

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074416.D
 Acq On : 26 Sep 2022 12:32
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022

Quant Time: Sep 27 02:01:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:58:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	57082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	92262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	80949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	41067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	10155	20.761	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	41.520%#		
35) Dibromofluoromethane	7.804	113	16319	24.044	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	48.080%#		
50) Toluene-d8	10.269	98	36838	17.480	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	34.960%#		
62) 4-Bromofluorobenzene	12.569	95	23348	27.645	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	55.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	11158	23.975	ug/l	94
3) Chloromethane	2.146	50	11257	23.996	ug/l	93
4) Vinyl Chloride	2.275	62	9395	23.539	ug/l	99
5) Bromomethane	2.664	94	6883	22.482	ug/l	92
6) Chloroethane	2.822	64	6059	21.899	ug/l	95
7) Trichlorofluoromethane	3.164	101	20036	21.715	ug/l	99
8) Diethyl Ether	3.593	74	5731	20.870	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.958	101	13845	22.019	ug/l	99
10) Methyl Iodide	4.163	142	9860	18.189	ug/l	99
11) Tert butyl alcohol	5.022	59	9637m	108.209	ug/l	
12) 1,1-Dichloroethene	3.934	96	13400	22.643	ug/l	87
13) Acrolein	3.799	56	4101	119.487	ug/l	98
14) Allyl chloride	4.558	41	13377	22.001	ug/l	99
15) Acrylonitrile	5.252	53	11905	103.468	ug/l	98
16) Acetone	4.022	43	8707	92.603	ug/l	89
17) Carbon Disulfide	4.263	76	32999	24.438	ug/l	99
18) Methyl Acetate	4.563	43	6182	20.146	ug/l	97
19) Methyl tert-butyl Ether	5.310	73	25941	20.392	ug/l	95
20) Methylene Chloride	4.799	84	19341	20.854	ug/l	90
21) trans-1,2-Dichloroethene	5.310	96	14469	22.942	ug/l #	89
22) Diisopropyl ether	6.216	45	29488	21.122	ug/l	95
23) Vinyl Acetate	6.152	43	57273m	99.847	ug/l	
24) 1,1-Dichloroethane	6.110	63	22569	21.348	ug/l	93
25) 2-Butanone	7.081	43	12288	94.586	ug/l	94
26) 2,2-Dichloropropane	7.069	77	20157	20.709	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	16062	21.622	ug/l	97
28) Bromochloromethane	7.428	49	6926	20.435	ug/l #	98
29) Tetrahydrofuran	7.440	42	7236	97.385	ug/l	97
30) Chloroform	7.599	83	24636	20.778	ug/l	95
31) Cyclohexane	7.869	56	18714	22.590	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	21895	21.491	ug/l	100
36) 1,1-Dichloropropene	8.010	75	17745	21.300	ug/l	100
37) Ethyl Acetate	7.157	43	5164	18.661	ug/l #	96
38) Carbon Tetrachloride	7.987	117	16908	21.442	ug/l	92
39) Methylcyclohexane	9.269	83	22542	22.925	ug/l	94
40) Benzene	8.252	78	52778	21.416	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	3398m	20.022	ug/l	
42) 1,2-Dichloroethane	8.328	62	13003	21.089	ug/l	95
43) Isopropyl Acetate	8.357	43	10805	20.154	ug/l #	77
44) Trichloroethene	9.028	130	16094	21.489	ug/l	99
45) 1,2-Dichloropropane	9.304	63	12609	21.437	ug/l	95
46) Dibromomethane	9.393	93	7383	21.038	ug/l	95
47) Bromodichloromethane	9.581	83	18217	20.446	ug/l #	98
48) Methyl methacrylate	9.381	41	5018	20.826	ug/l	100
49) 1,4-Dioxane	9.393	88	1614	465.453	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	27499	99.590	ug/l	97
52) Toluene	10.334	92	32629	20.553	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	14428	19.444	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	19340	20.508	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	9421	19.406	ug/l	96
56) Ethyl methacrylate	10.593	69	10271	19.018	ug/l	93
57) 1,3-Dichloropropane	10.875	76	15279	19.505	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.863	63	6253	74.499	ug/l	95
59) 2-Hexanone	10.922	43	17828	95.981	ug/l	99
60) Dibromochloromethane	11.069	129	12045	19.921	ug/l	96
61) 1,2-Dibromoethane	11.181	107	9376	20.040	ug/l	96
64) Tetrachloroethene	10.810	164	13238	20.950	ug/l	89
65) Chlorobenzene	11.604	112	35995	20.628	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	12600	19.993	ug/l	96
67) Ethyl Benzene	11.681	91	63918	20.836	ug/l	95
68) m/p-Xylenes	11.787	106	51271	42.441	ug/l	99
69) o-Xylene	12.116	106	23698	21.126	ug/l	97
70) Styrene	12.134	104	40887	21.002	ug/l	99
71) Bromoform	12.292	173	6526	18.759	ug/l #	90
73) Isopropylbenzene	12.416	105	64240	21.156	ug/l	100
74) N-amyl acetate	12.228	43	9519	19.922	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	10834	20.360	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	5741m	18.111	ug/l	
77) Bromobenzene	12.692	156	15006	20.735	ug/l	97
78) n-propylbenzene	12.757	91	78053	21.352	ug/l	100
79) 2-Chlorotoluene	12.845	91	41523	21.072	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	53768	21.407	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	2636	20.591	ug/l	93
82) 4-Chlorotoluene	12.945	91	43324	21.374	ug/l	99
83) tert-Butylbenzene	13.163	119	48249	21.343	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	53649	21.455	ug/l	99
85) sec-Butylbenzene	13.339	105	72016	21.133	ug/l	97
86) p-Isopropyltoluene	13.457	119	60060	21.136	ug/l	98
87) 1,3-Dichlorobenzene	13.451	146	31092	20.977	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	31201	21.035	ug/l	98
89) n-Butylbenzene	13.781	91	54920	20.887	ug/l	99
90) Hexachloroethane	14.051	117	10433	20.749	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	26630	20.679	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	1510	22.550	ug/l	87
93) 1,2,4-Trichlorobenzene	15.092	180	17932	20.666	ug/l	95
94) Hexachlorobutadiene	15.198	225	10044	20.975	ug/l	96
95) Naphthalene	15.328	128	31327	19.634	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	15566	20.662	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:58:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

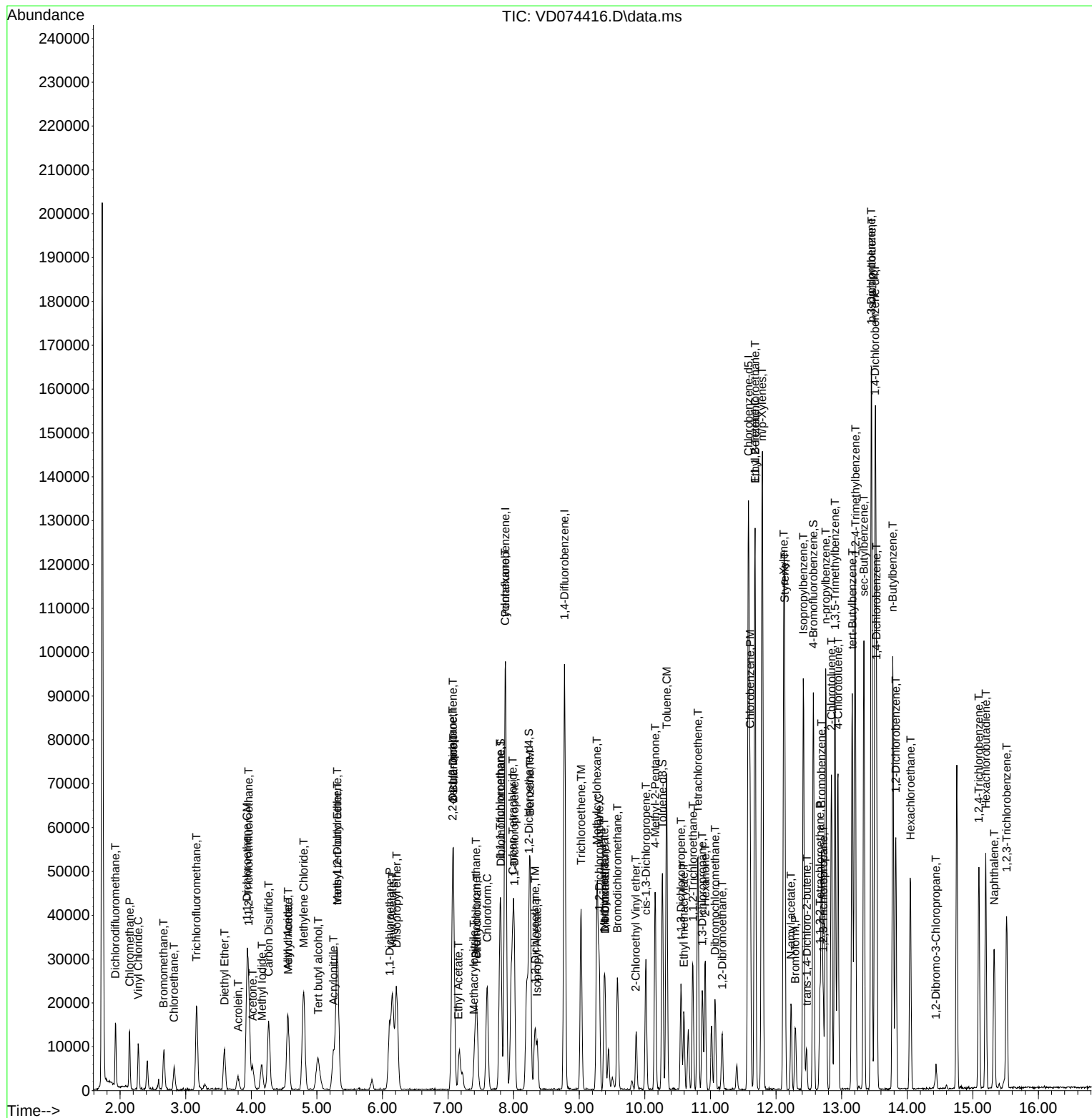
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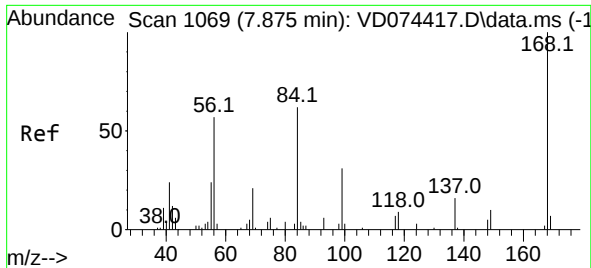
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Manual Integrations APPROVED

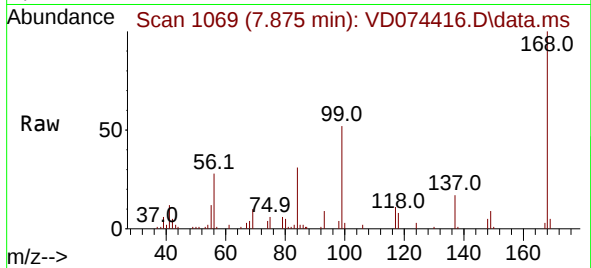
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

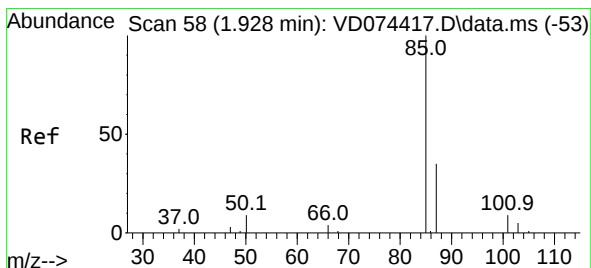
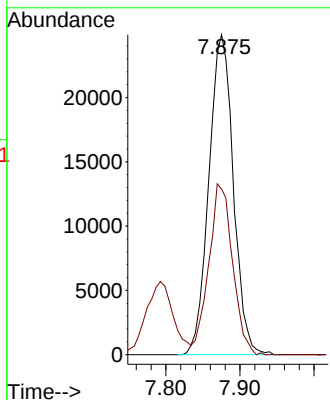
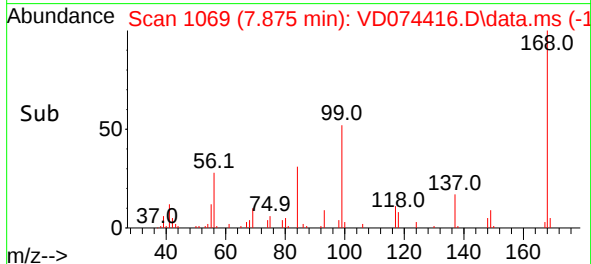
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 5708
Ion Ratio Lower Upper
168 100
99 51.7 40.9 61.3

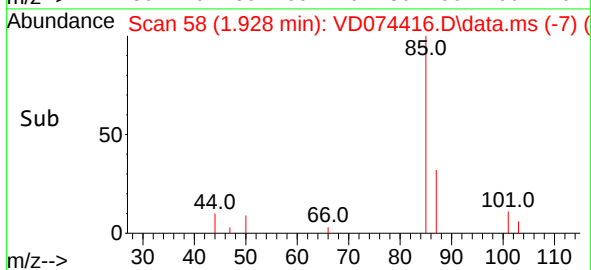
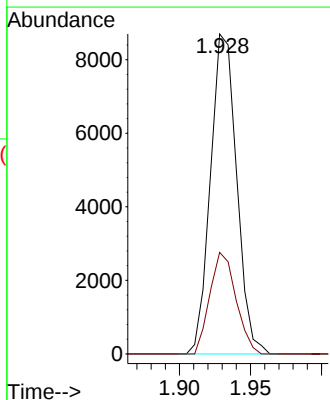
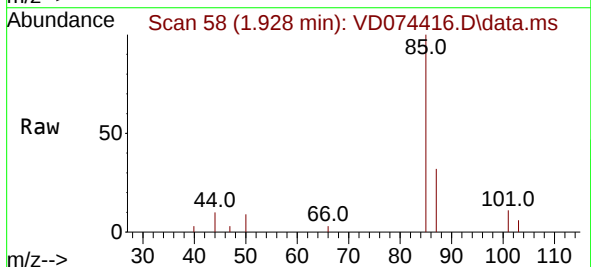
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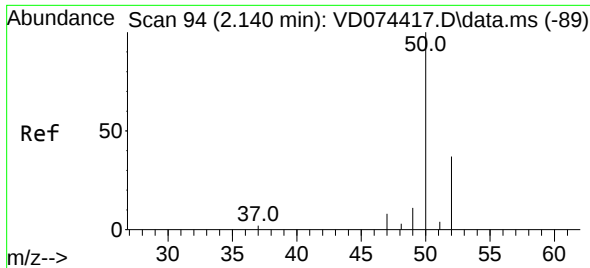
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#2
Dichlorodifluoromethane
Concen: 23.975 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Tgt Ion: 85 Resp: 11158
Ion Ratio Lower Upper
85 100
87 31.7 17.5 52.6





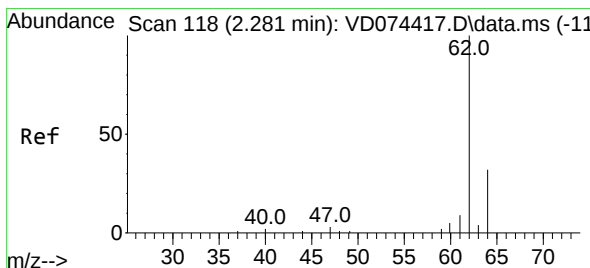
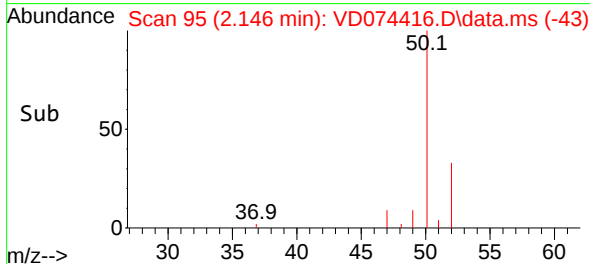
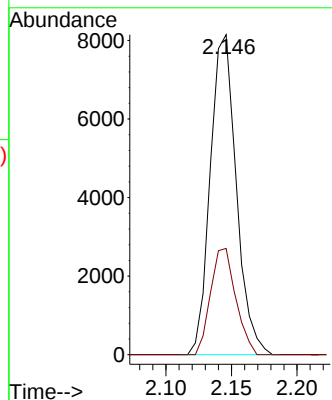
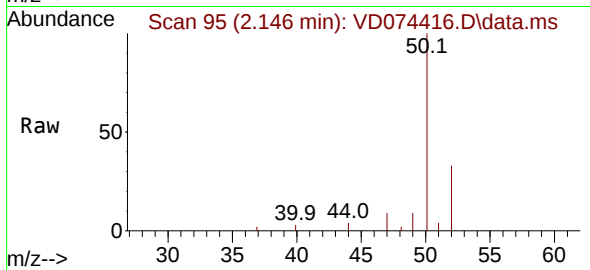
#3
Chloromethane
Concen: 23.996 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 1125
Ion Ratio Lower Upper
50 100
52 33.2 30.0 45.0

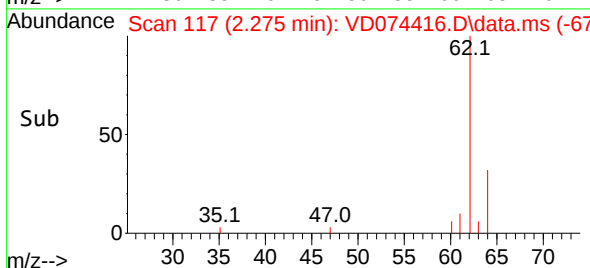
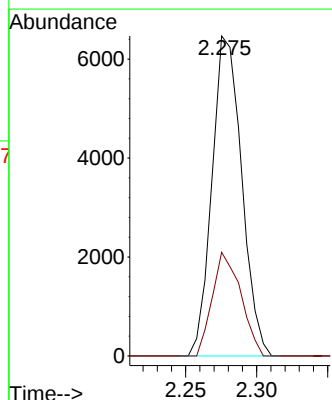
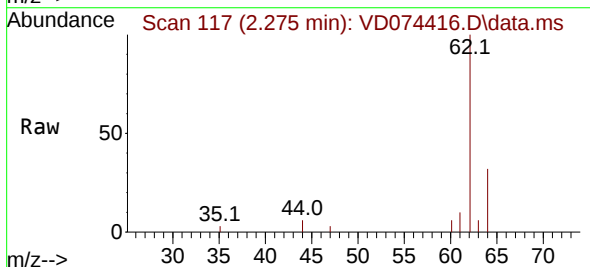
Manual Integrations
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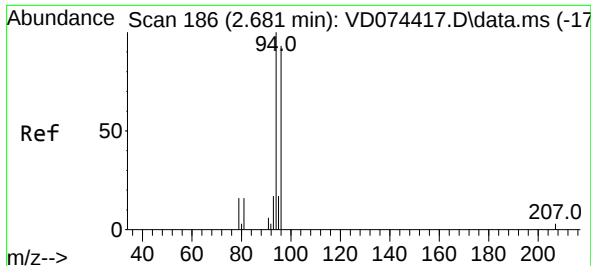
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#4
Vinyl Chloride
Concen: 23.539 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

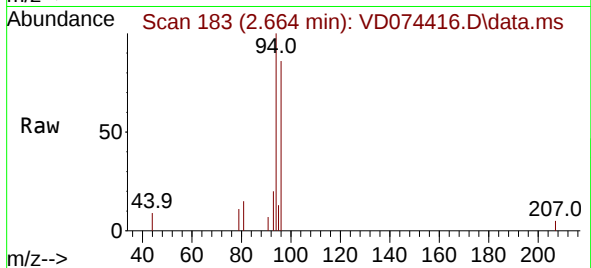
Tgt Ion: 62 Resp: 9395
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3





#5
Bromomethane
Concen: 22.482 ug/l
RT: 2.664 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

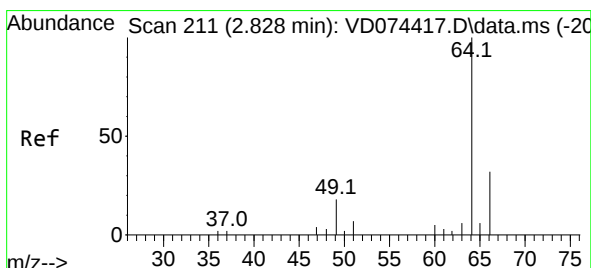
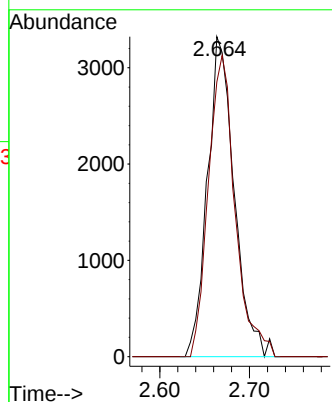
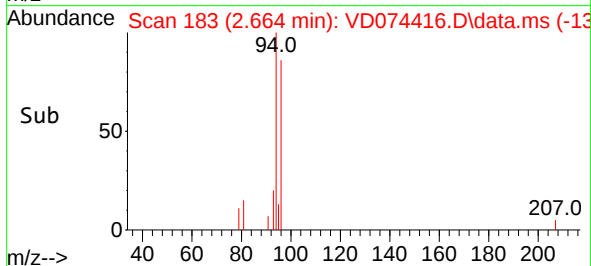
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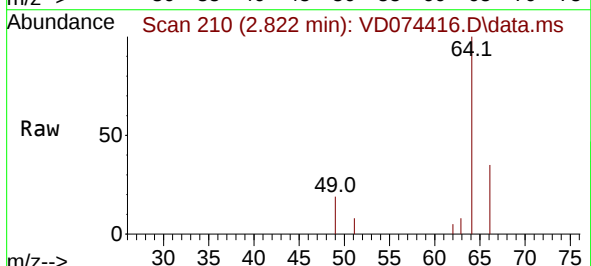
Tgt Ion: 94 Resp: 688
Ion Ratio Lower Upper
94 100
96 85.9 74.6 112.0

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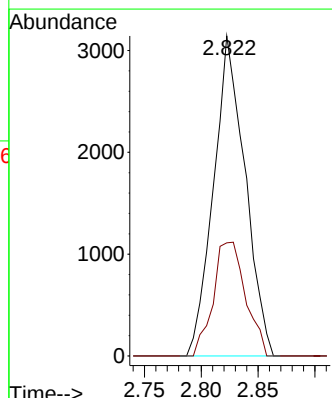
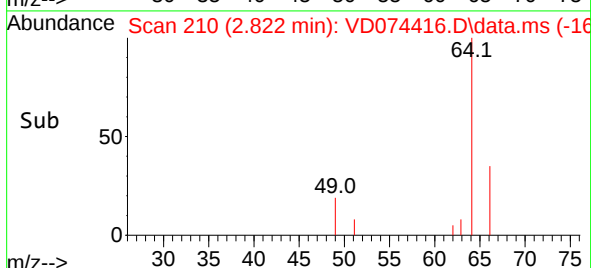
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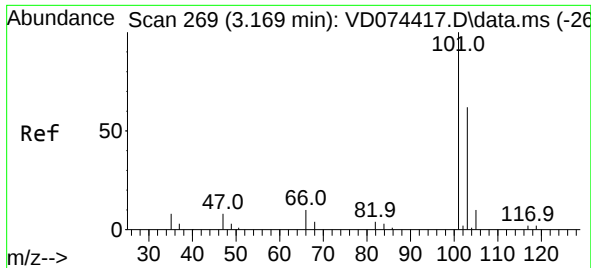


#6
Chloroethane
Concen: 21.899 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32



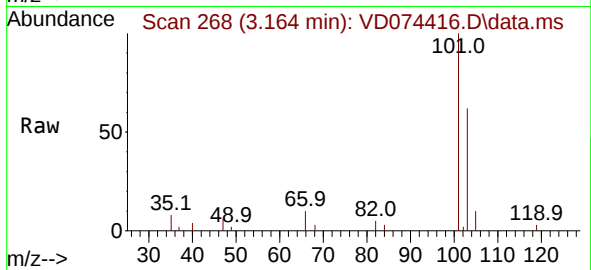
Tgt Ion: 64 Resp: 6059
Ion Ratio Lower Upper
64 100
66 35.3 25.8 38.8





#7
Trichlorofluoromethane
Concen: 21.715 ug/l
RT: 3.164 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

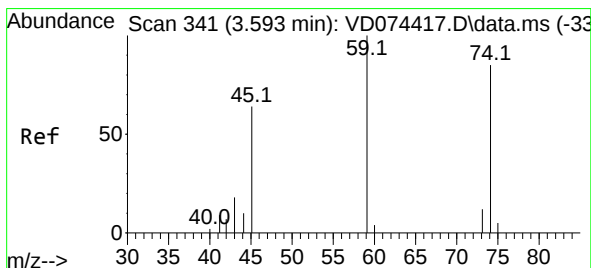
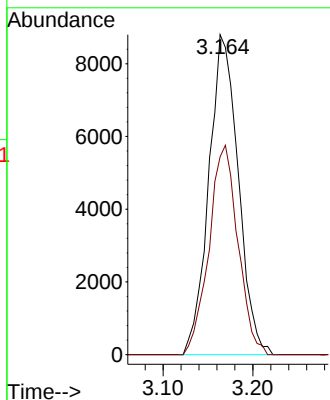
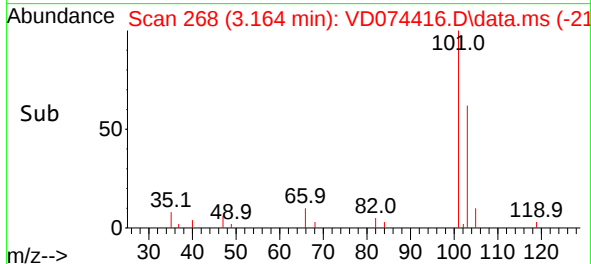
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Tgt Ion:101 Resp: 2003
Ion Ratio Lower Upper
101 100
103 61.9 49.8 74.8

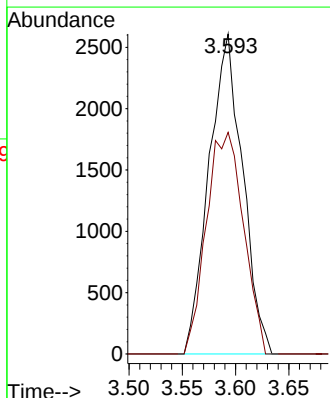
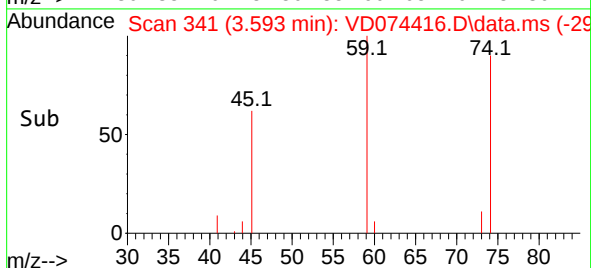
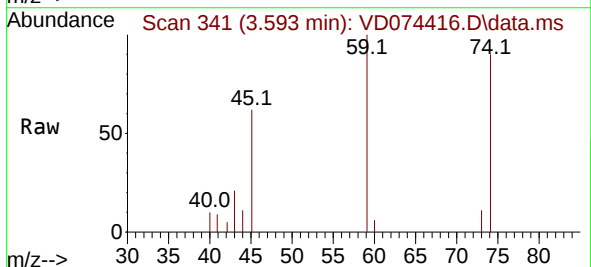
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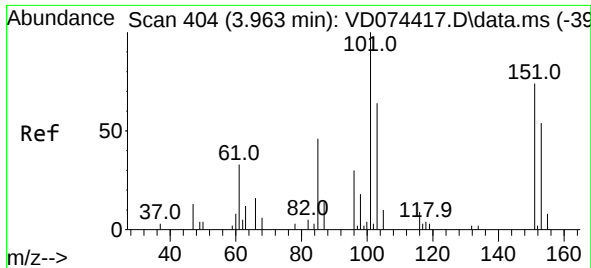
Reviewed By :Krupa Patel 09/27/2022
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#8
Diethyl Ether
Concen: 20.870 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Tgt Ion: 74 Resp: 5731
Ion Ratio Lower Upper
74 100
45 76.5 37.9 113.6





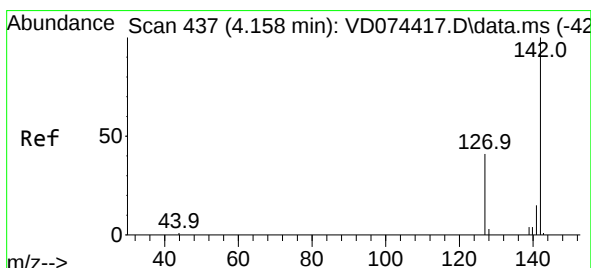
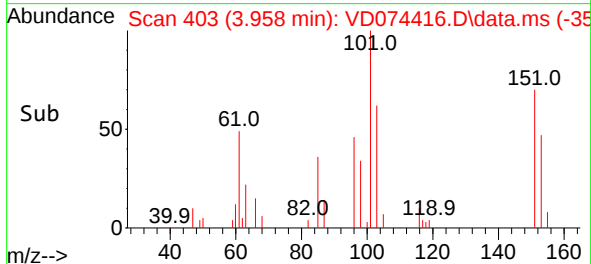
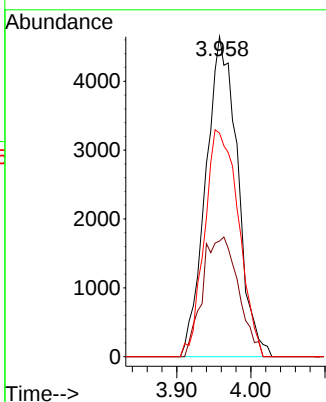
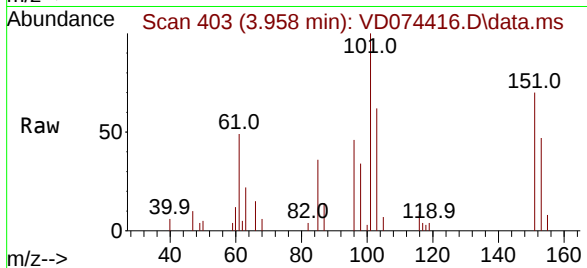
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.019 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 1384
Ion Ratio Lower Upper
101 100
85 42.2 34.1 51.1
151 75.8 61.7 92.5

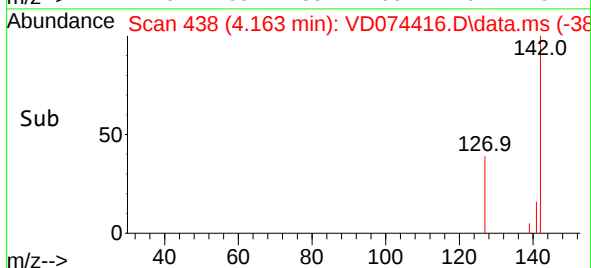
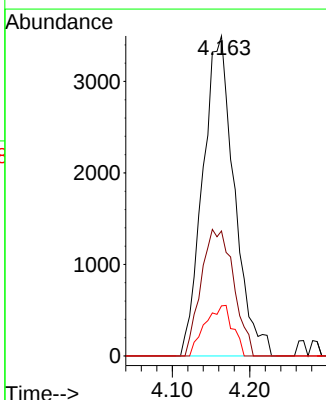
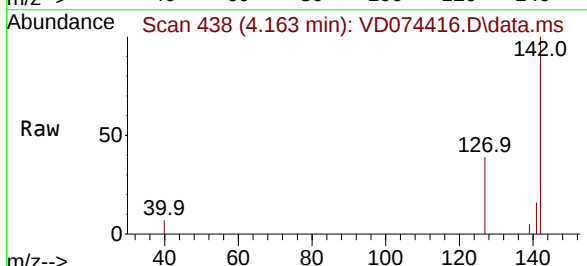
Manual Integrations
APPROVED

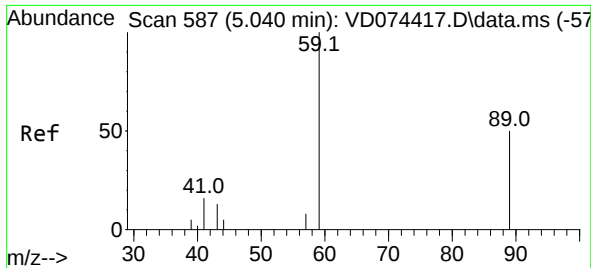
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#10
Methyl Iodide
Concen: 18.189 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

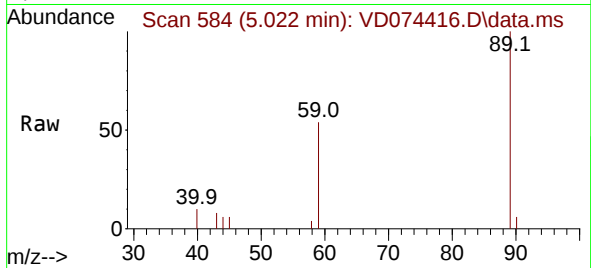
Tgt Ion:142 Resp: 9860
Ion Ratio Lower Upper
142 100
127 40.8 31.9 47.9
141 13.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 108.209 ug/l m
RT: 5.022 min Scan# 587
Delta R.T. -0.018 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

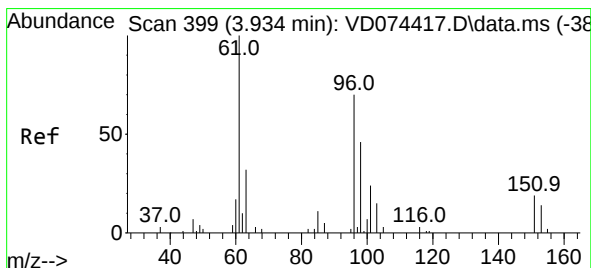
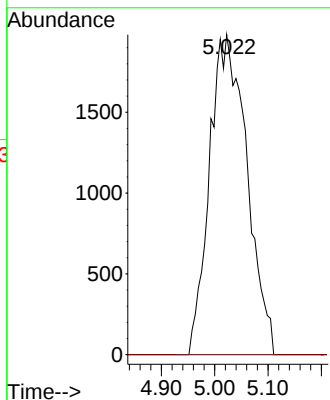
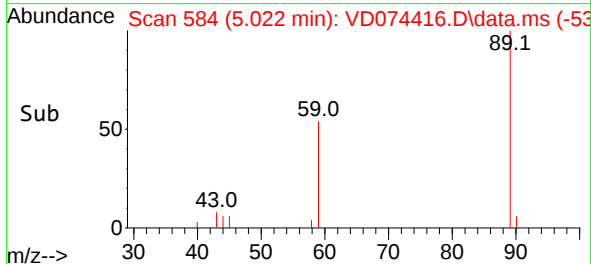
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



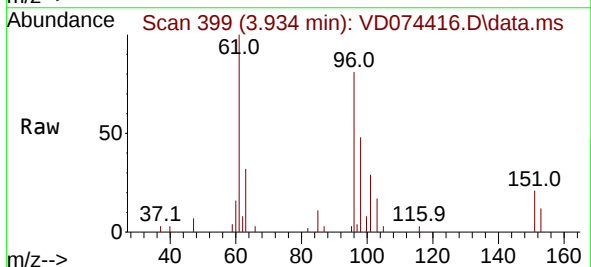
Tgt Ion: 59 Resp: 963
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6

Manual Integrations
APPROVED

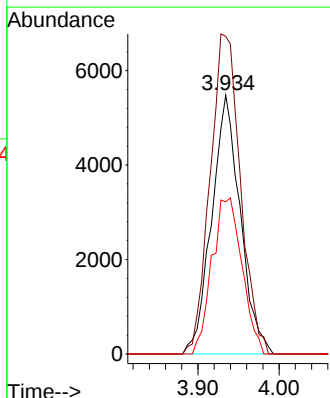
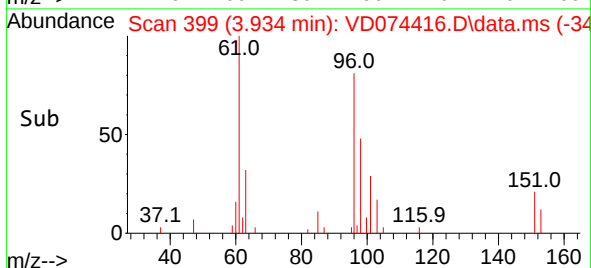
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

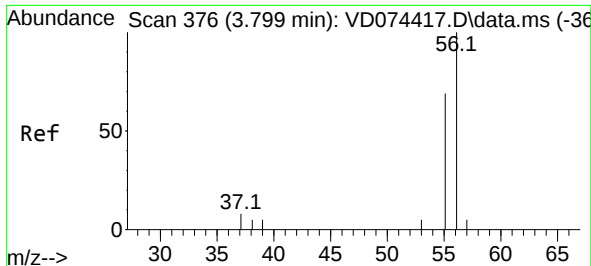


#12
1,1-Dichloroethene
Concen: 22.643 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32



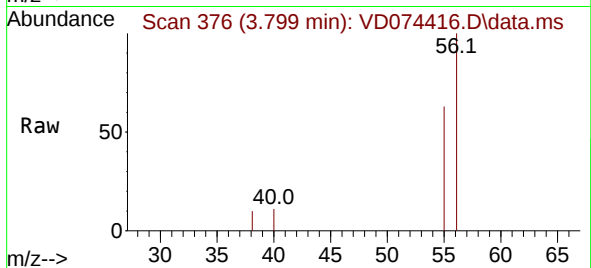
Tgt Ion: 96 Resp: 13400
Ion Ratio Lower Upper
96 100
61 122.7 113.9 170.9
98 58.8 51.8 77.8





#13
Acrolein
Concen: 119.487 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

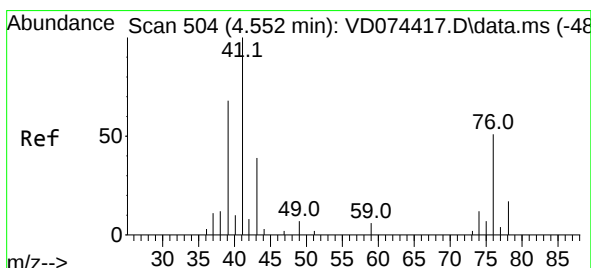
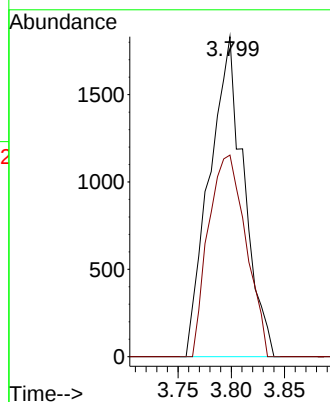
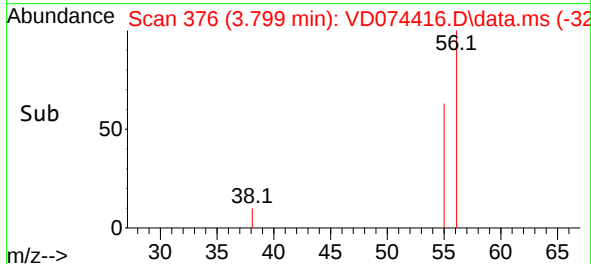
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



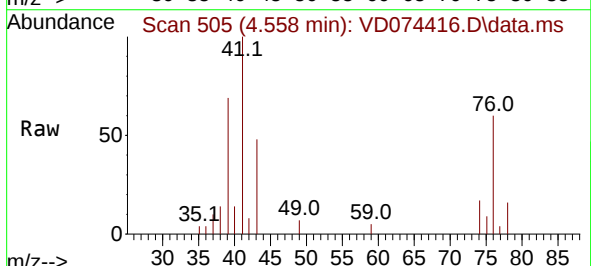
Tgt Ion: 56 Resp: 410
Ion Ratio Lower Upper
56 100
55 68.9 54.0 81.0

Manual Integrations
APPROVED

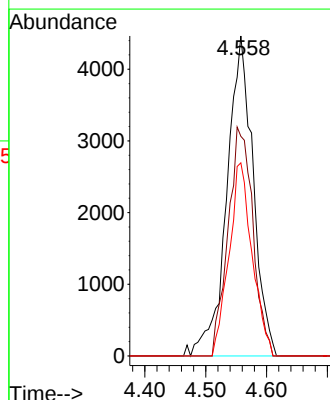
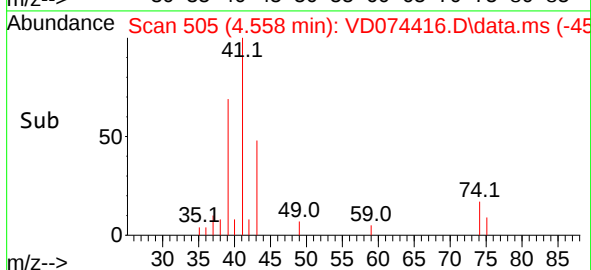
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

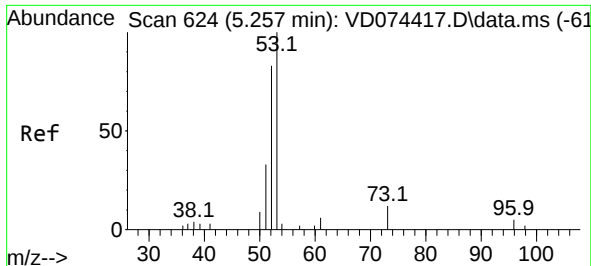


#14
Allyl chloride
Concen: 22.001 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32



Tgt Ion: 41 Resp: 13377
Ion Ratio Lower Upper
41 100
39 67.5 53.4 80.2
76 53.3 42.4 63.6





#15

Acrylonitrile

Concen: 103.468 ug/l

RT: 5.252 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD074416.D

Acq: 26 Sep 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

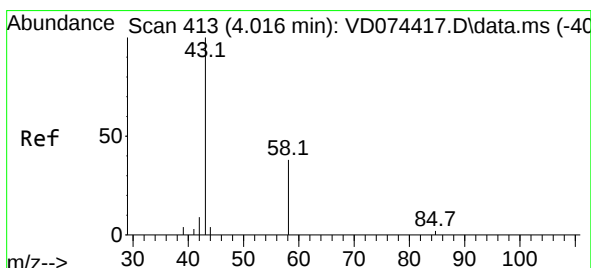
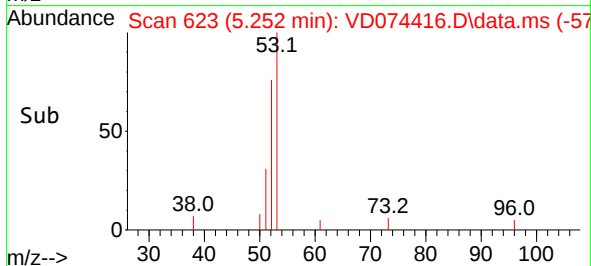
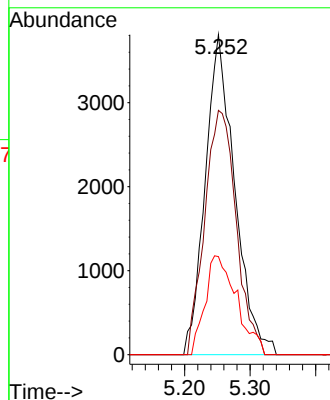
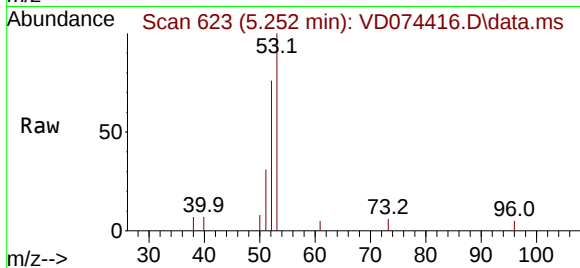
Tgt Ion: 53	Resp: 1190
Ion Ratio	Lower Upper
53	100
52	81.4 66.0 99.0
51	33.1 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#16

Acetone

Concen: 92.603 ug/l

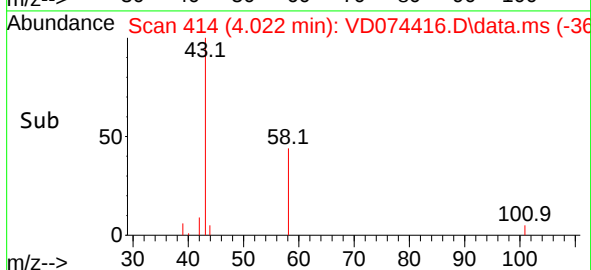
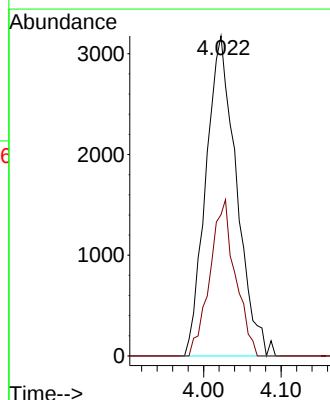
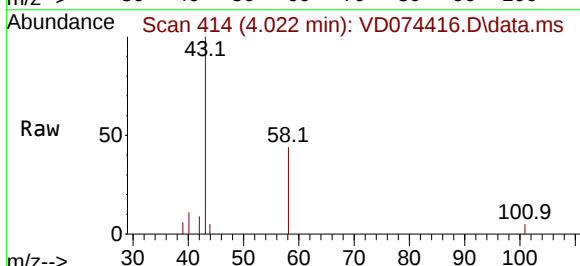
RT: 4.022 min Scan# 414

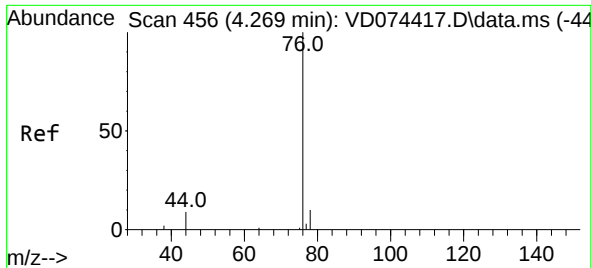
Delta R.T. 0.006 min

Lab File: VD074416.D

Acq: 26 Sep 2022 12:32

Tgt Ion: 43	Resp: 8707
Ion Ratio	Lower Upper
43	100
58	44.2 30.2 45.2





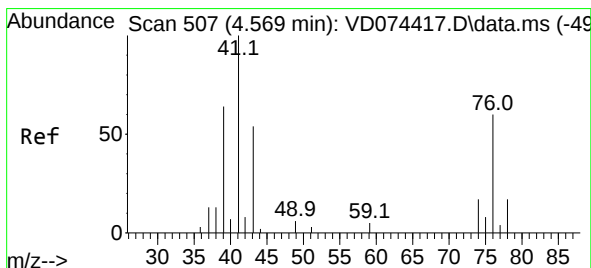
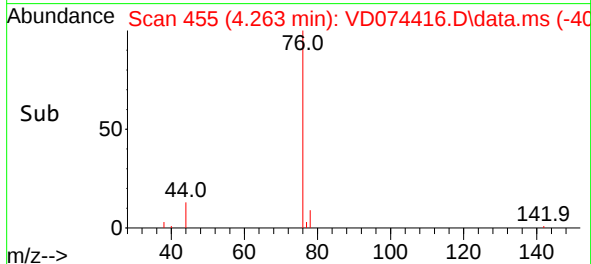
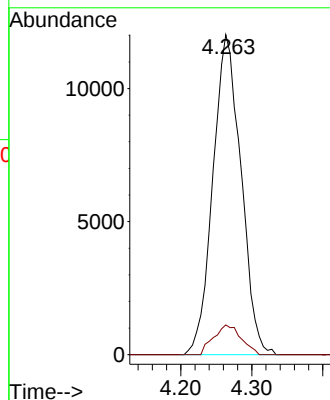
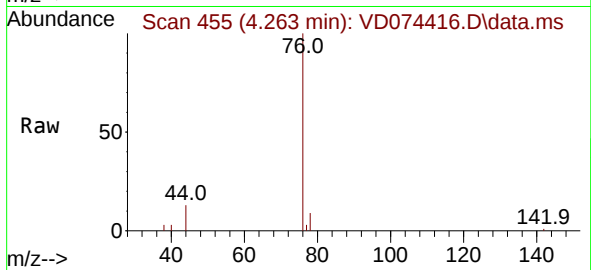
#17
Carbon Disulfide
Concen: 24.438 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 3299
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8

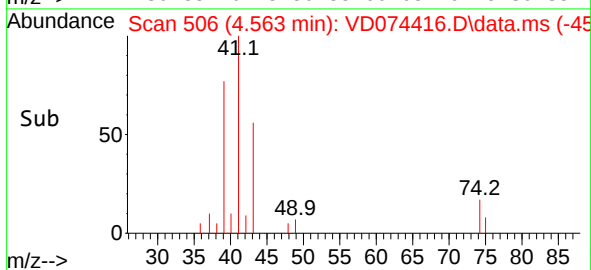
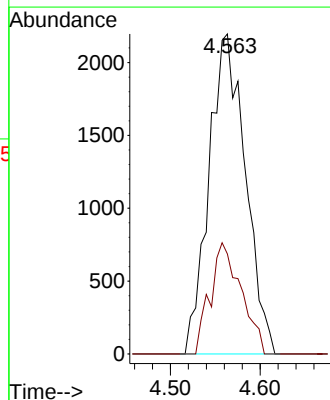
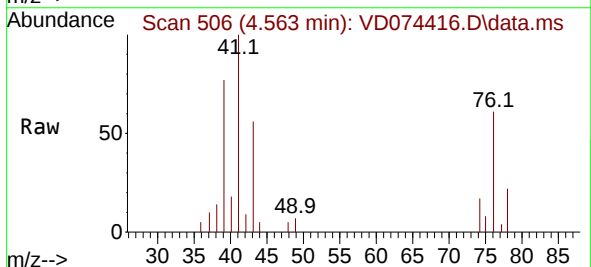
Manual Integrations
APPROVED

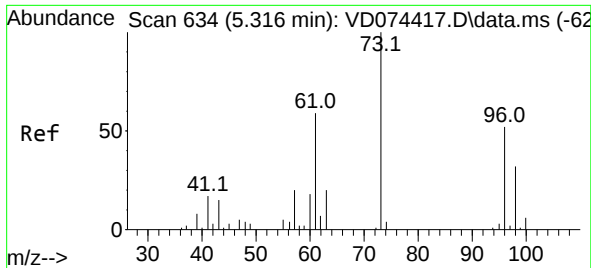
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#18
Methyl Acetate
Concen: 20.146 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Tgt Ion: 43 Resp: 6182
Ion Ratio Lower Upper
43 100
74 29.5 24.7 37.1





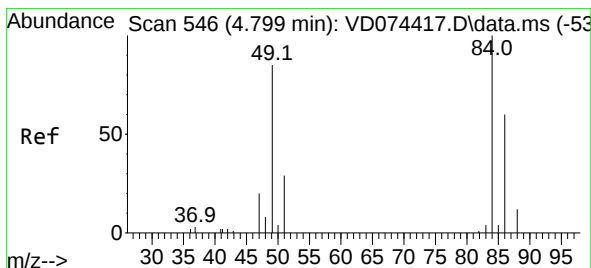
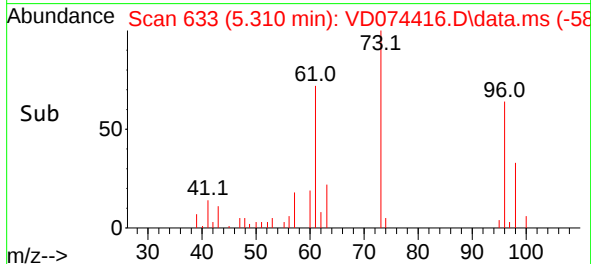
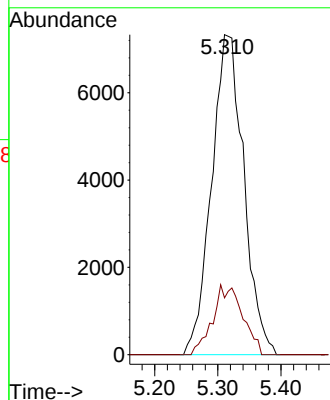
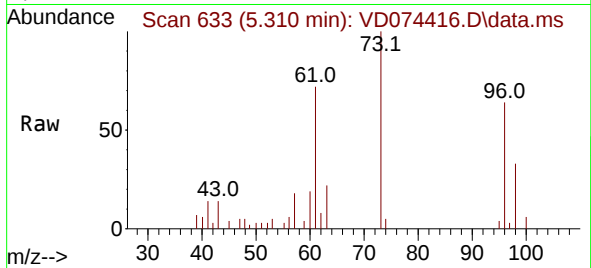
#19
Methyl tert-butyl Ether
Concen: 20.392 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 2594
Ion Ratio Lower Upper
73 100
57 17.7 16.1 24.1

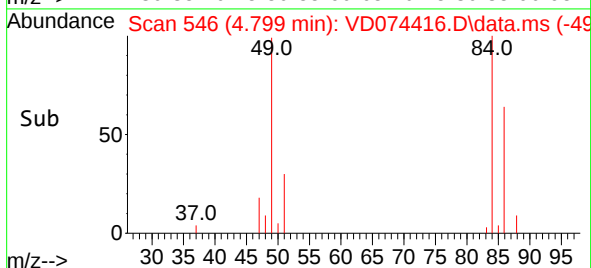
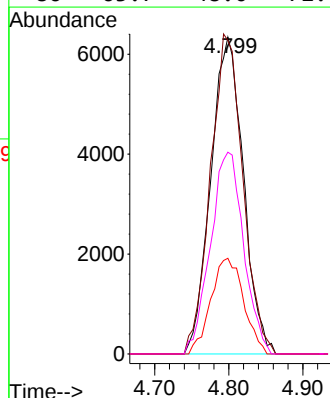
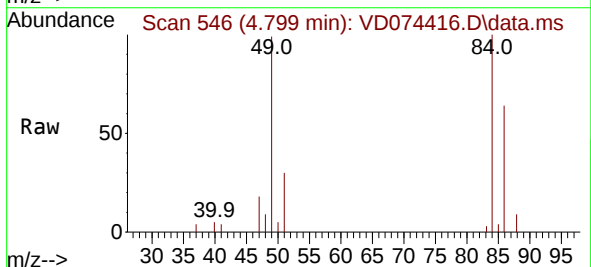
Manual Integrations
APPROVED

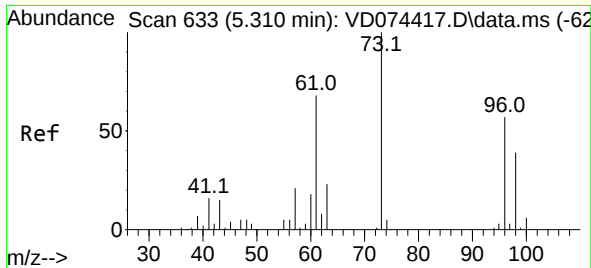
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#20
Methylene Chloride
Concen: 20.854 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

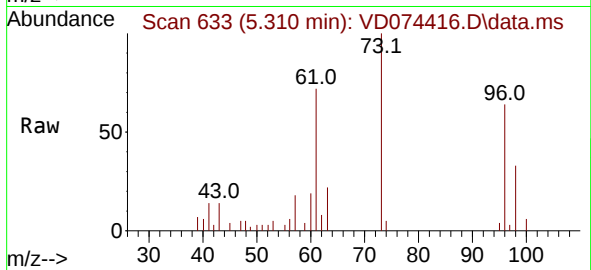
Tgt Ion: 84 Resp: 19341
Ion Ratio Lower Upper
84 100
49 98.9 68.0 102.0
51 30.2 23.2 34.8
86 63.7 48.0 72.0





#21
trans-1,2-Dichloroethene
Concen: 22.942 ug/l
RT: 5.310 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

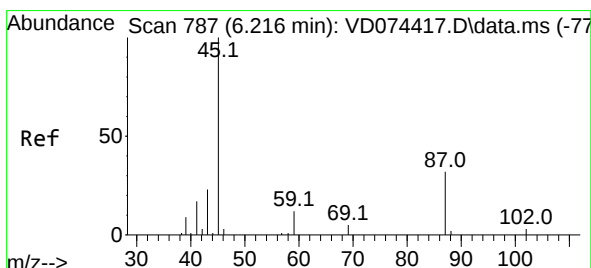
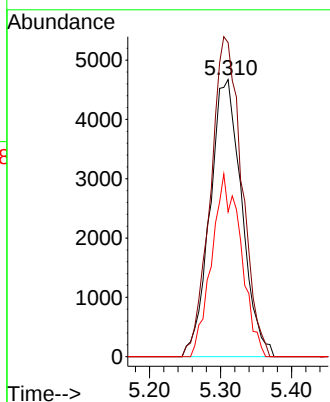
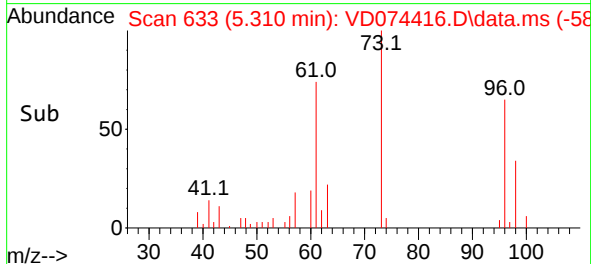
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 14469
Ion Ratio Lower Upper
96 100
61 113.3 95.7 143.5
98 52.2 54.8 82.2

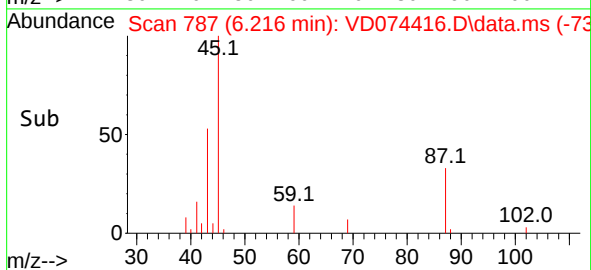
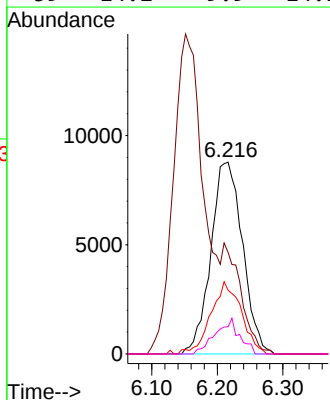
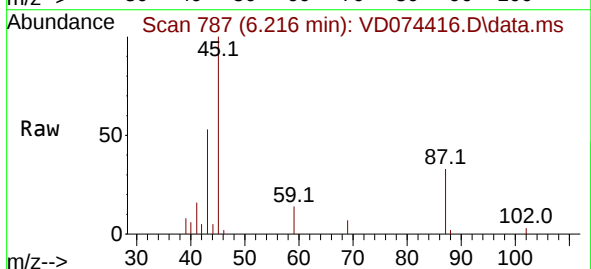
Manual Integrations
APPROVED

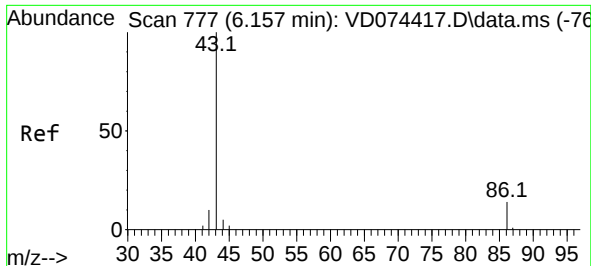
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#22
Diisopropyl ether
Concen: 21.122 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

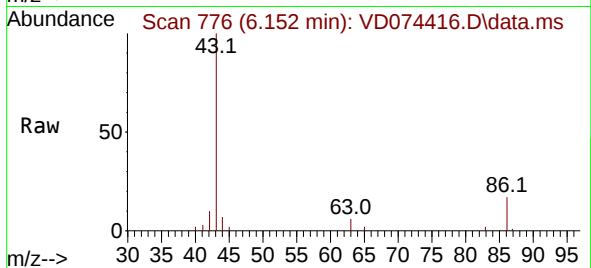
Tgt Ion: 45 Resp: 29488
Ion Ratio Lower Upper
45 100
43 52.8 37.8 56.6
87 33.2 26.6 40.0
59 14.2 9.9 14.9





#23
 Vinyl Acetate
 Concen: 99.847 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD074416.D
 Acq: 26 Sep 2022 12:32

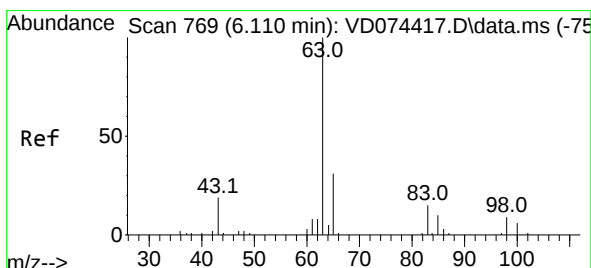
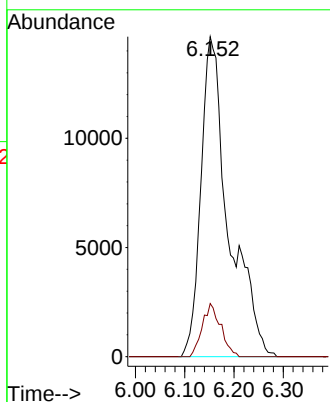
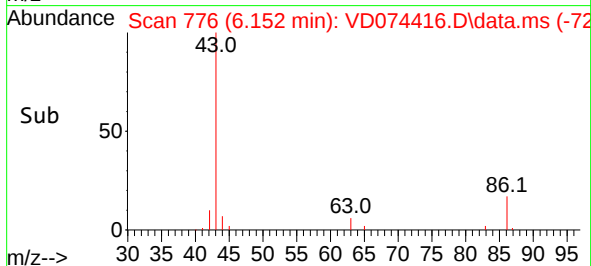
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



Tgt Ion: 43 Resp: 5727
 Ion Ratio Lower Upper
 43 100
 86 16.6 11.2 16.8

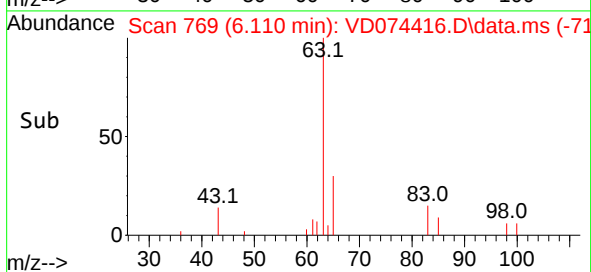
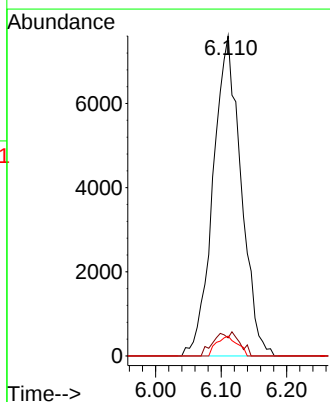
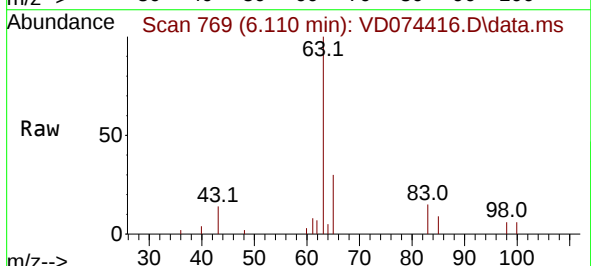
Manual Integrations
 APPROVED

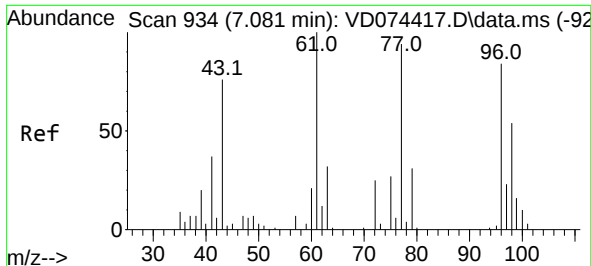
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022



#24
 1,1-Dichloroethane
 Concen: 21.348 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD074416.D
 Acq: 26 Sep 2022 12:32

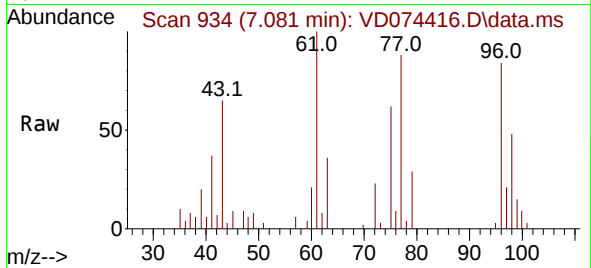
Tgt Ion: 63 Resp: 22569
 Ion Ratio Lower Upper
 63 100
 98 5.7 4.6 13.8
 100 6.2 2.9 8.6





#25
2-Butanone
Concen: 94.586 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

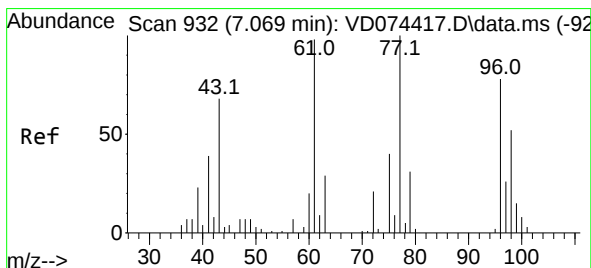
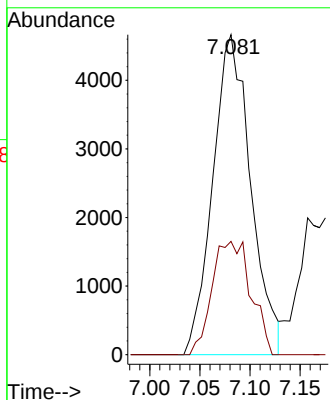
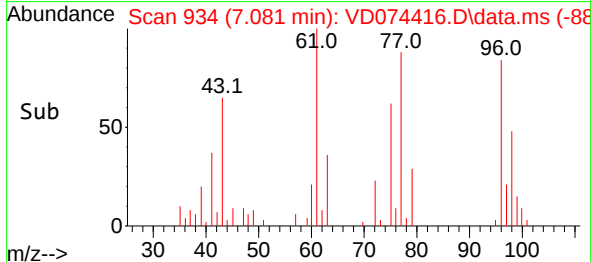
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 1228
Ion Ratio Lower Upper
43 100
72 35.4 25.8 38.8

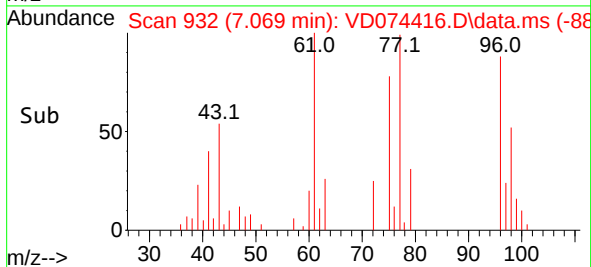
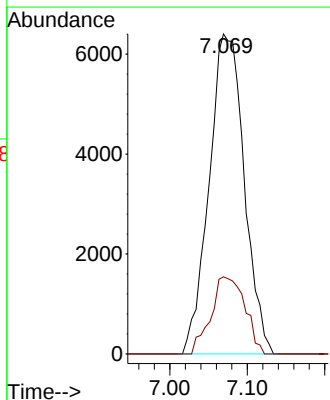
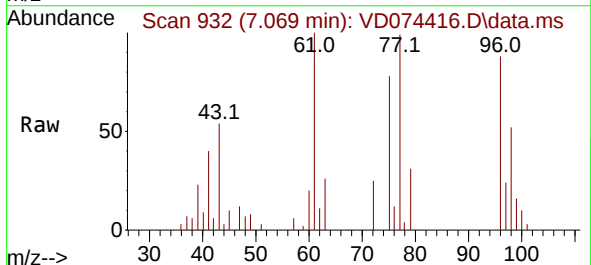
Manual Integrations
APPROVED

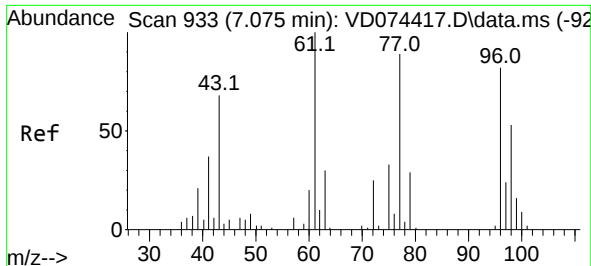
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#26
2,2-Dichloropropane
Concen: 20.709 ug/l
RT: 7.069 min Scan# 932
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Tgt Ion: 77 Resp: 20157
Ion Ratio Lower Upper
77 100
97 23.3 12.5 37.5





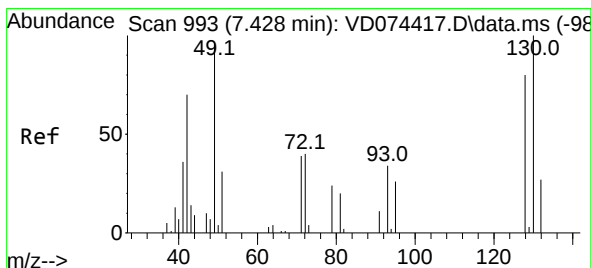
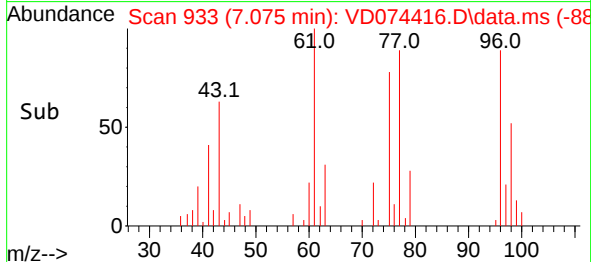
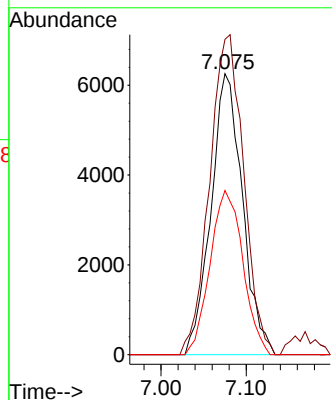
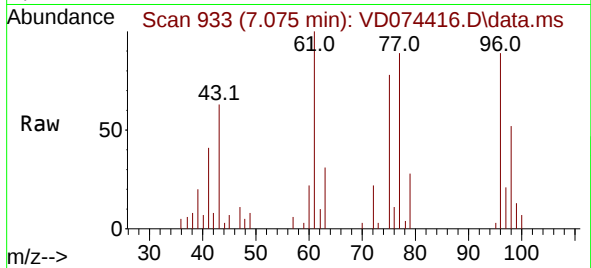
#27
 cis-1,2-Dichloroethene
 Concen: 21.622 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD074416.D
 Acq: 26 Sep 2022 12:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Tgt Ion: 96 Resp: 1606
 Ion Ratio Lower Upper
 96 100
 61 123.0 0.0 242.4
 98 60.8 0.0 130.0

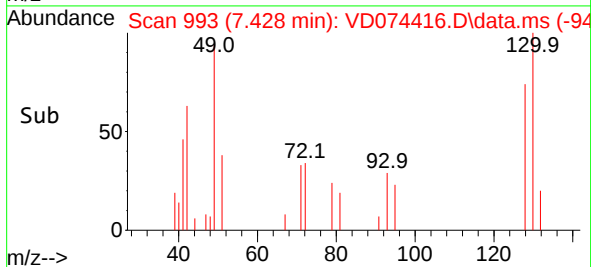
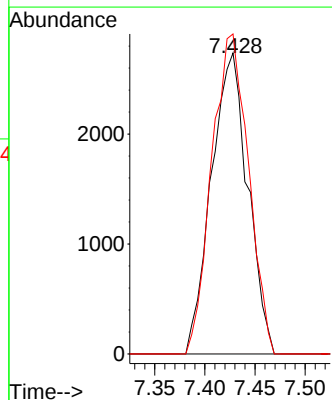
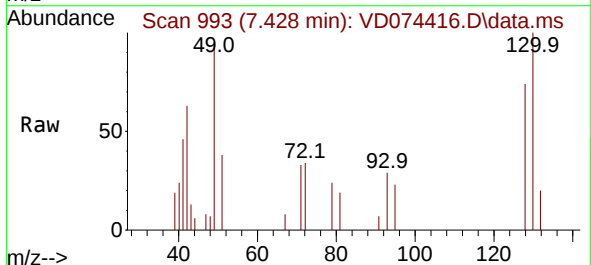
Manual Integrations
 APPROVED

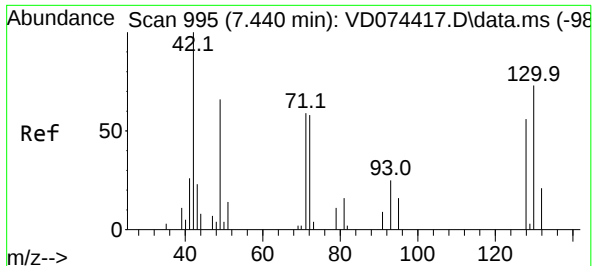
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022



#28
 Bromochloromethane
 Concen: 20.435 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD074416.D
 Acq: 26 Sep 2022 12:32

Tgt Ion: 49 Resp: 6926
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 5.0
 130 107.2 84.1 126.1





#29

Tetrahydrofuran

Concen: 97.385 ug/l

RT: 7.440 min Scan# 995

Delta R.T. 0.000 min

Lab File: VD074416.D

Acq: 26 Sep 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

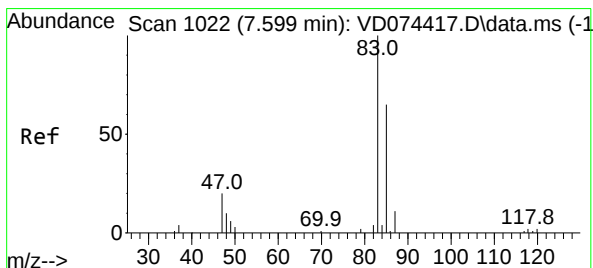
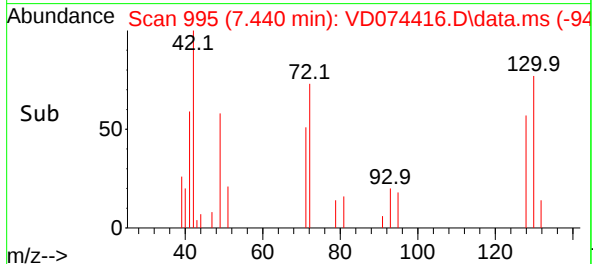
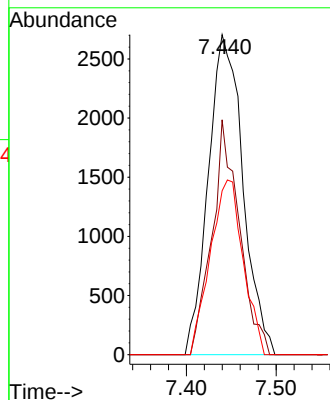
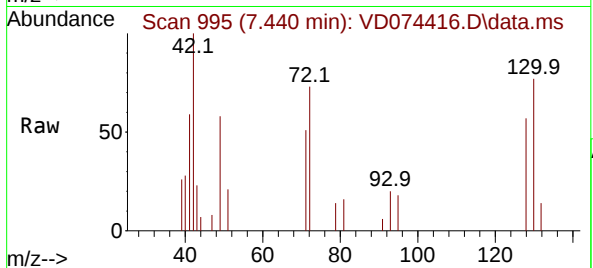
VSTDICC020

Tgt Ion: 42	Resp: 7230
Ion Ratio	Lower Upper
42	100
72	58.5 45.8 68.6
71	51.9 44.6 66.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#30

Chloroform

Concen: 20.778 ug/l

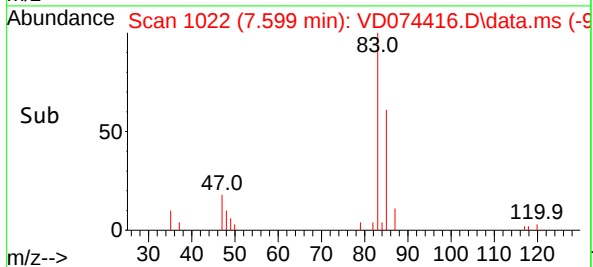
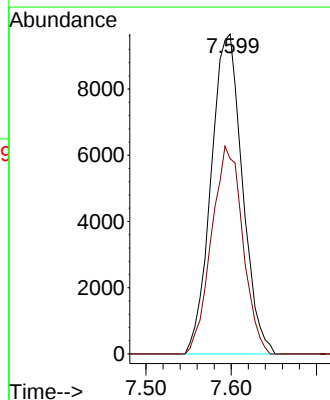
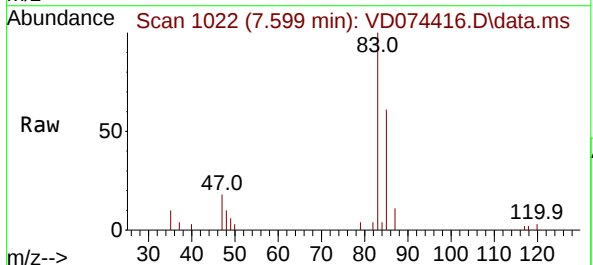
RT: 7.599 min Scan# 1022

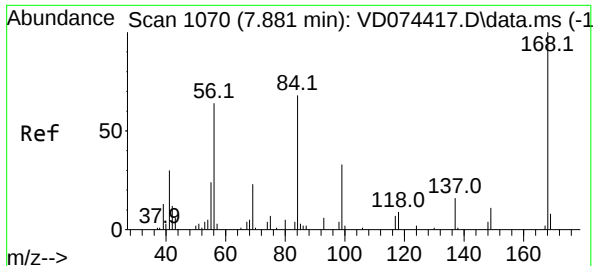
Delta R.T. 0.000 min

Lab File: VD074416.D

Acq: 26 Sep 2022 12:32

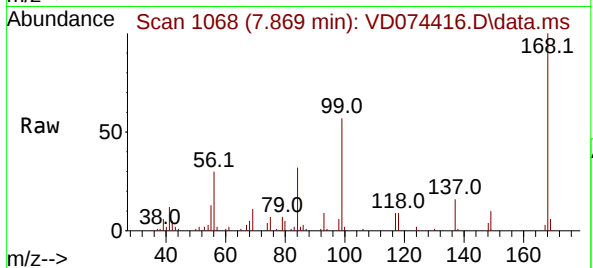
Tgt Ion: 83	Resp: 24636
Ion Ratio	Lower Upper
83	100
85	61.0 52.0 78.0





#31
Cyclohexane
Concen: 22.590 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

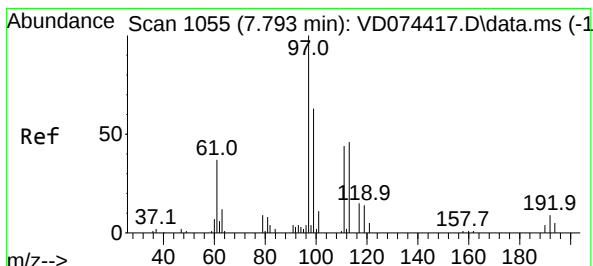
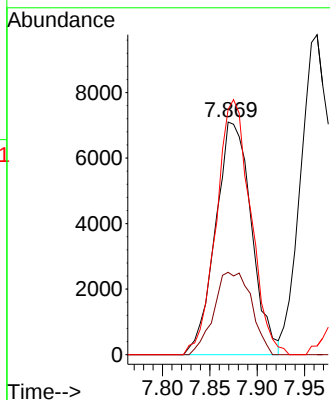
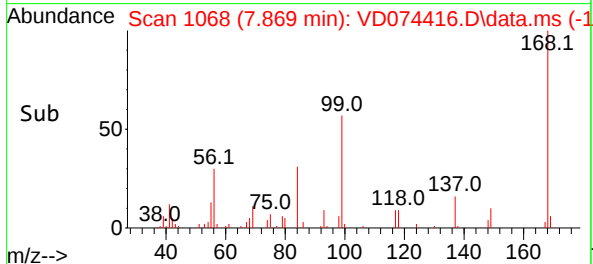
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 18714
Ion Ratio Lower Upper
56 100
69 35.4 29.2 43.8
84 105.4 83.4 125.2

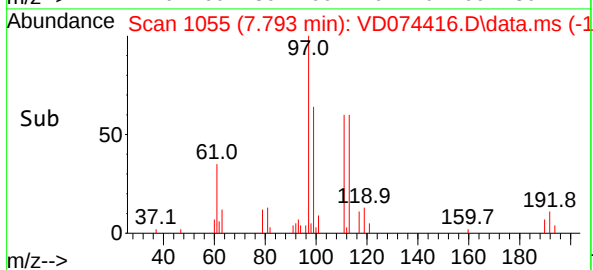
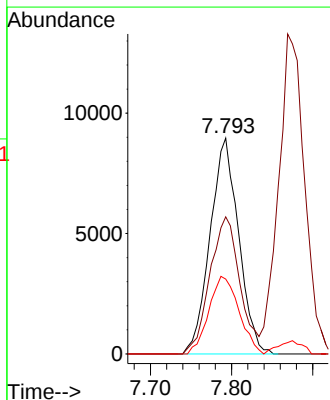
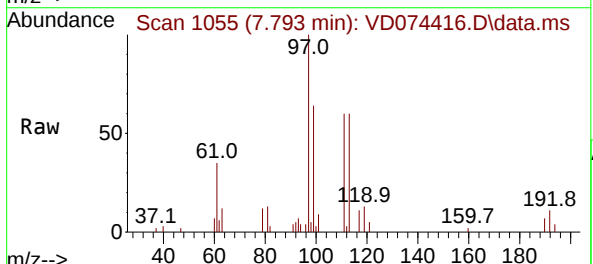
Manual Integrations
APPROVED

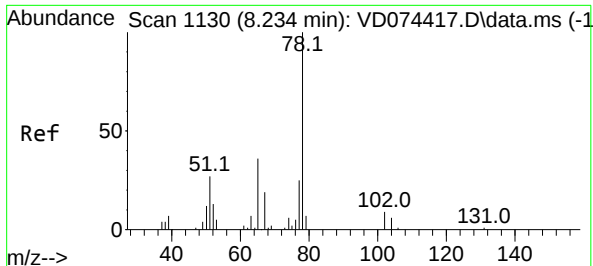
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#32
1,1,1-Trichloroethane
Concen: 21.491 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Tgt Ion: 97 Resp: 21895
Ion Ratio Lower Upper
97 100
99 67.0 53.3 79.9
61 37.9 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 20.761 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD074416.D

Acq: 26 Sep 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 1015

Ion Ratio Lower Upper

65 100

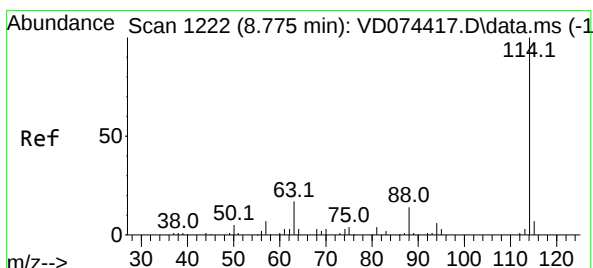
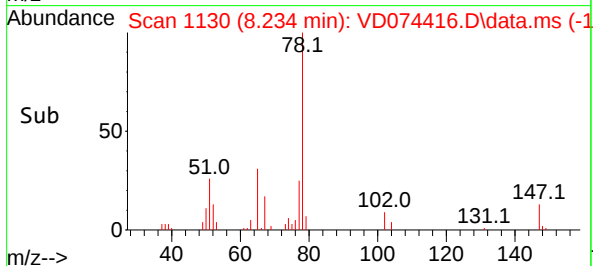
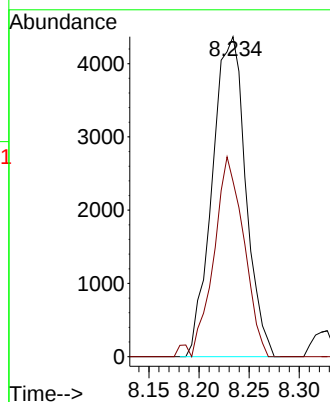
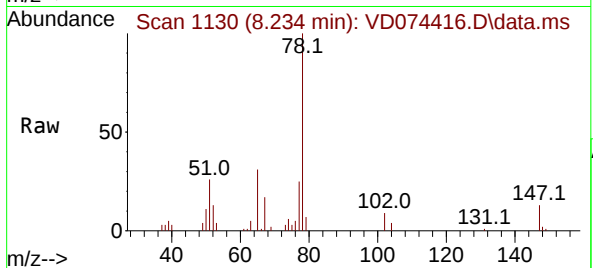
67 56.5 0.0 110.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074416.D

Acq: 26 Sep 2022 12:32

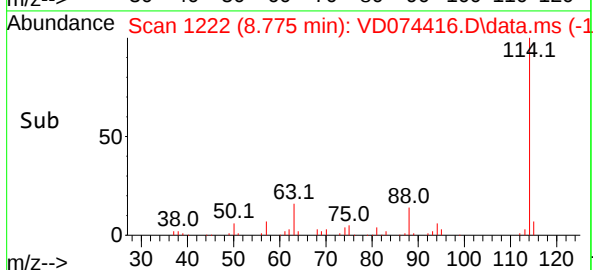
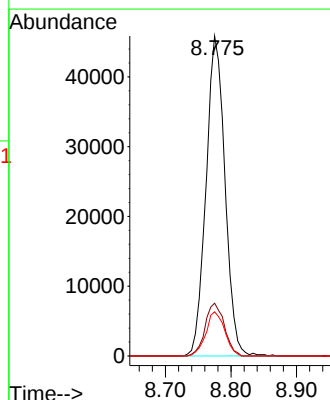
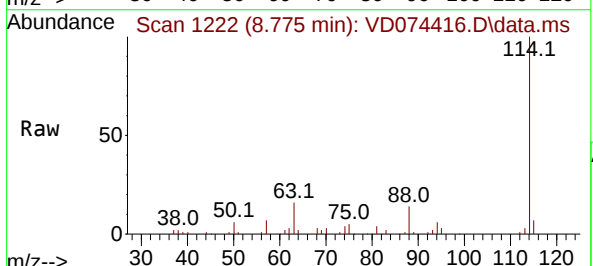
Tgt Ion:114 Resp: 92262

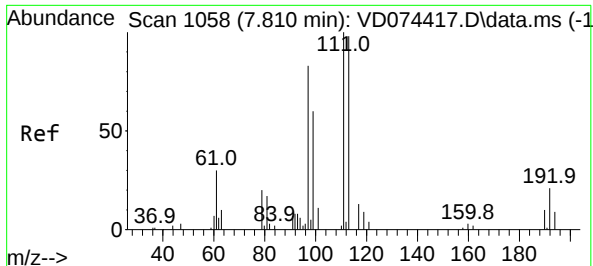
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

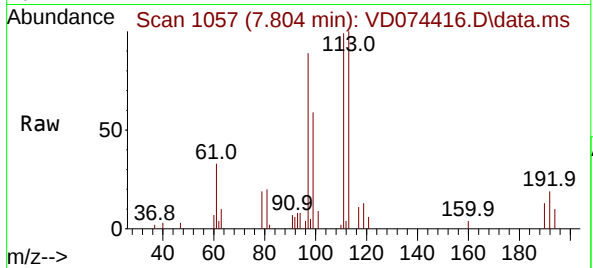
88 13.8 0.0 28.2





#35
Dibromofluoromethane
Concen: 24.044 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

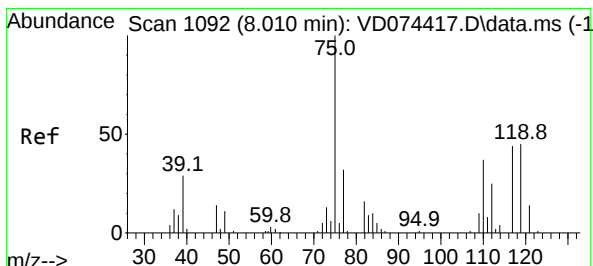
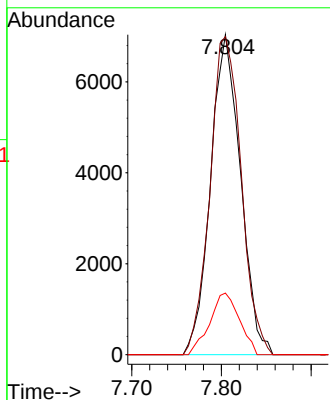
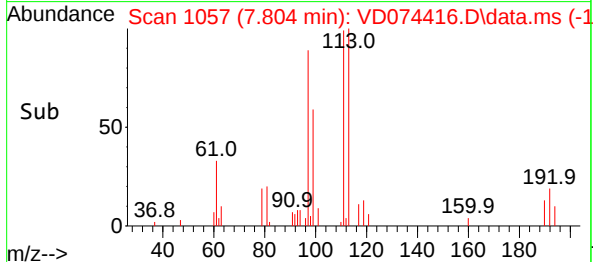
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



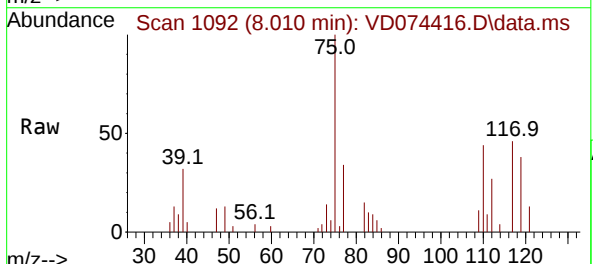
Tgt Ion: 113 Resp: 16319
Ion Ratio Lower Upper
113 100
111 103.5 82.3 123.5
192 19.1 16.4 24.6

Manual Integrations
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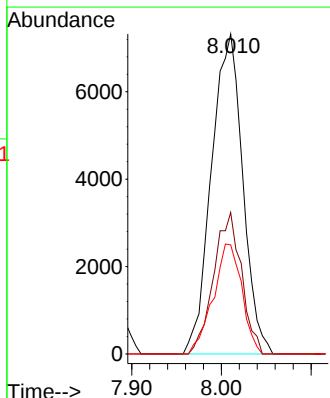
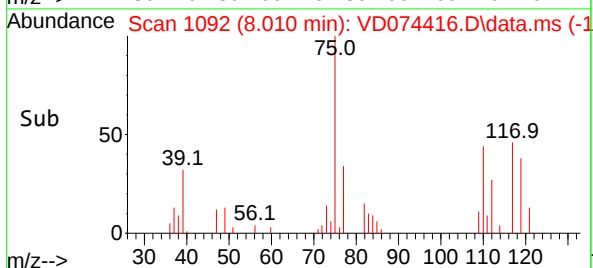
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

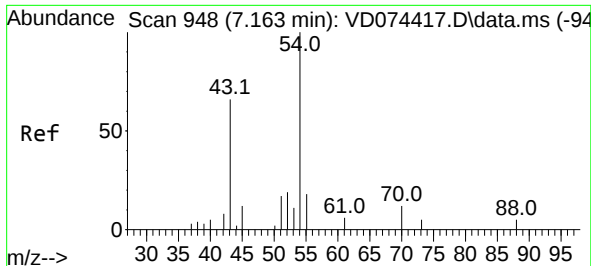


#36
1,1-Dichloropropene
Concen: 21.300 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32



Tgt Ion: 75 Resp: 17745
Ion Ratio Lower Upper
75 100
110 39.3 19.7 59.0
77 31.4 25.4 38.2





#37

Ethyl Acetate

Concen: 18.661 ug/l

RT: 7.157 min Scan# 948

Delta R.T. -0.006 min

Lab File: VD074416.D

Acq: 26 Sep 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

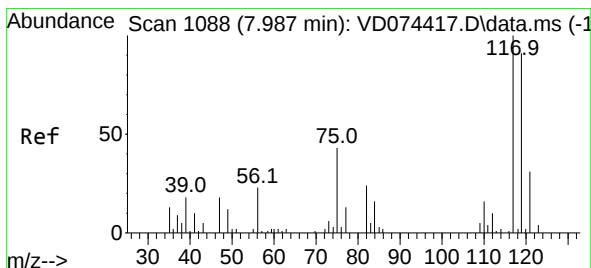
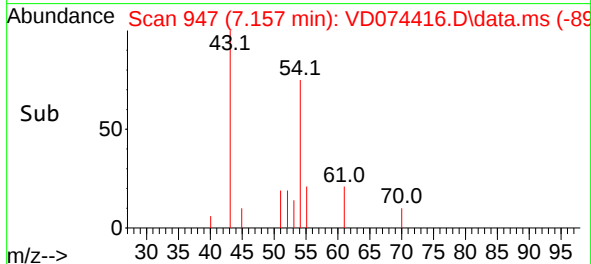
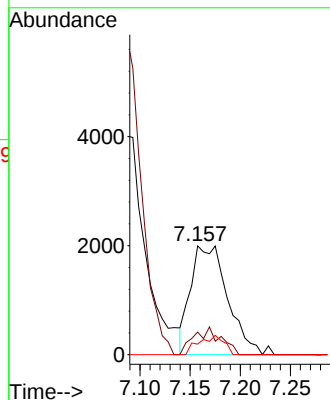
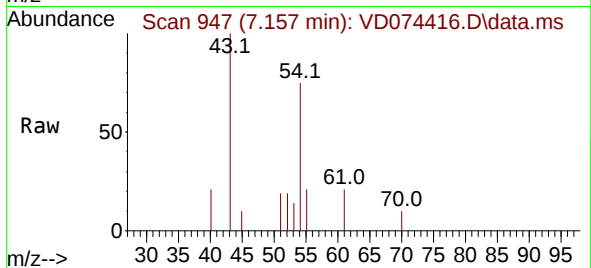
Tgt Ion: 43 Resp: 5164

Ion	Ratio	Lower	Upper
43	100		
61	18.5	12.2	18.4
70	11.9	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#38

Carbon Tetrachloride

Concen: 21.442 ug/l

RT: 7.987 min Scan# 1088

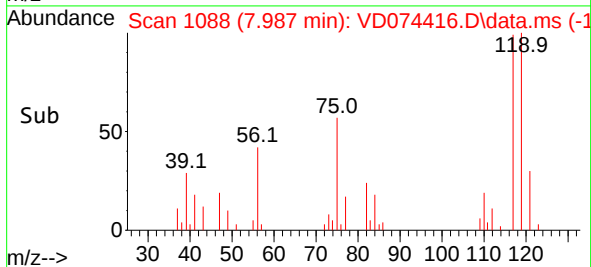
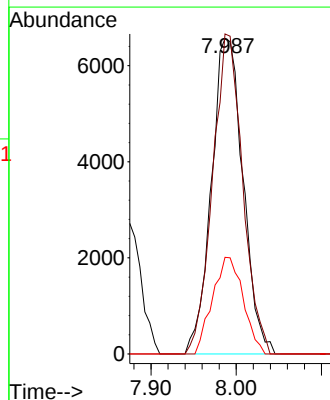
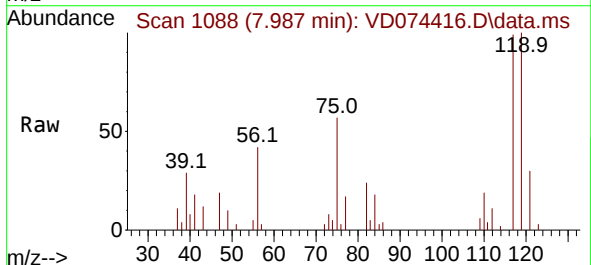
Delta R.T. 0.000 min

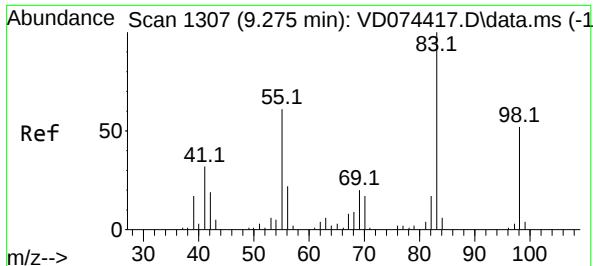
Lab File: VD074416.D

Acq: 26 Sep 2022 12:32

Tgt Ion:117 Resp: 16908

Ion	Ratio	Lower	Upper
117	100		
119	101.5	73.1	109.7
121	30.6	25.0	37.6





#39

Methylcyclohexane

Concen: 22.925 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD074416.D

Acq: 26 Sep 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

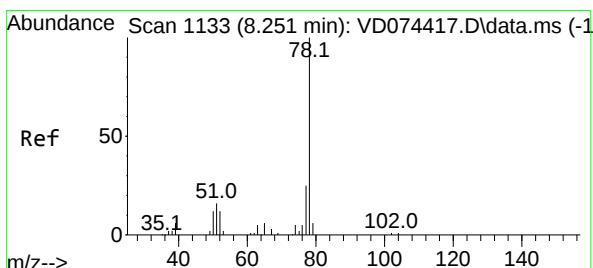
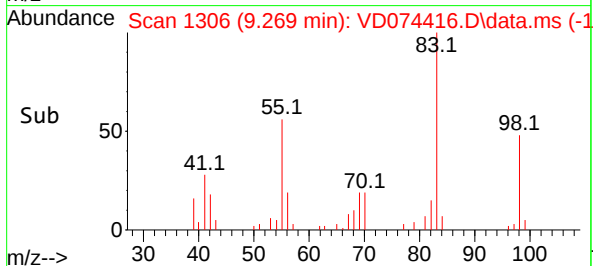
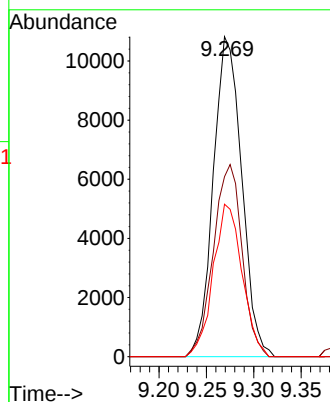
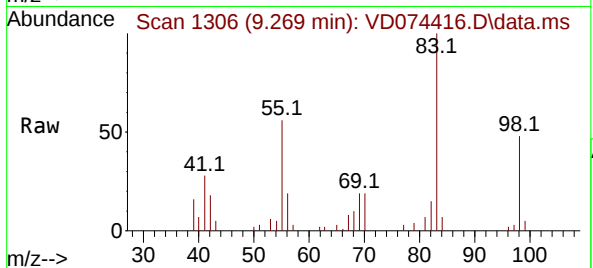
Tgt Ion: 83	Resp: 2254
Ion Ratio	Lower Upper
83 100	
55 56.2	49.0 73.4
98 47.6	41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#40

Benzene

Concen: 21.416 ug/l

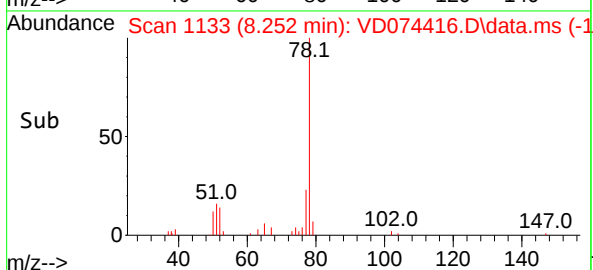
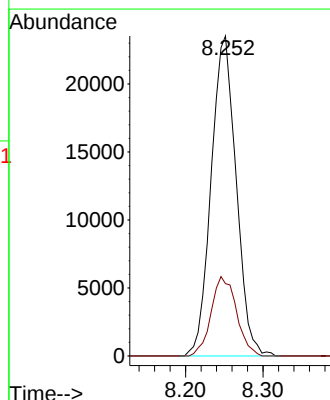
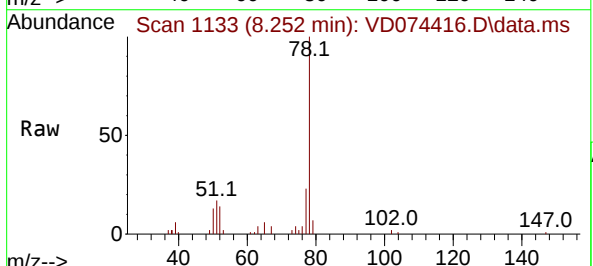
RT: 8.252 min Scan# 1133

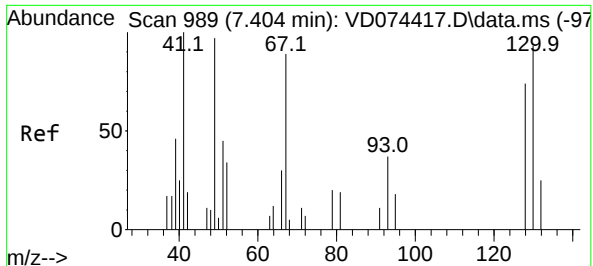
Delta R.T. 0.000 min

Lab File: VD074416.D

Acq: 26 Sep 2022 12:32

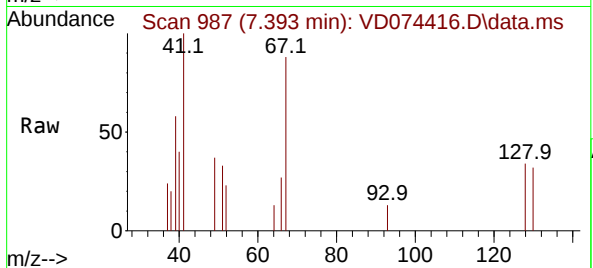
Tgt Ion: 78	Resp: 52778
Ion Ratio	Lower Upper
78 100	
77 22.6	20.1 30.1





#41
Methacrylonitrile
Concen: 20.022 ug/l m
RT: 7.393 min Scan# 987
Delta R.T. -0.012 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

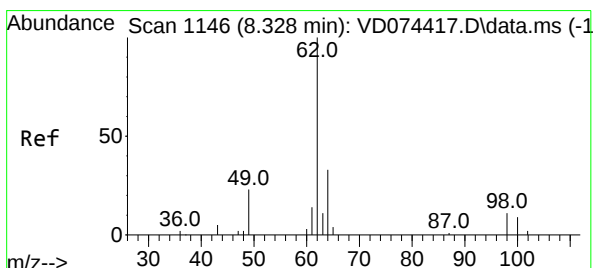
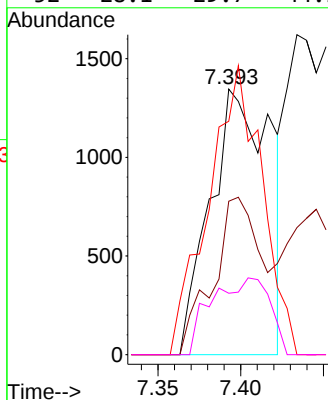
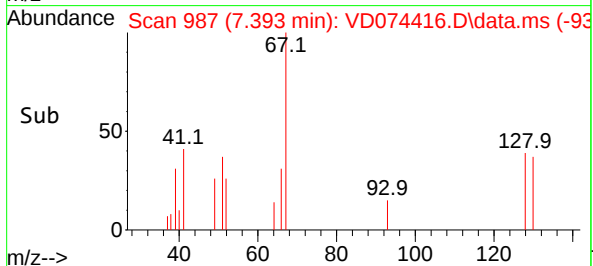
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 3398
Ion Ratio Lower Upper
41 100
39 46.0 35.0 52.6
67 96.7 77.0 115.6
52 28.1 29.7 44.5#

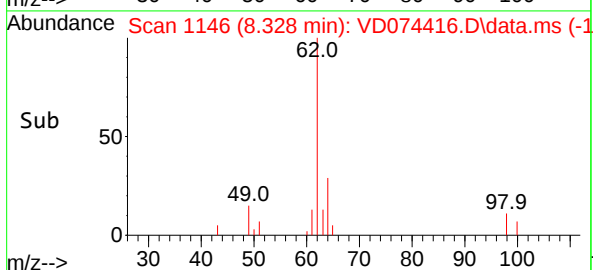
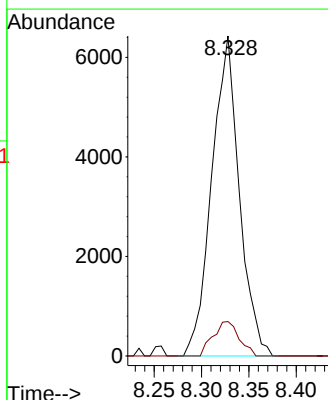
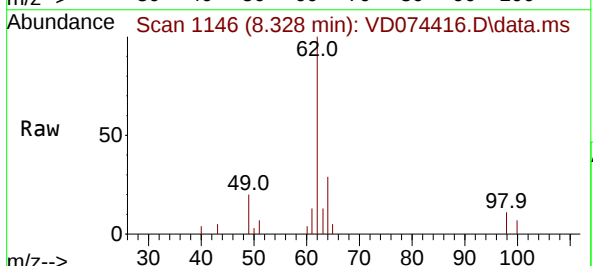
Manual Integrations
APPROVED

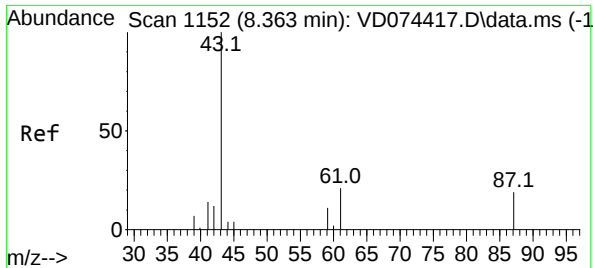
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#42
1,2-Dichloroethane
Concen: 21.089 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

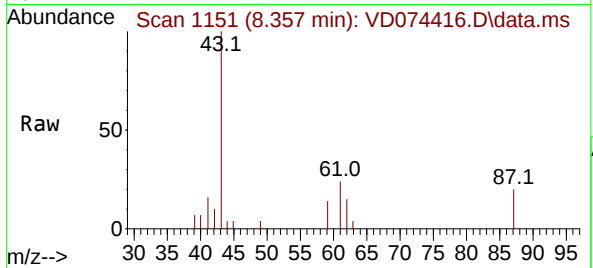
Tgt Ion: 62 Resp: 13003
Ion Ratio Lower Upper
62 100
98 10.2 0.0 24.2





#43
Isopropyl Acetate
Concen: 20.154 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

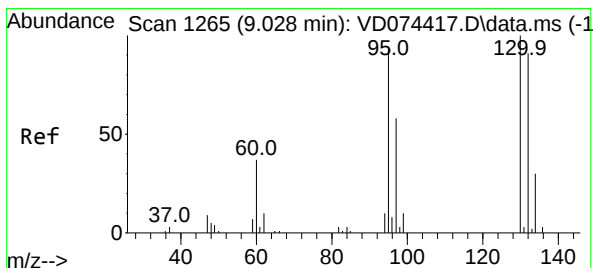
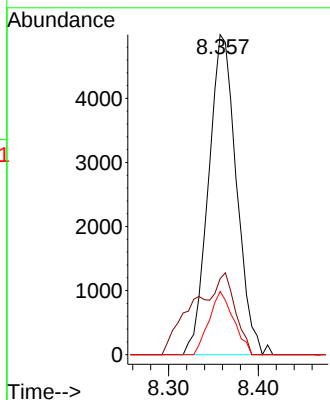
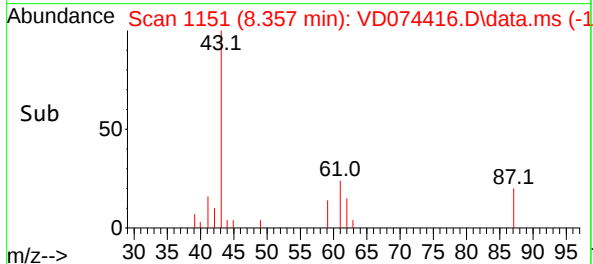
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
61 18.7 30.9 46.3
87 17.2 14.3 21.5

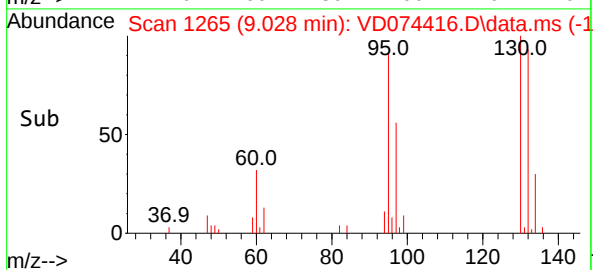
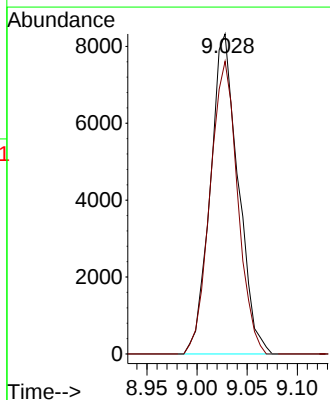
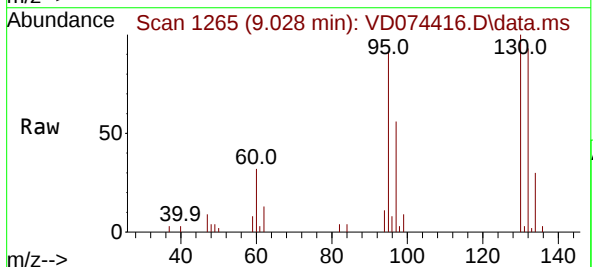
Manual Integrations
APPROVED

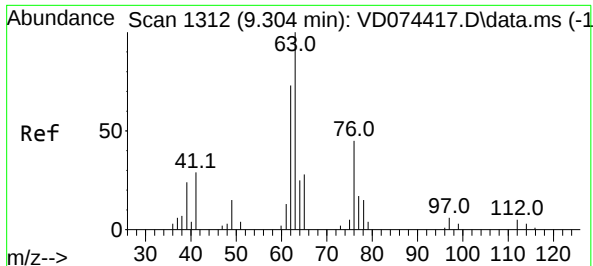
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#44
Trichloroethene
Concen: 21.489 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Tgt Ion:130 Resp: 16094
Ion Ratio Lower Upper
130 100
95 91.5 0.0 185.4





#45

1,2-Dichloropropane

Concen: 21.437 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD074416.D

Acq: 26 Sep 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 12609

Ion Ratio Lower Upper

63 100

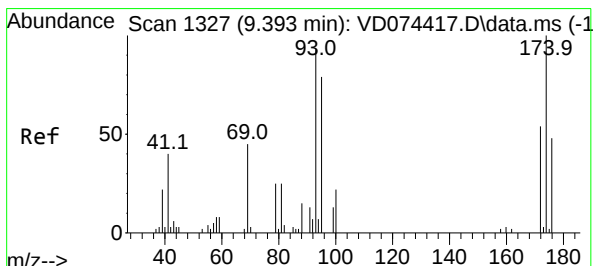
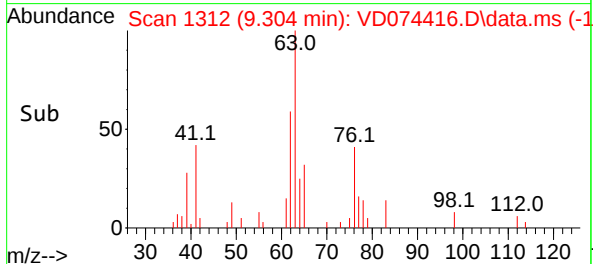
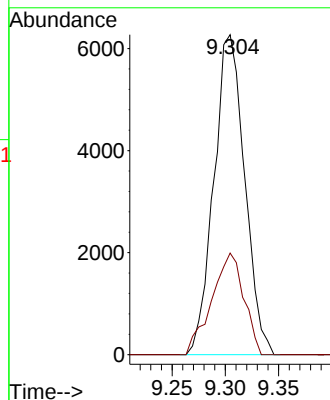
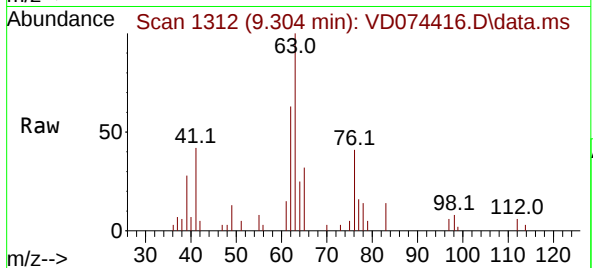
65 31.8 23.1 34.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#46

Dibromomethane

Concen: 21.038 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD074416.D

Acq: 26 Sep 2022 12:32

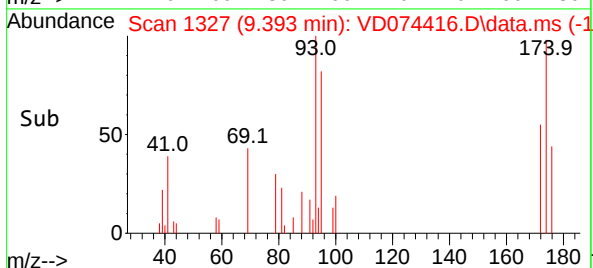
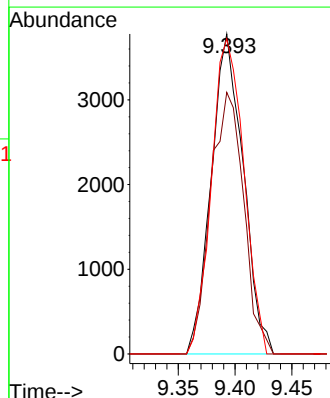
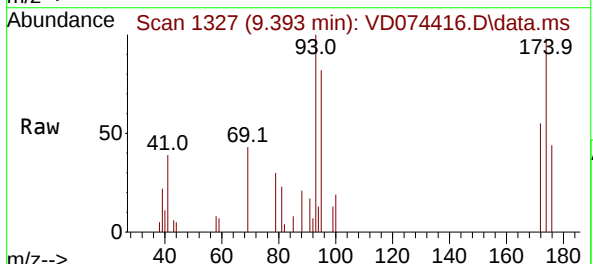
Tgt Ion: 93 Resp: 7383

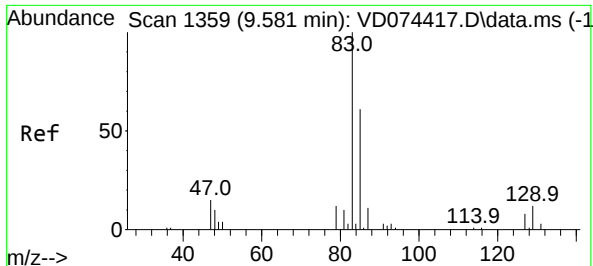
Ion Ratio Lower Upper

93 100

95 84.9 68.2 102.2

174 100.0 87.4 131.0





#47

Bromodichloromethane

Concen: 20.446 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VD074416.D

Acq: 26 Sep 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

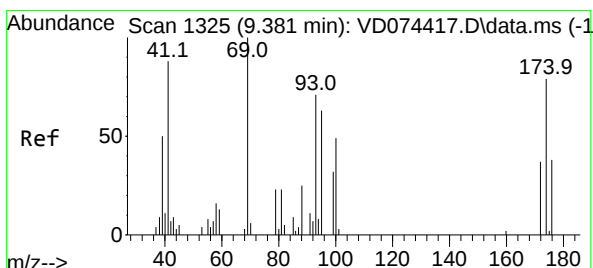
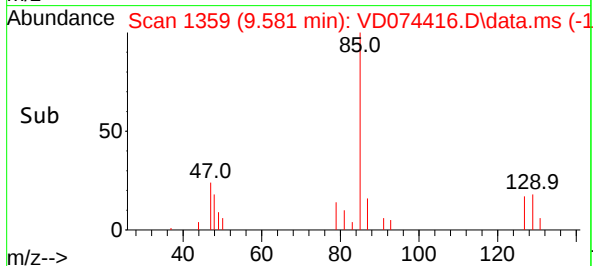
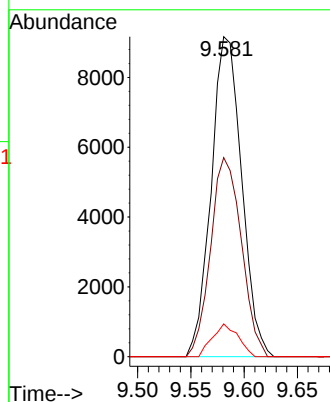
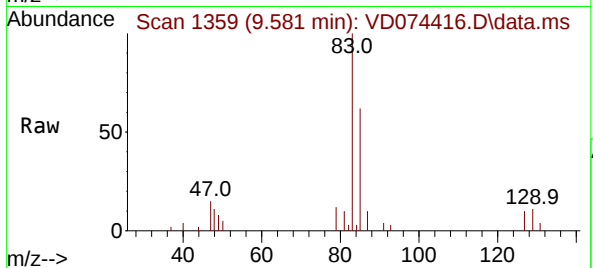
Tgt Ion: 83	Resp: 1821
Ion Ratio	Lower Upper
83 100	
85 62.2	48.8 73.2
127 10.3	6.7 10.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#48

Methyl methacrylate

Concen: 20.826 ug/l

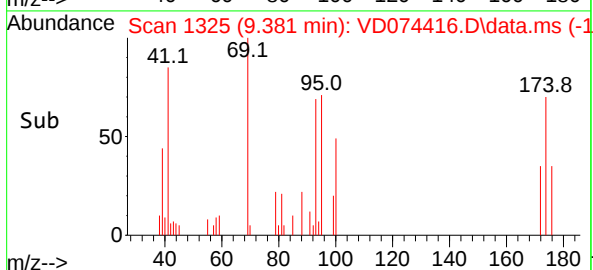
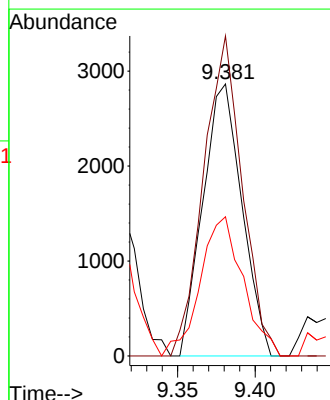
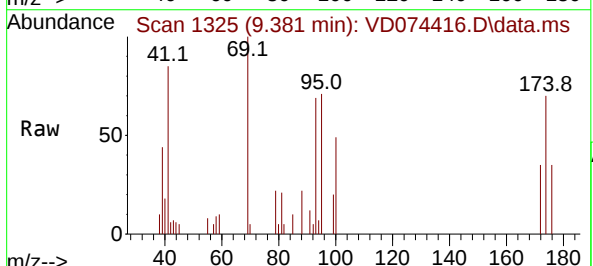
RT: 9.381 min Scan# 1325

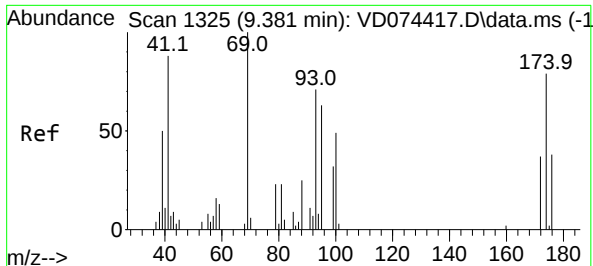
Delta R.T. 0.000 min

Lab File: VD074416.D

Acq: 26 Sep 2022 12:32

Tgt Ion: 41	Resp: 5018
Ion Ratio	Lower Upper
41 100	
69 116.3	93.0 139.4
39 56.0	44.6 66.8





#49

1,4-Dioxane

Concen: 465.453 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.012 min

Lab File: VD074416.D

Acq: 26 Sep 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 1614

Ion Ratio Lower Upper

88 100

43 23.2 24.1 36.1

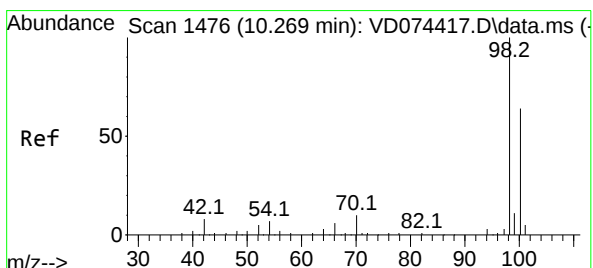
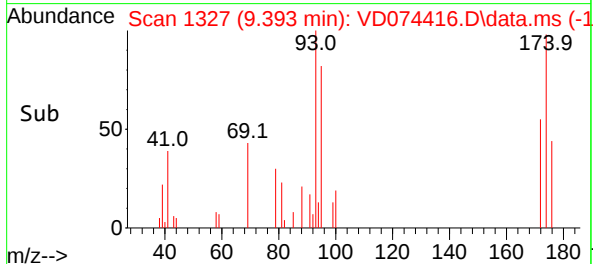
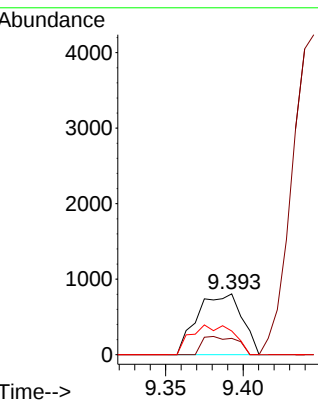
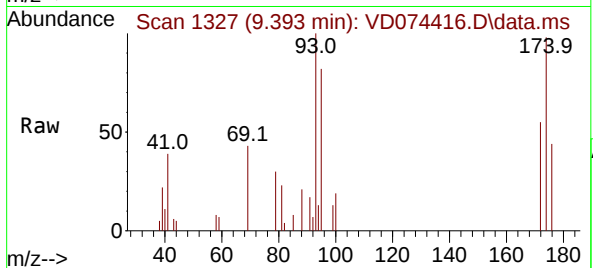
58 46.5 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#50

Toluene-d8

Concen: 17.480 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074416.D

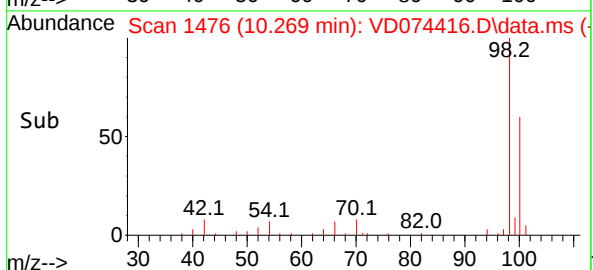
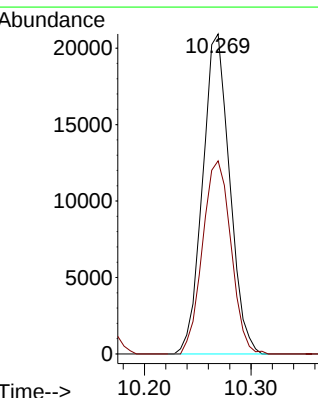
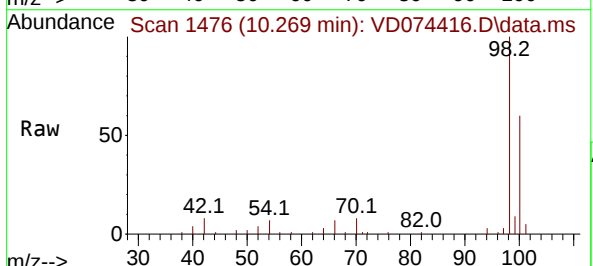
Acq: 26 Sep 2022 12:32

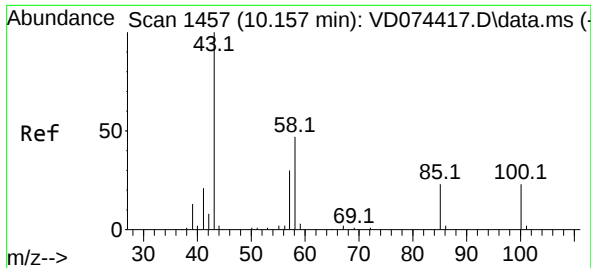
Tgt Ion: 98 Resp: 36838

Ion Ratio Lower Upper

98 100

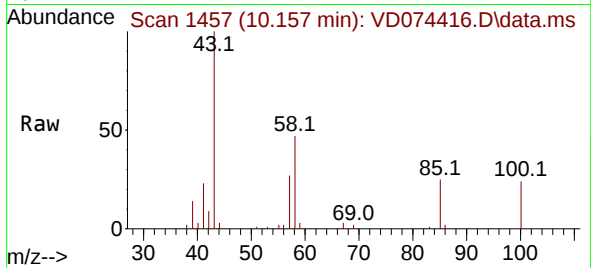
100 63.5 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 99.590 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

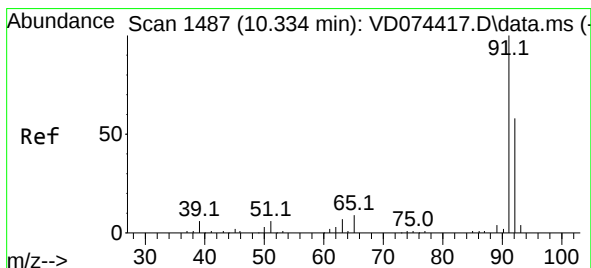
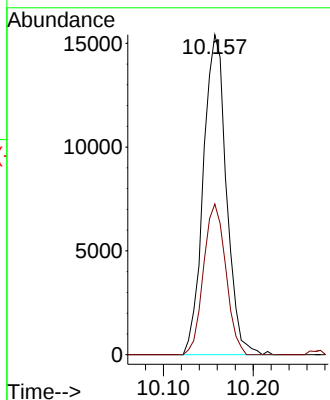
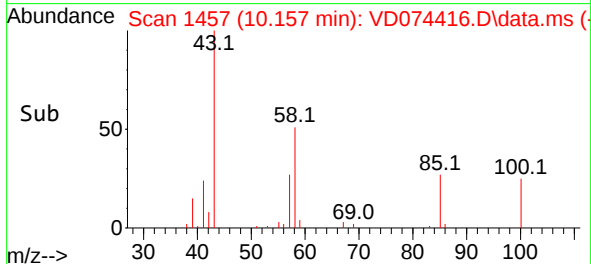
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 27499
Ion Ratio Lower Upper
43 100
58 45.4 37.8 56.6

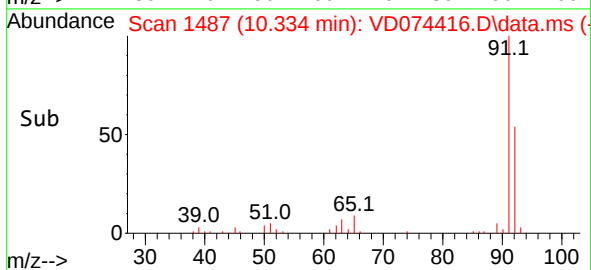
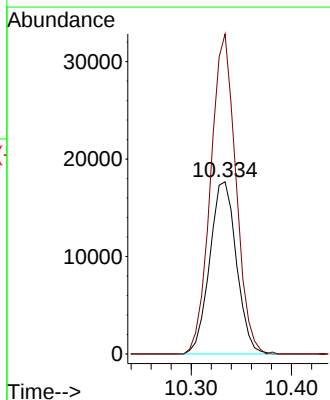
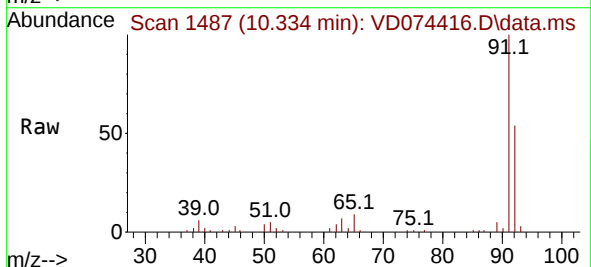
Manual Integrations
APPROVED

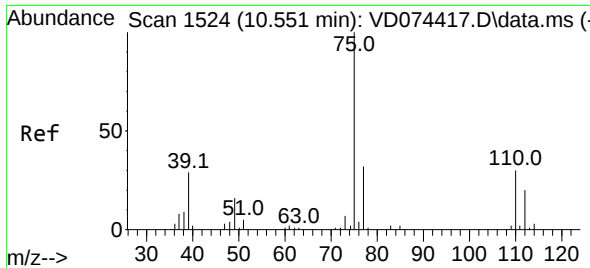
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#52
Toluene
Concen: 20.553 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Tgt Ion: 92 Resp: 32629
Ion Ratio Lower Upper
92 100
91 176.1 139.0 208.4





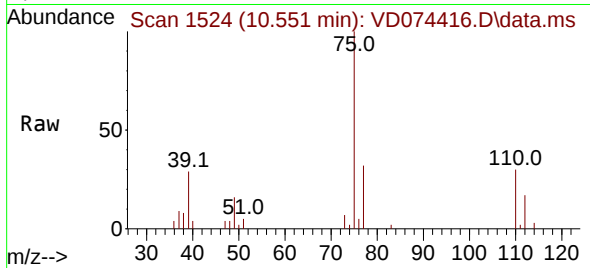
#53
 t-1,3-Dichloropropene
 Concen: 19.444 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD074416.D
 Acq: 26 Sep 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

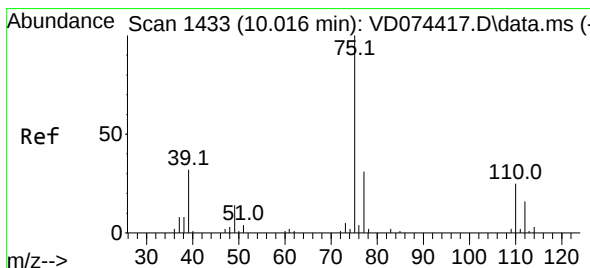
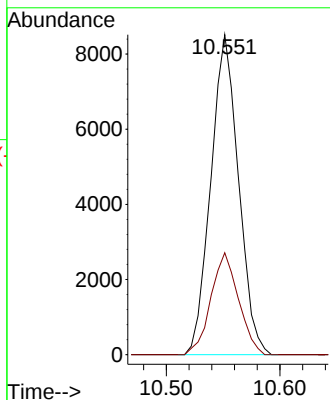
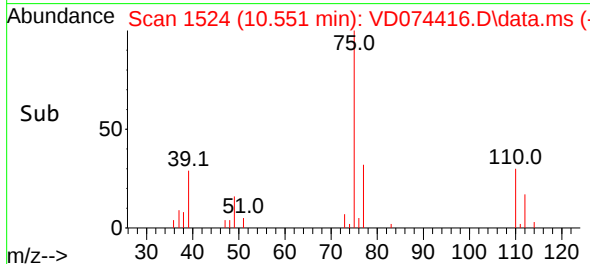


Tgt Ion: 75 Resp: 14428
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.6 38.4

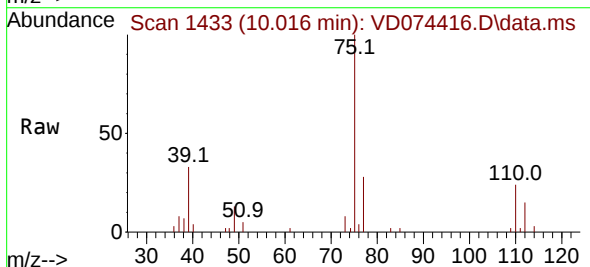
Manual Integrations

APPROVED

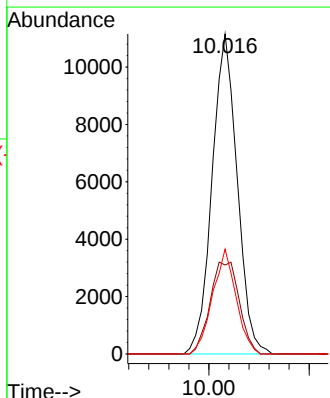
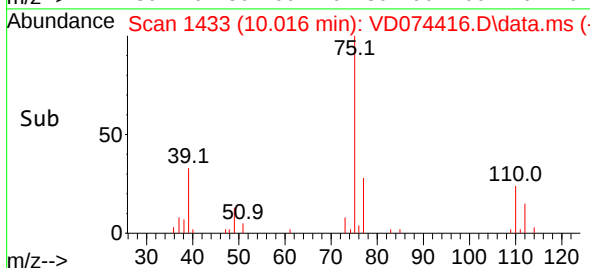
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022

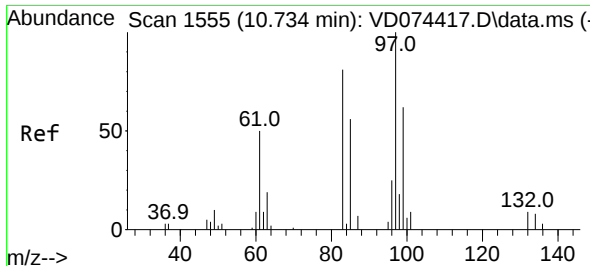


#54
 cis-1,3-Dichloropropene
 Concen: 20.508 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD074416.D
 Acq: 26 Sep 2022 12:32



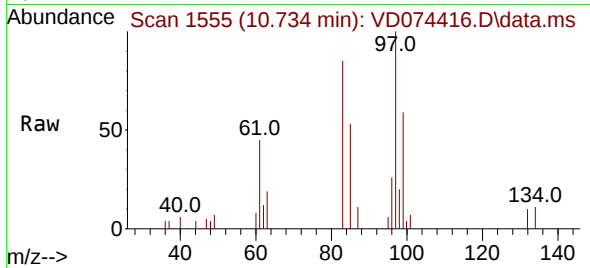
Tgt Ion: 75 Resp: 19340
 Ion Ratio Lower Upper
 75 100
 77 27.8 24.7 37.1
 39 32.8 25.4 38.2





#55
1,1,2-Trichloroethane
Concen: 19.406 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

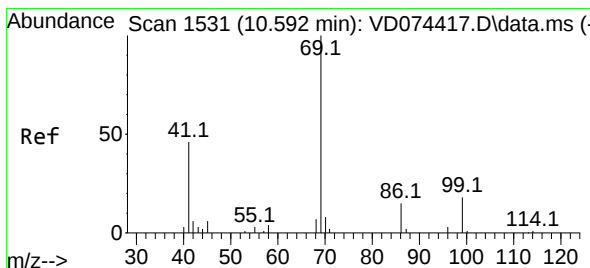
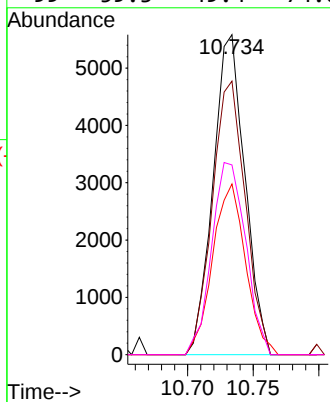
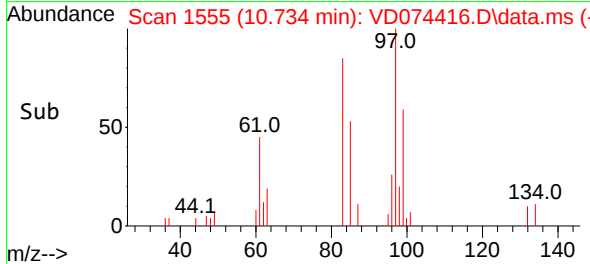
Instrument : MSVOA_D
ClientSampleId : VSTDIC020



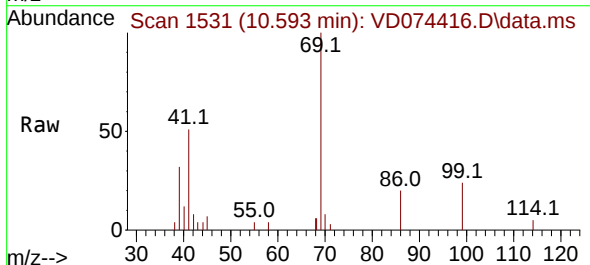
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.5	64.8	97.2
85	53.3	44.8	67.2
99	59.3	49.4	74.0

Manual Integrations
APPROVED

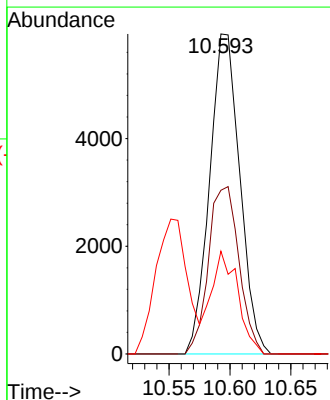
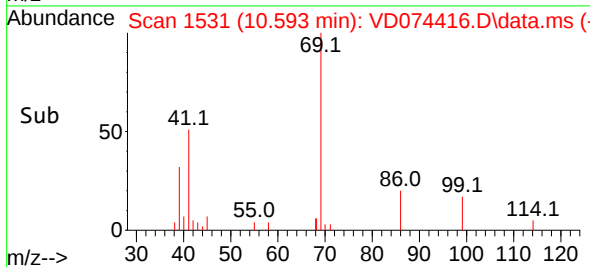
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

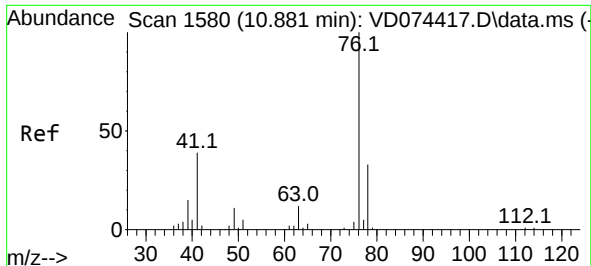


#56
Ethyl methacrylate
Concen: 19.018 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32



Tgt Ion	Ratio	Lower	Upper
69	100		
41	52.8	38.6	58.0
39	28.5	19.9	29.9





#57

1,3-Dichloropropane

Concen: 19.505 ug/l

RT: 10.875 min Scan# 15279

Delta R.T. -0.006 min

Lab File: VD074416.D

Acq: 26 Sep 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 15279

Ion Ratio Lower Upper

76 100

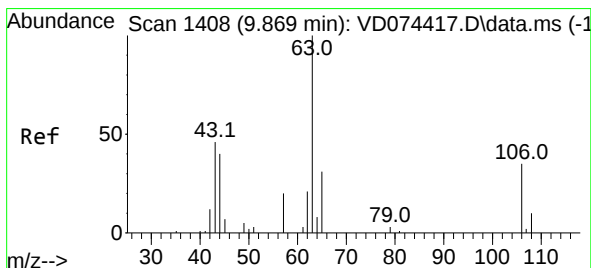
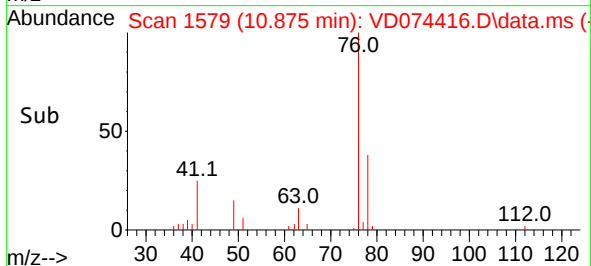
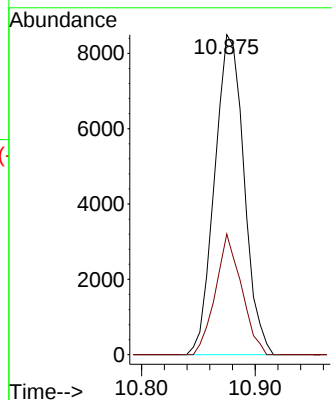
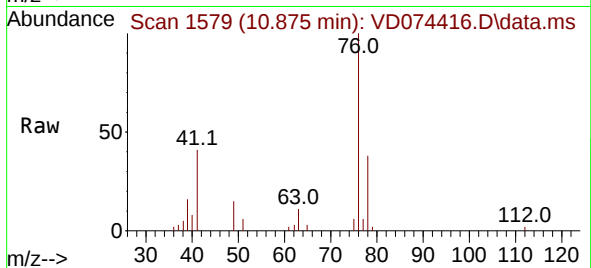
78 33.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#58

2-Chloroethyl Vinyl ether

Concen: 74.499 ug/l

RT: 9.863 min Scan# 1407

Delta R.T. -0.006 min

Lab File: VD074416.D

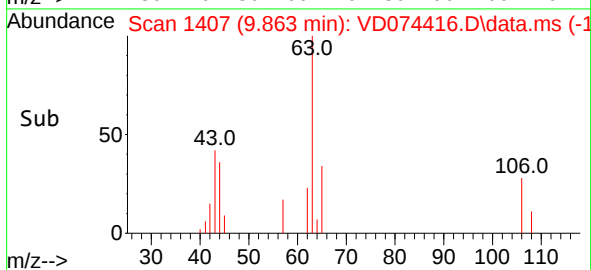
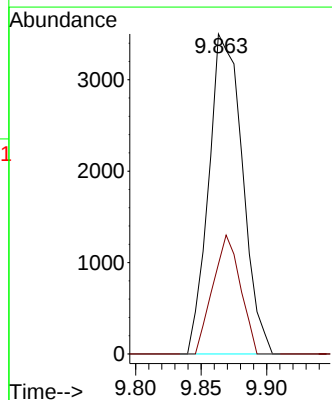
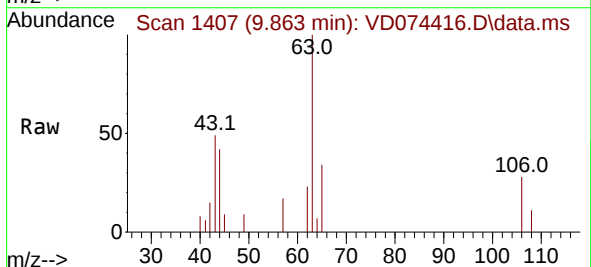
Acq: 26 Sep 2022 12:32

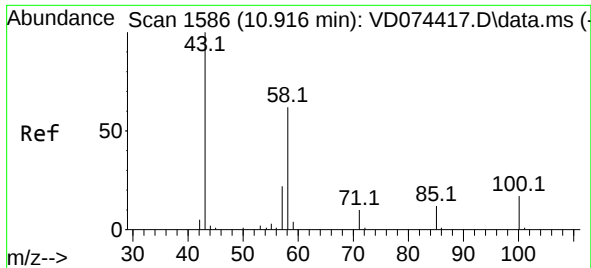
Tgt Ion: 63 Resp: 6253

Ion Ratio Lower Upper

63 100

106 30.3 26.5 39.7





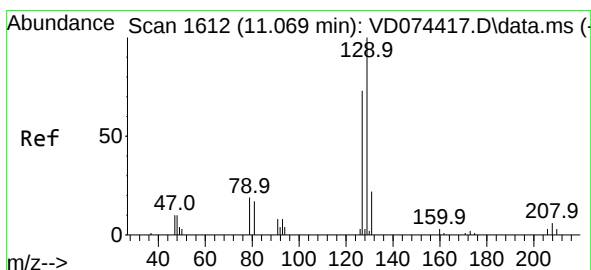
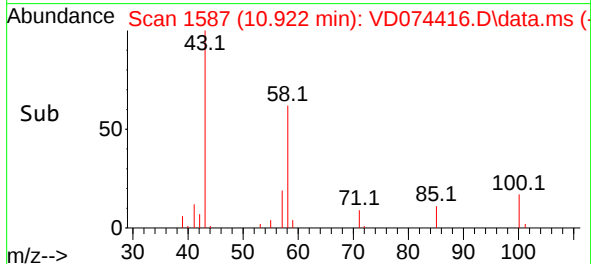
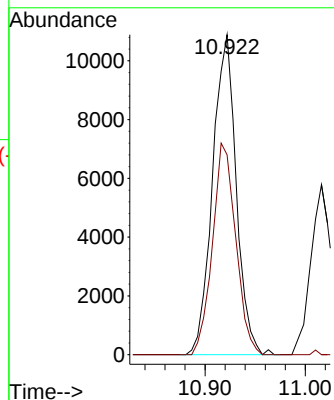
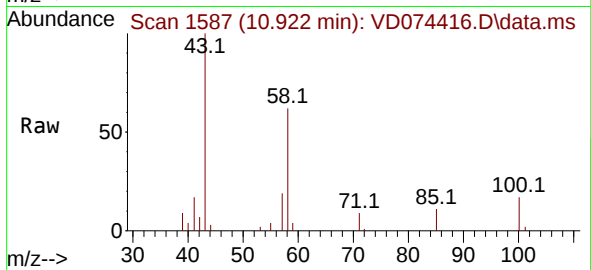
#59
2-Hexanone
Concen: 95.981 ug/l
RT: 10.922 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 17828
Ion Ratio Lower Upper
43 100
58 65.2 32.0 96.2

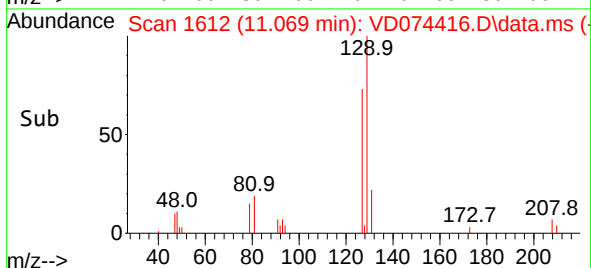
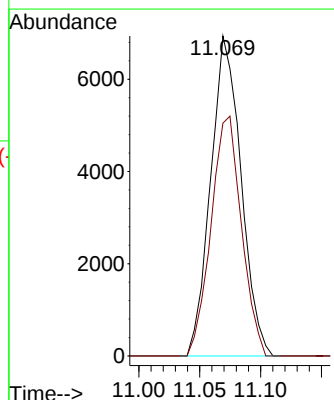
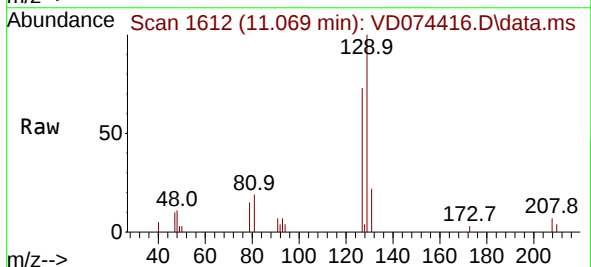
Manual Integrations
APPROVED

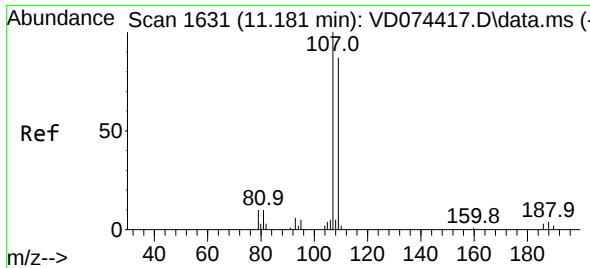
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#60
Dibromochloromethane
Concen: 19.921 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

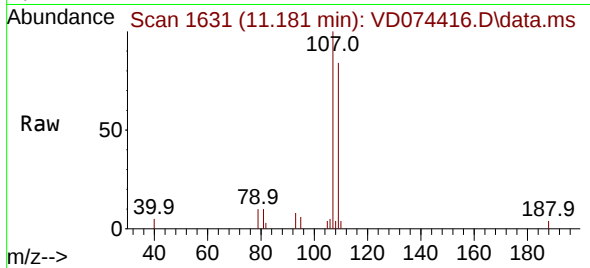
Tgt Ion:129 Resp: 12045
Ion Ratio Lower Upper
129 100
127 74.9 39.1 117.2





#61
1,2-Dibromoethane
Concen: 20.040 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

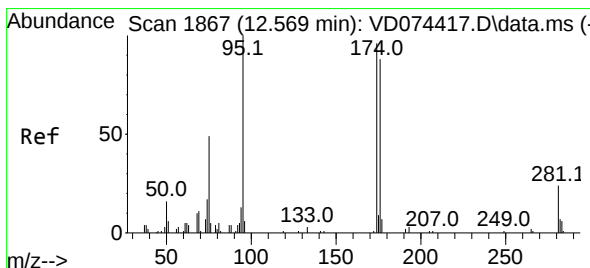
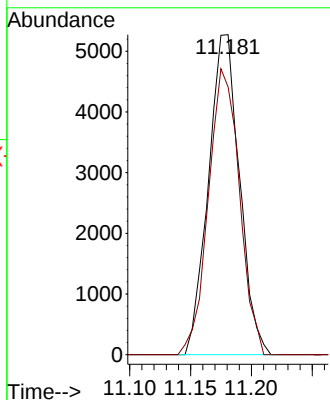
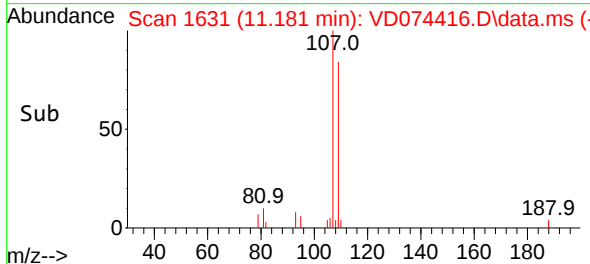
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



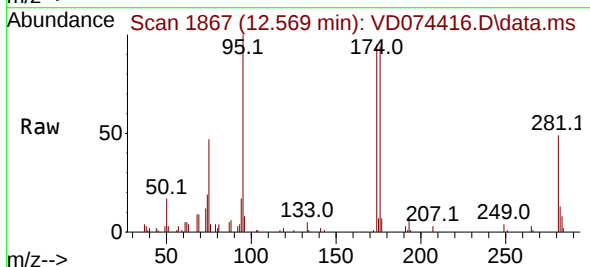
Tgt Ion:107 Resp: 9370
Ion Ratio Lower Upper
107 100
109 89.0 74.6 111.8

Manual Integrations
APPROVED

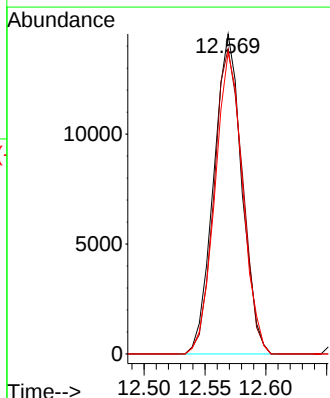
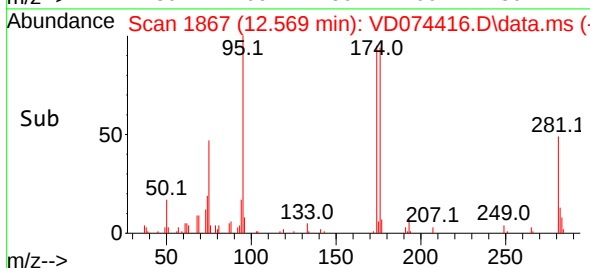
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

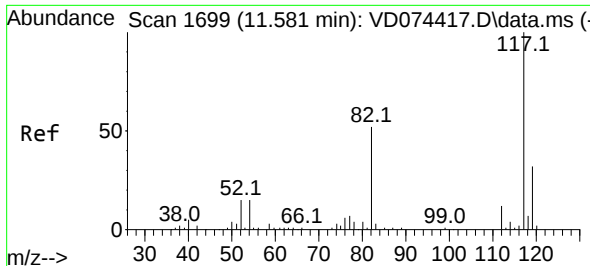


#62
4-Bromofluorobenzene
Concen: 27.645 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32



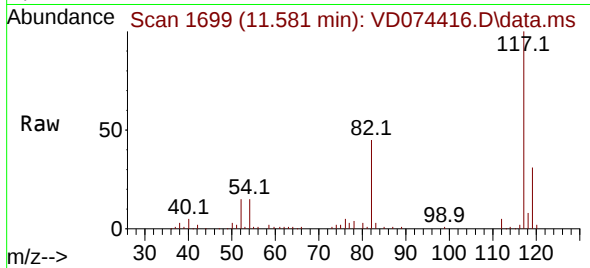
Tgt Ion: 95 Resp: 23348
Ion Ratio Lower Upper
95 100
174 96.4 0.0 197.0
176 93.1 0.0 182.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

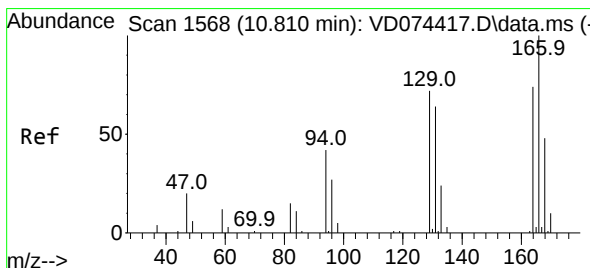
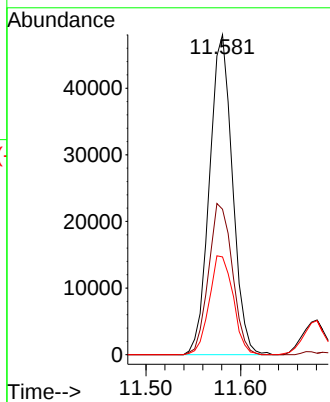
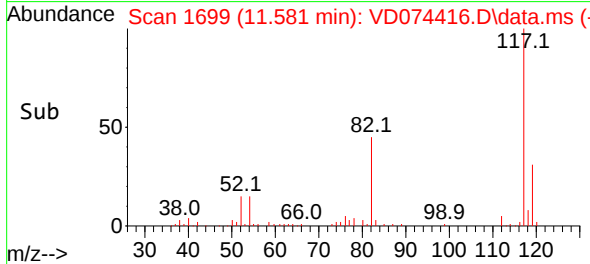
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



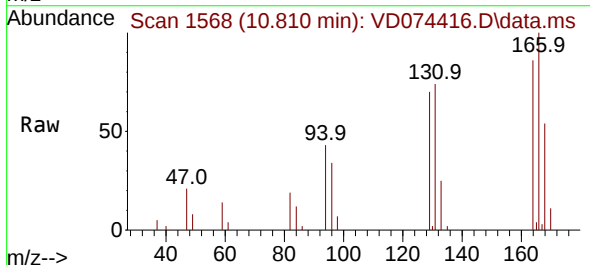
Tgt Ion:117 Resp: 80949
Ion Ratio Lower Upper
117 100
82 45.4 41.6 62.4
119 30.5 25.2 37.8

Manual Integrations
APPROVED

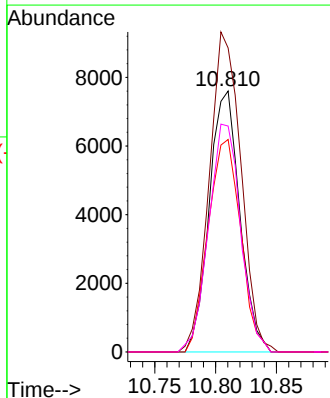
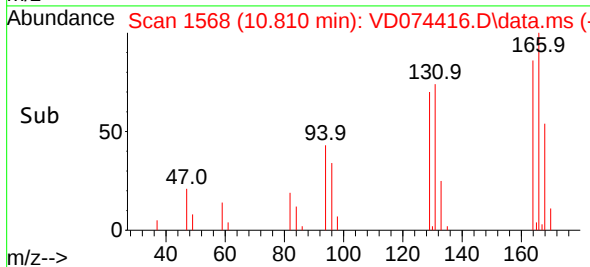
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

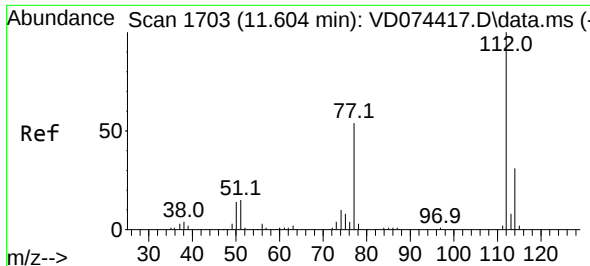


#64
Tetrachloroethene
Concen: 20.950 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32



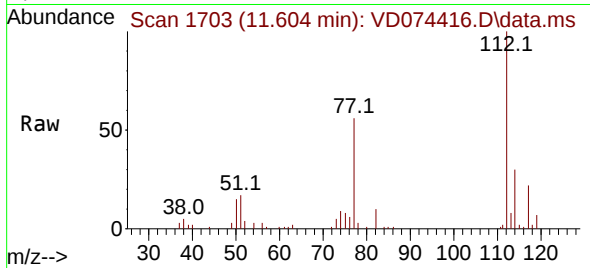
Tgt Ion:164 Resp: 13238
Ion Ratio Lower Upper
164 100
166 116.5 107.8 161.8
129 81.4 77.4 116.2
131 86.5 69.5 104.3





#65
Chlorobenzene
Concen: 20.628 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

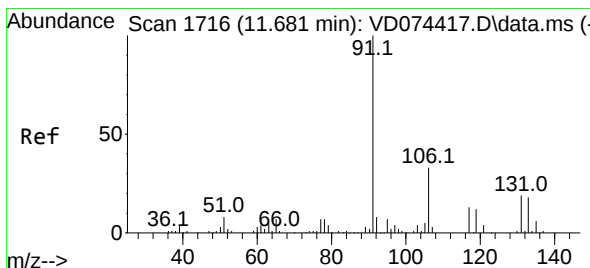
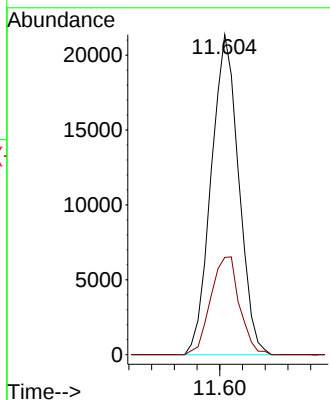
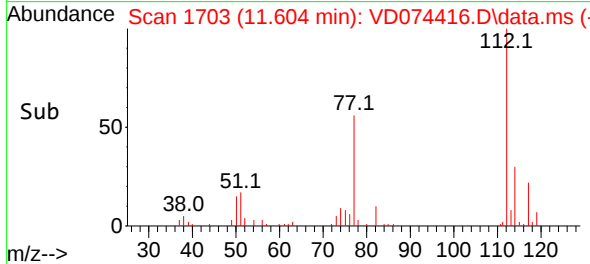
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:112 Resp: 3599
Ion Ratio Lower Upper
112 100
114 30.4 25.1 37.7

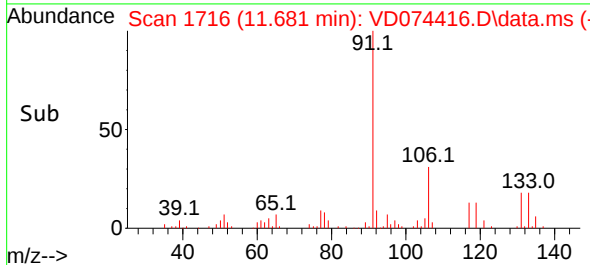
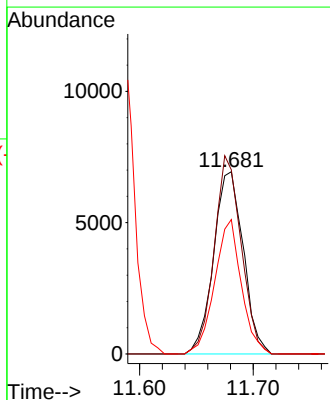
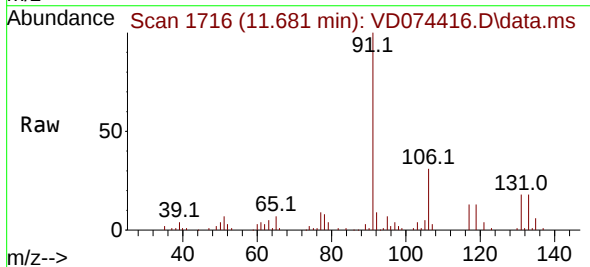
Manual Integrations
APPROVED

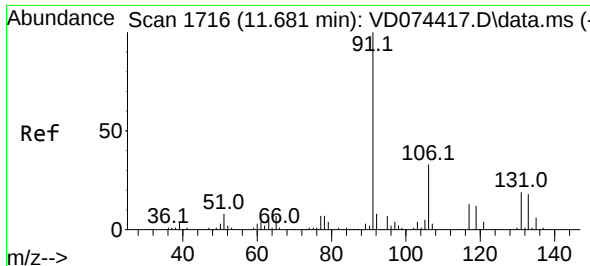
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.993 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Tgt Ion:131 Resp: 12600
Ion Ratio Lower Upper
131 100
133 98.8 46.6 139.8
119 66.2 32.5 97.4





#67

Ethyl Benzene

Concen: 20.836 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD074416.D

Acq: 26 Sep 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 63918

Ion Ratio Lower Upper

91 100

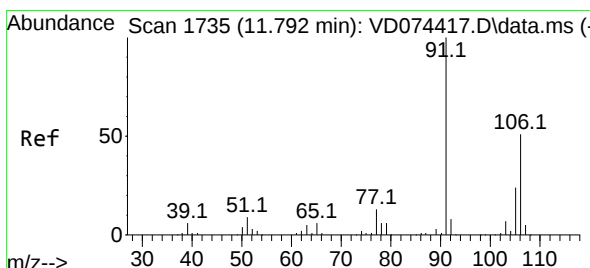
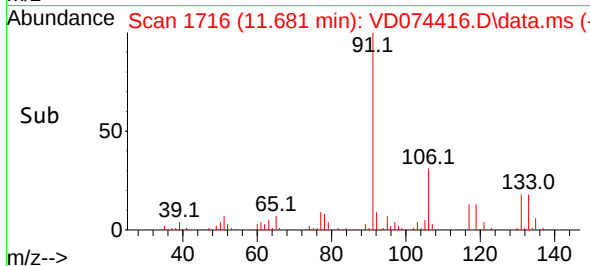
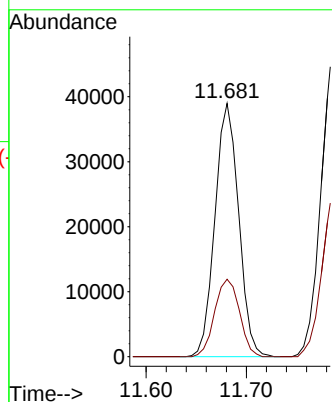
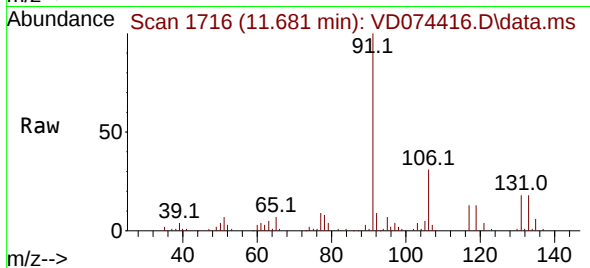
106 30.6 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#68

m/p-Xylenes

Concen: 42.441 ug/l

RT: 11.787 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VD074416.D

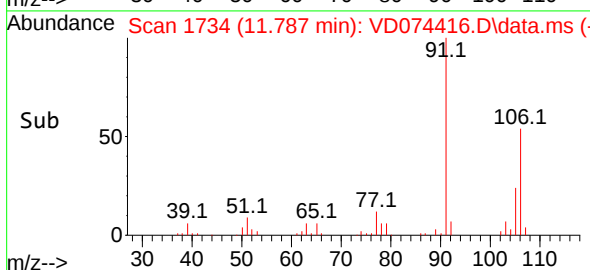
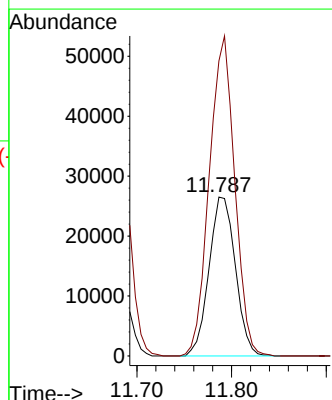
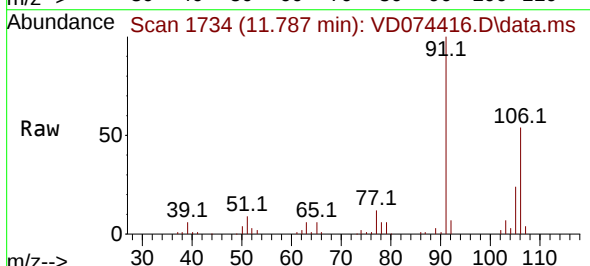
Acq: 26 Sep 2022 12:32

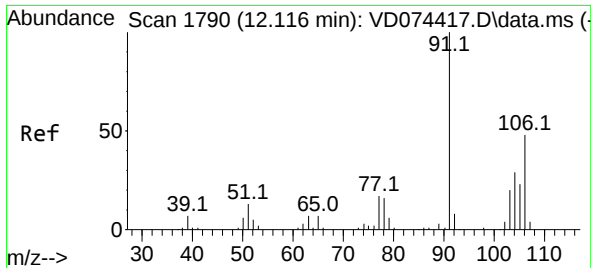
Tgt Ion:106 Resp: 51271

Ion Ratio Lower Upper

106 100

91 194.1 156.2 234.4





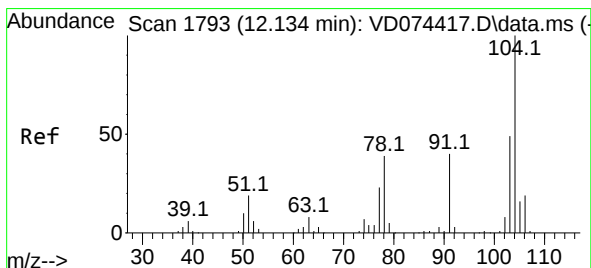
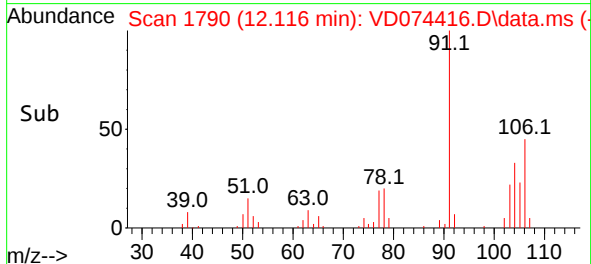
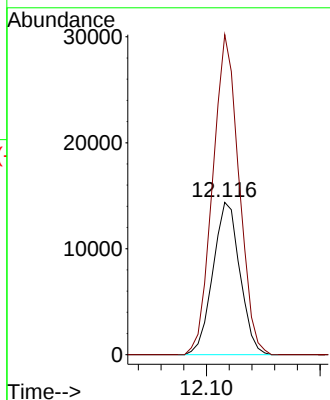
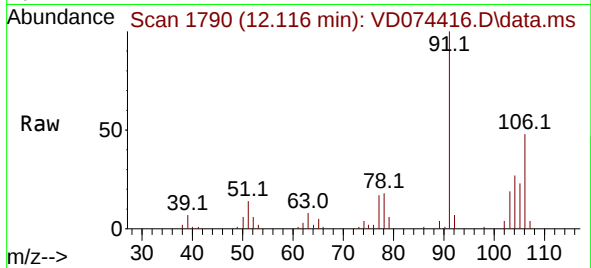
#69
o-Xylene
Concen: 21.126 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 23698
Ion Ratio Lower Upper
106 100
91 204.7 104.5 313.3

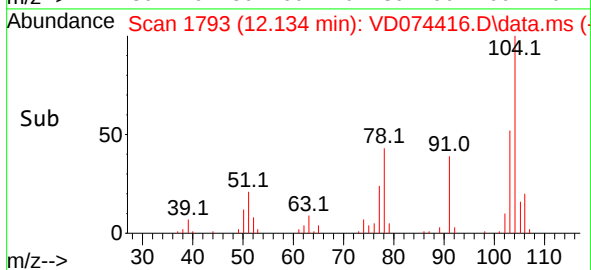
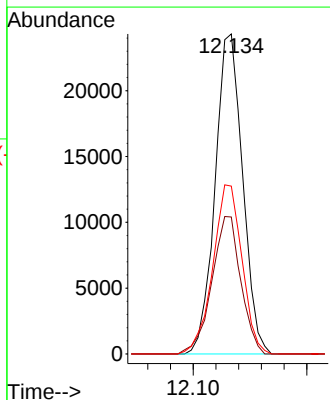
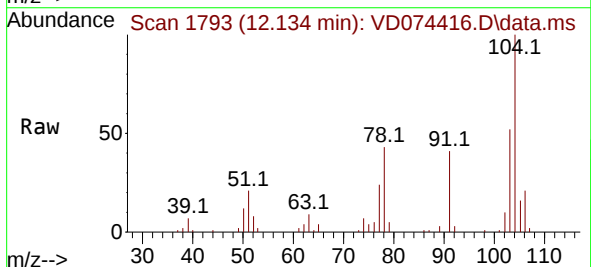
Manual Integrations
APPROVED

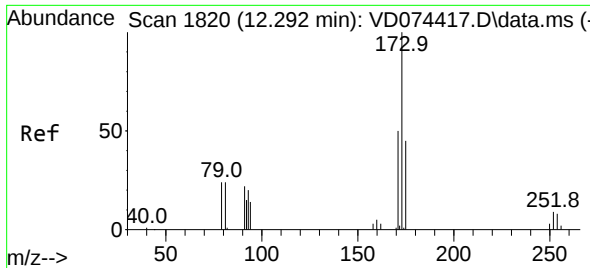
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#70
Styrene
Concen: 21.002 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Tgt Ion:104 Resp: 40887
Ion Ratio Lower Upper
104 100
78 45.1 35.7 53.5
103 55.9 43.7 65.5





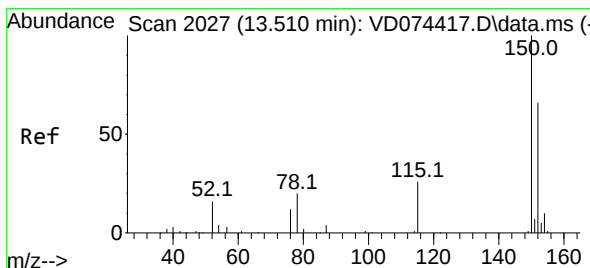
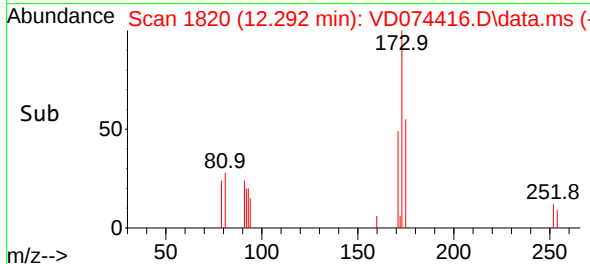
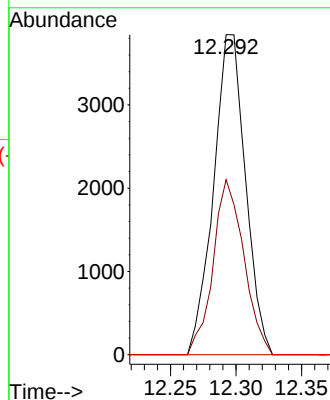
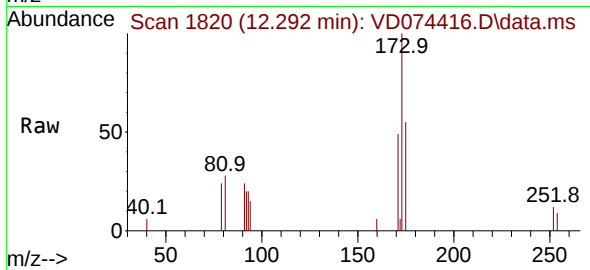
#71
Bromoform
Concen: 18.759 ug/l
RT: 12.292 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 6520
Ion Ratio Lower Upper
173 100
175 52.6 23.1 69.3
254 0.0 0.0 0.0

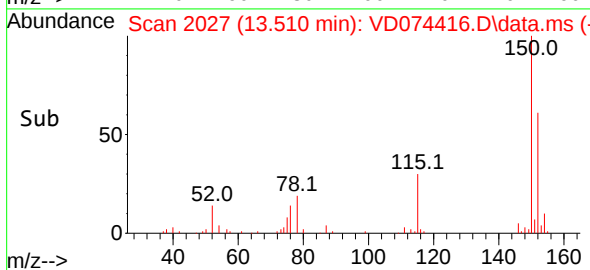
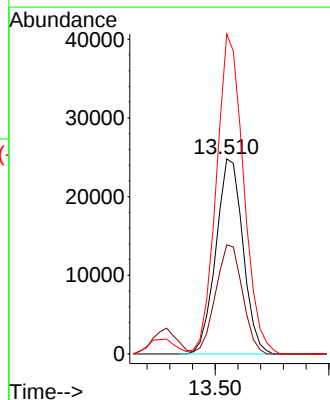
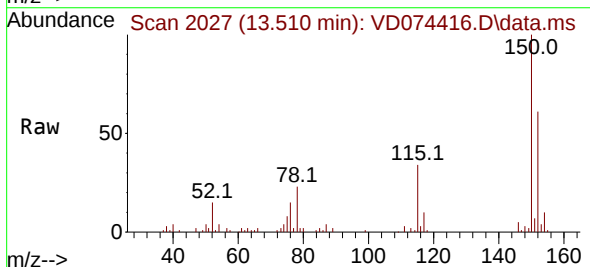
Manual Integrations
APPROVED

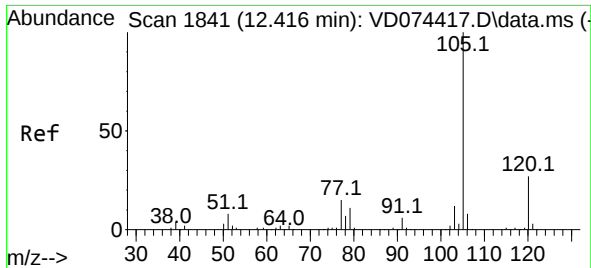
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Tgt Ion:152 Resp: 41067
Ion Ratio Lower Upper
152 100
115 55.6 26.8 80.4
150 165.4 0.0 348.2





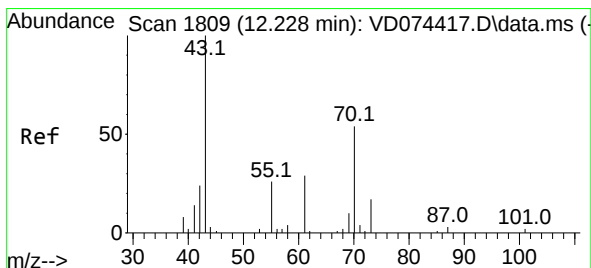
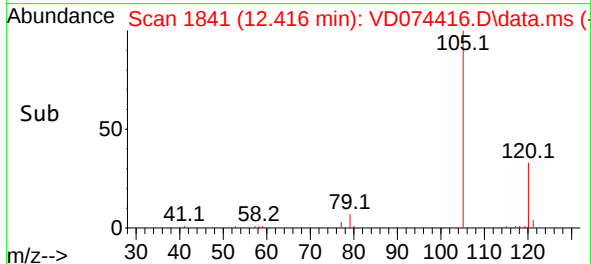
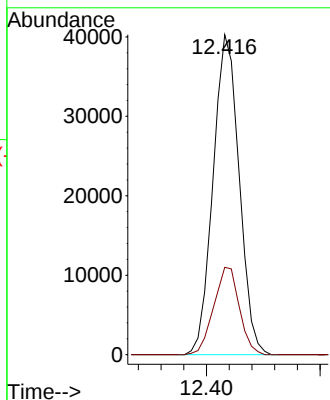
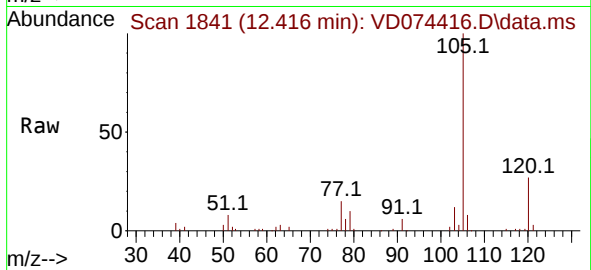
#73
Isopropylbenzene
Concen: 21.156 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 64240
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4

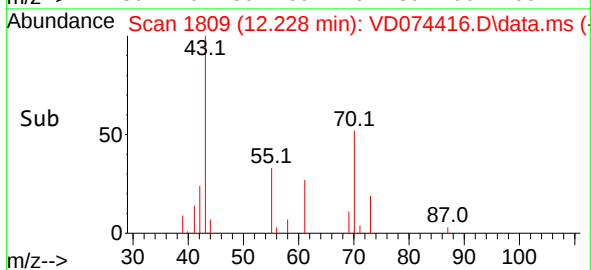
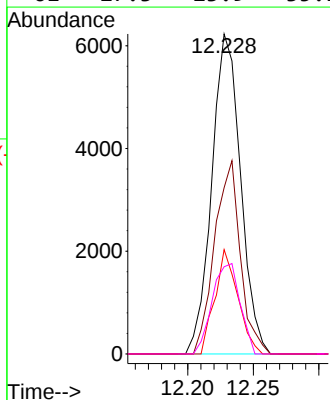
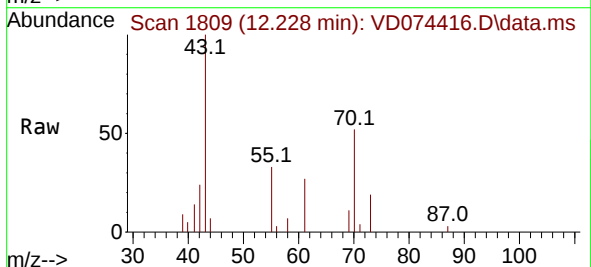
Manual Integrations
APPROVED

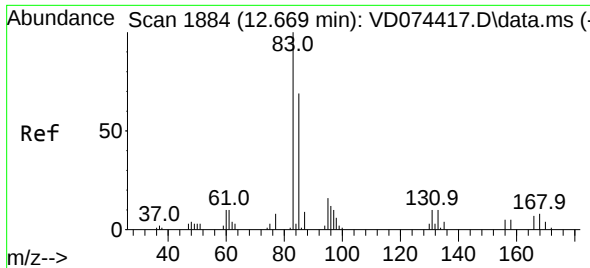
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#74
N-ethyl acetate
Concen: 19.922 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

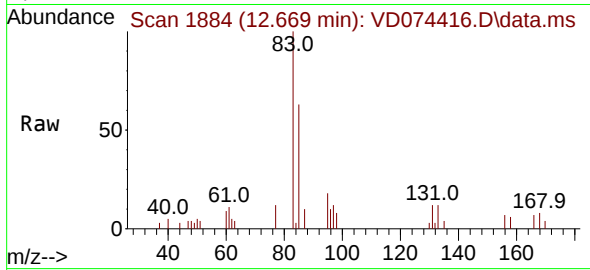
Tgt Ion: 43 Resp: 9519
Ion Ratio Lower Upper
43 100
70 54.0 43.8 65.6
55 26.0 22.0 33.0
61 27.3 23.9 35.9





#75
1,1,2,2-Tetrachloroethane
Concen: 20.360 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

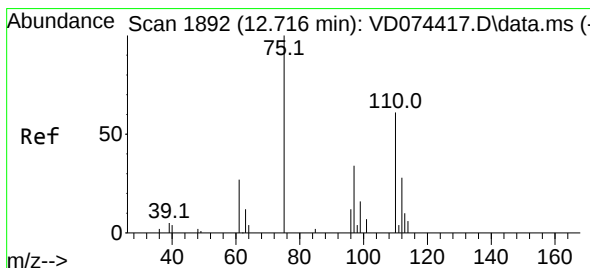
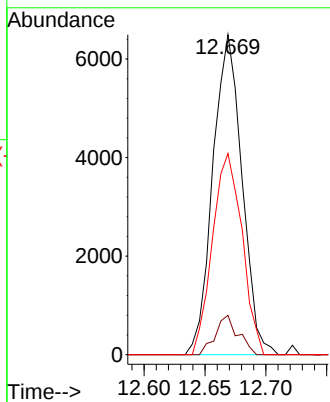
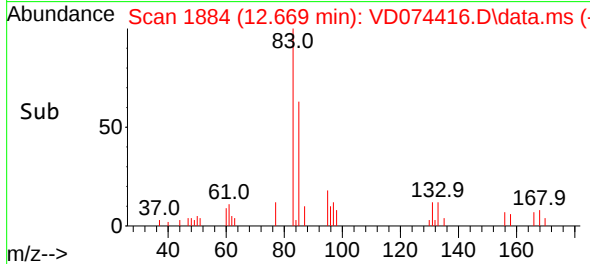
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



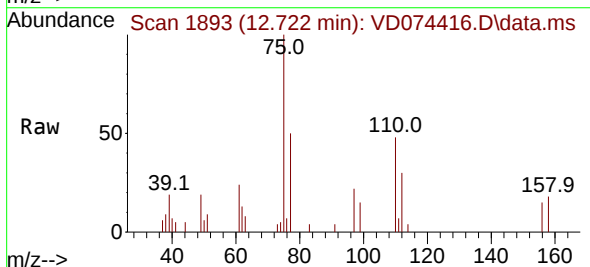
Tgt Ion: 83 Resp: 10834
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 63.7 33.1 99.2

Manual Integrations
APPROVED

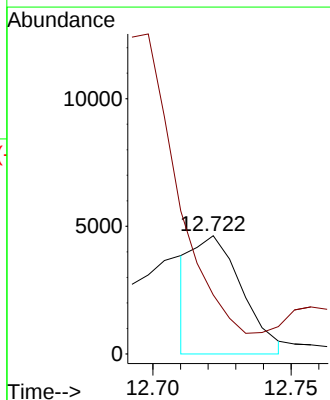
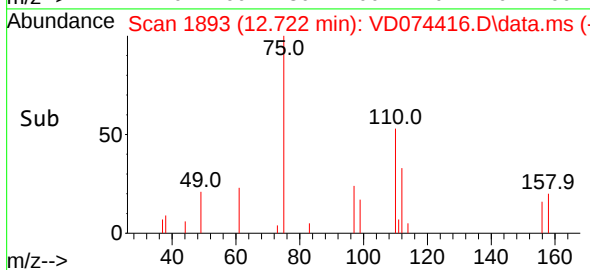
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

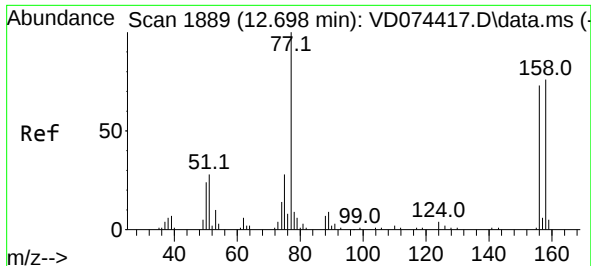


#76
1,2,3-Trichloropropane
Concen: 18.111 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32



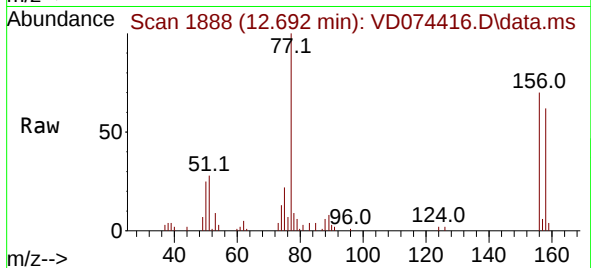
Tgt Ion: 75 Resp: 5741
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#





#77
Bromobenzene
Concen: 20.735 ug/l
RT: 12.692 min Scan# 1888
Delta R.T. -0.006 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

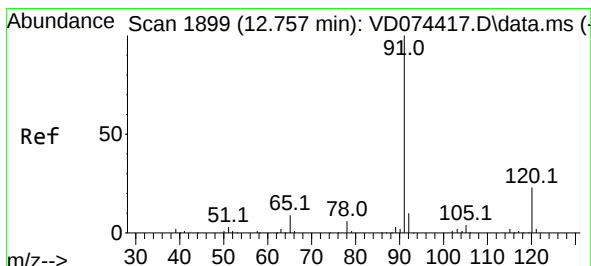
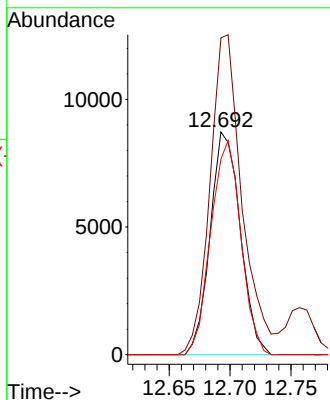
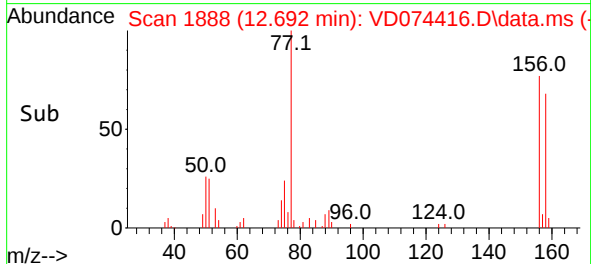
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:156 Resp: 15000
Ion Ratio Lower Upper
156 100
77 151.7 77.7 233.1
158 95.9 49.4 148.2

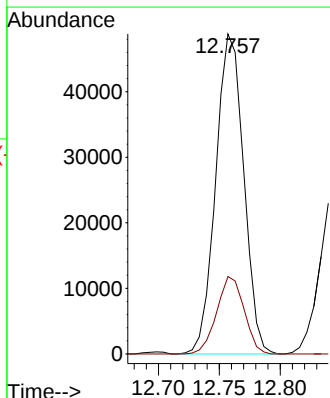
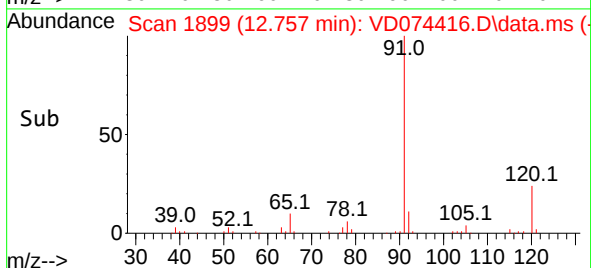
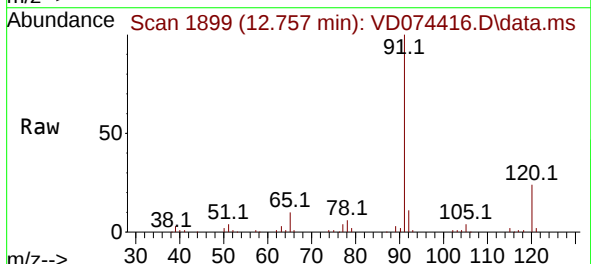
Manual Integrations
APPROVED

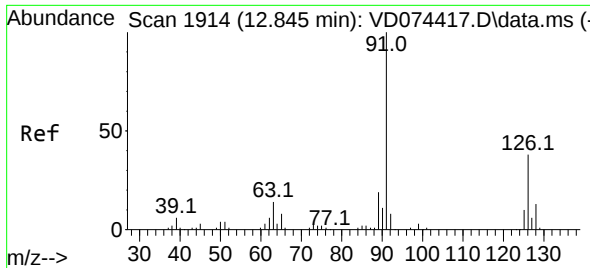
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#78
n-propylbenzene
Concen: 21.352 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Tgt Ion: 91 Resp: 78053
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.7





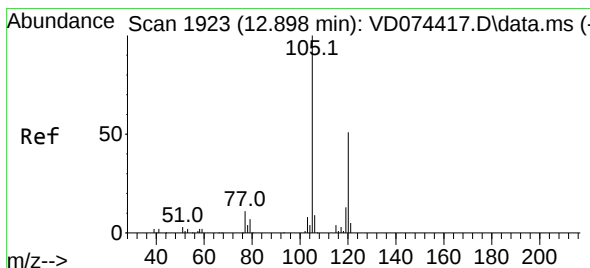
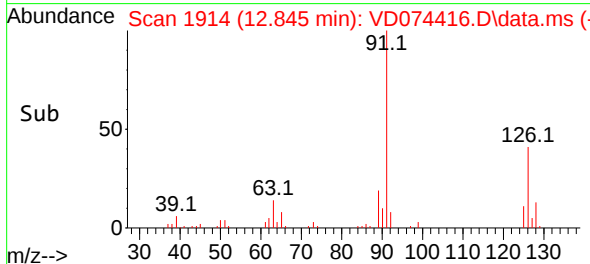
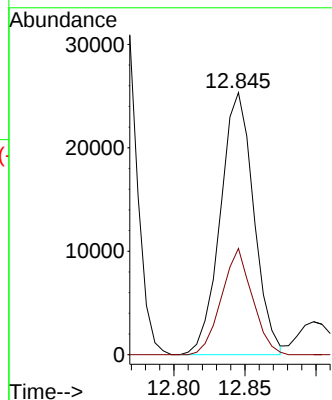
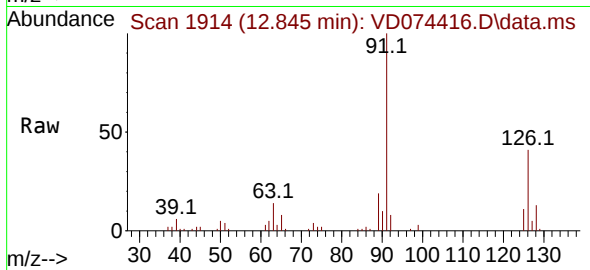
#79
2-Chlorotoluene
Concen: 21.072 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 4152
Ion Ratio Lower Upper
91 100
126 37.2 18.3 54.8

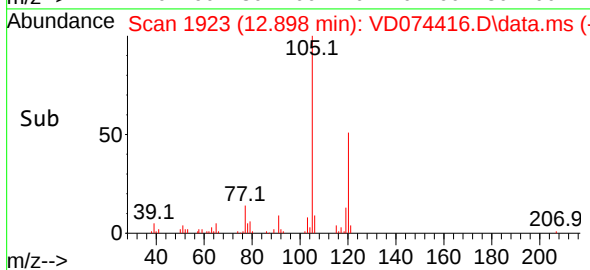
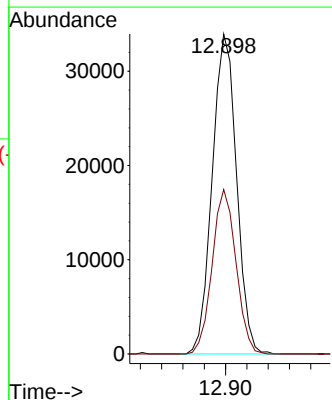
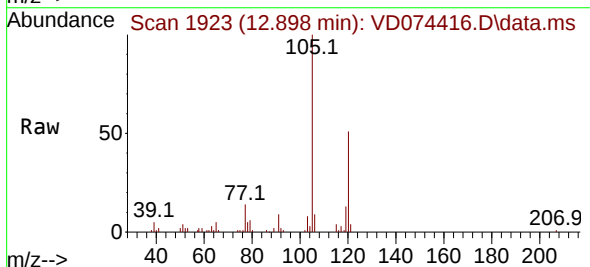
Manual Integrations
APPROVED

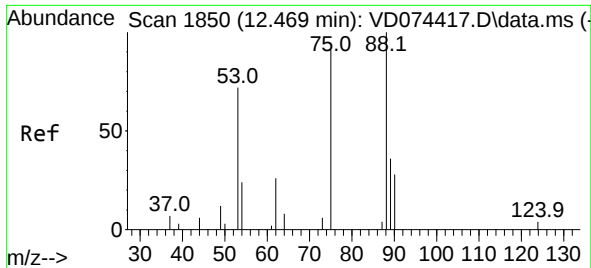
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.407 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Tgt Ion:105 Resp: 53768
Ion Ratio Lower Upper
105 100
120 50.4 25.7 77.0





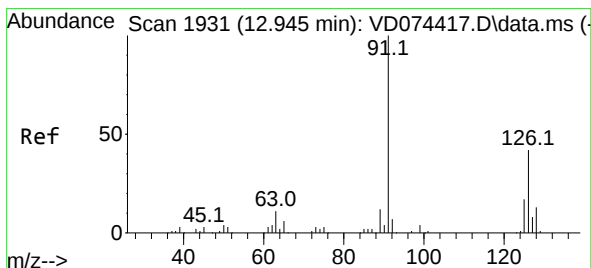
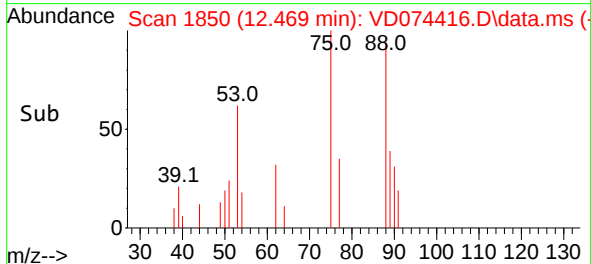
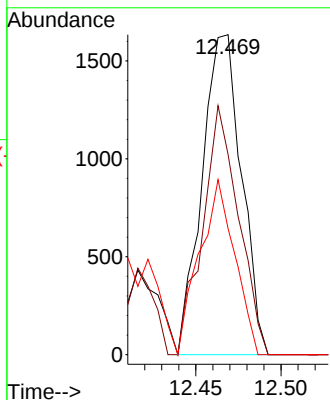
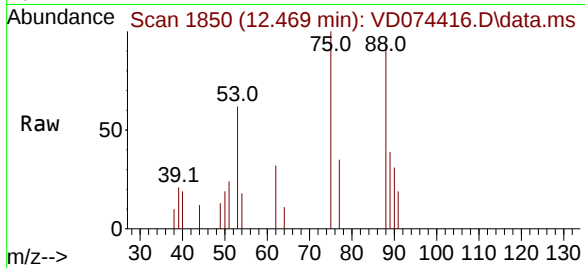
#81
trans-1,4-Dichloro-2-butene
Concen: 20.591 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 2630
Ion Ratio Lower Upper
75 100
53 70.8 63.8 95.6
89 48.7 38.2 57.4

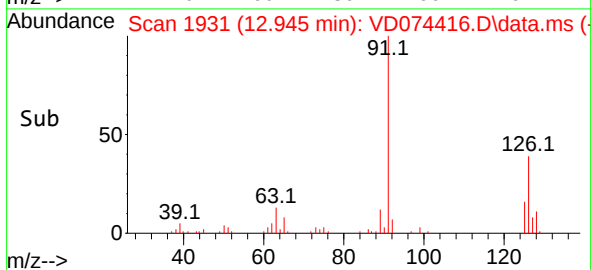
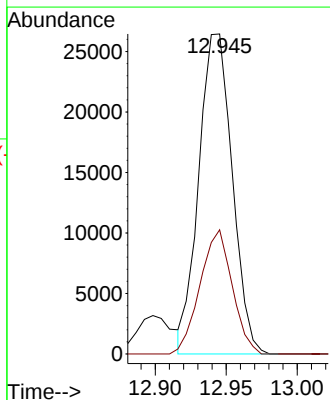
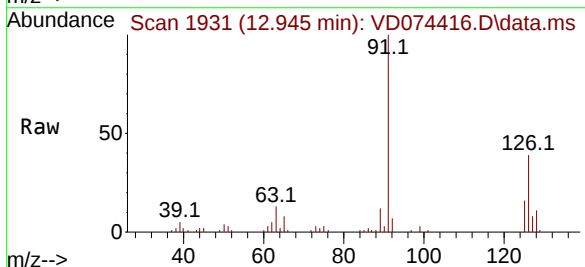
Manual Integrations
APPROVED

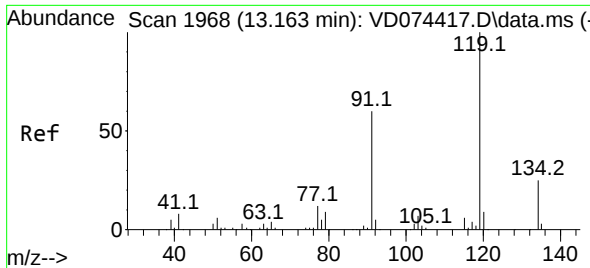
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#82
4-Chlorotoluene
Concen: 21.374 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

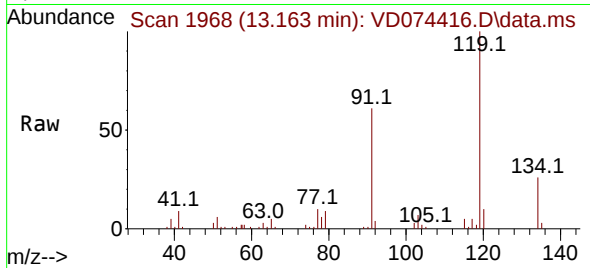
Tgt Ion: 91 Resp: 43324
Ion Ratio Lower Upper
91 100
126 37.2 18.8 56.4





#83
tert-Butylbenzene
Concen: 21.343 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

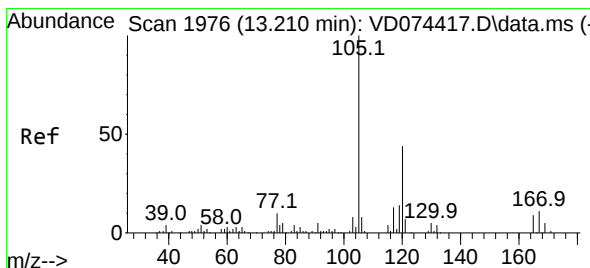
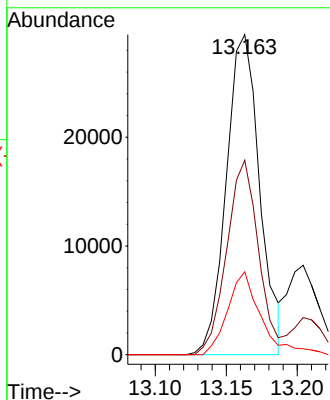
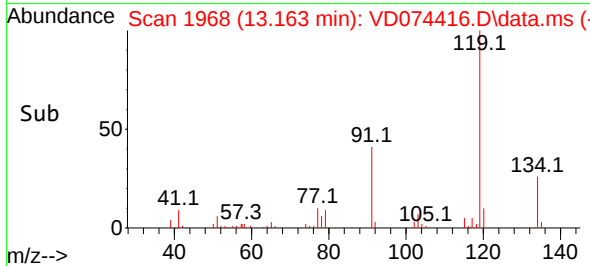
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



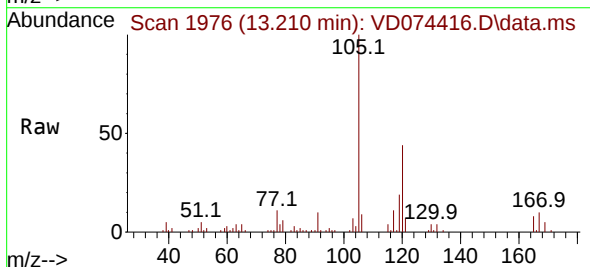
Tgt Ion:119 Resp: 48249
Ion Ratio Lower Upper
119 100
91 57.5 30.0 90.0
134 25.8 13.4 40.1

Manual Integrations
APPROVED

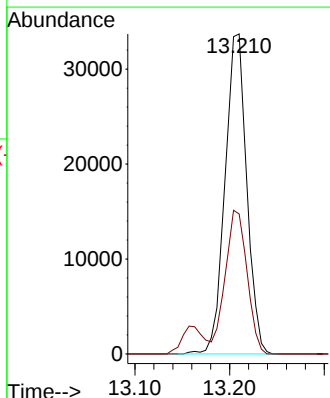
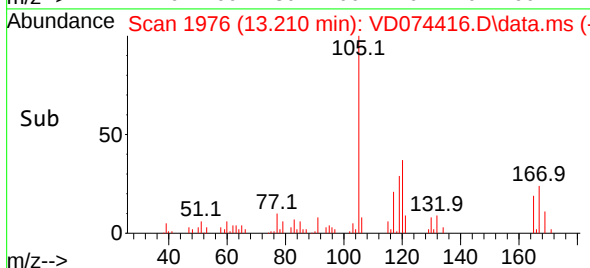
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

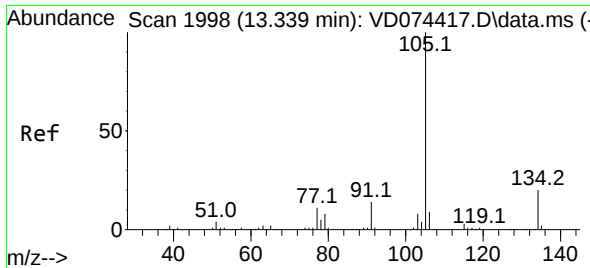


#84
1,2,4-Trimethylbenzene
Concen: 21.455 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32



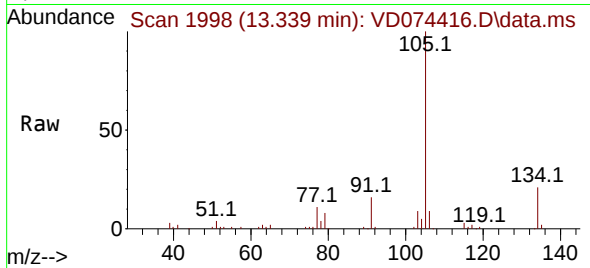
Tgt Ion:105 Resp: 53649
Ion Ratio Lower Upper
105 100
120 45.0 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 21.133 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VD074416.D
 Acq: 26 Sep 2022 12:32

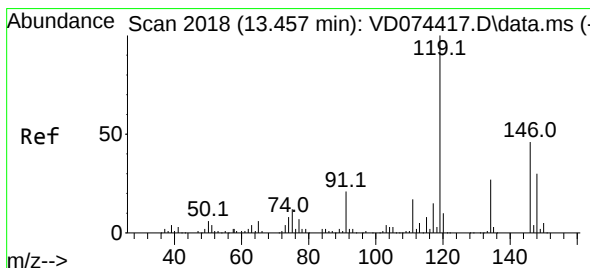
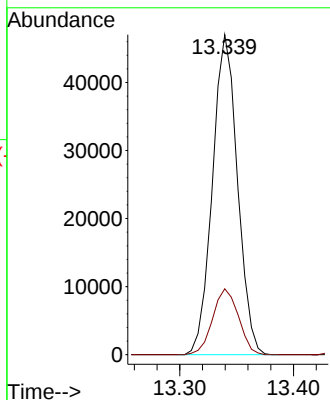
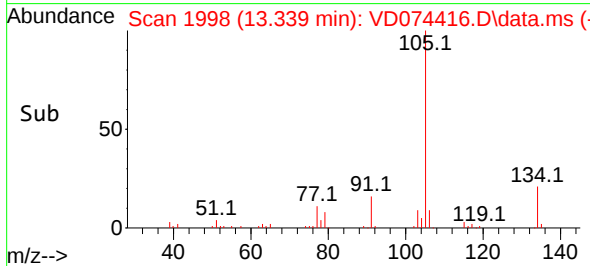
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



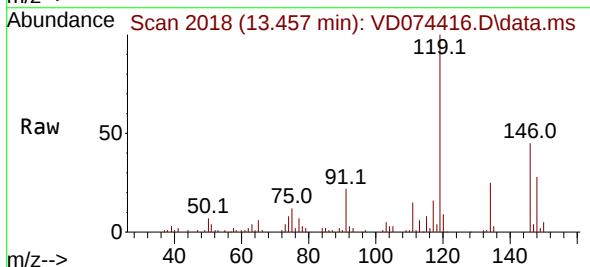
Tgt Ion:105 Resp: 72010
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.0 30.0

Manual Integrations
 APPROVED

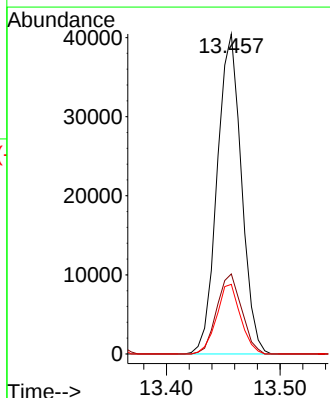
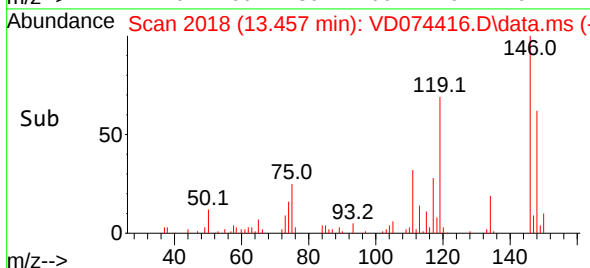
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022

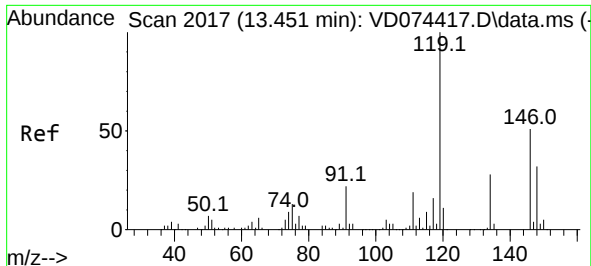


#86
 p-Isopropyltoluene
 Concen: 21.136 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD074416.D
 Acq: 26 Sep 2022 12:32



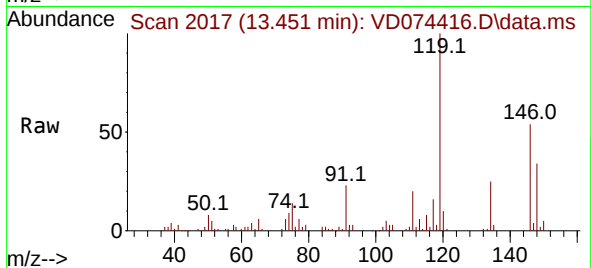
Tgt Ion:119 Resp: 60060
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.5 40.4
 91 21.5 10.8 32.4





#87
1,3-Dichlorobenzene
Concen: 20.977 ug/l
RT: 13.451 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

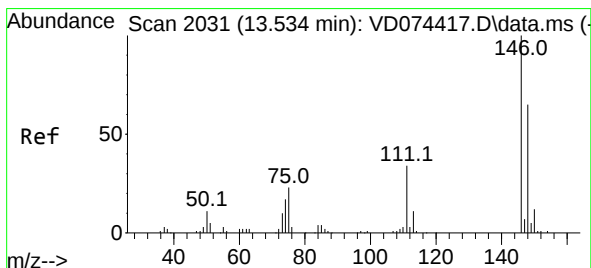
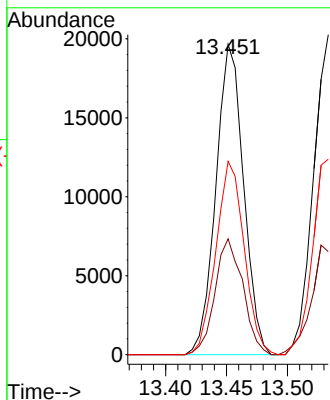
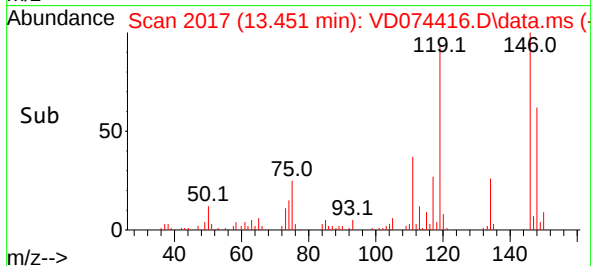
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



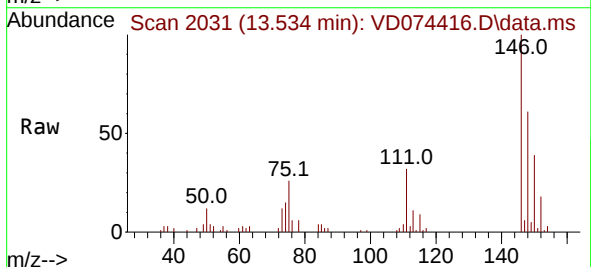
Tgt Ion:146 Resp: 31092
Ion Ratio Lower Upper
146 100
111 37.6 18.3 54.8
148 63.7 31.8 95.4

Manual Integrations
APPROVED

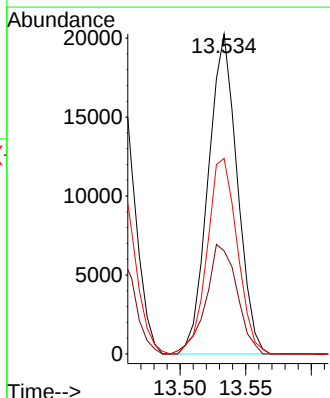
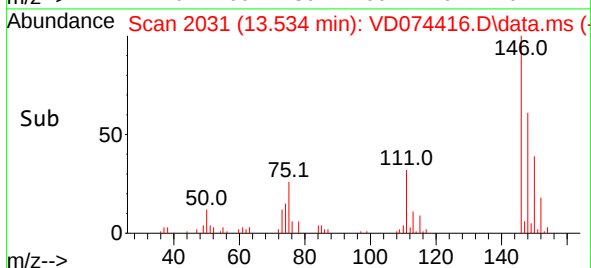
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

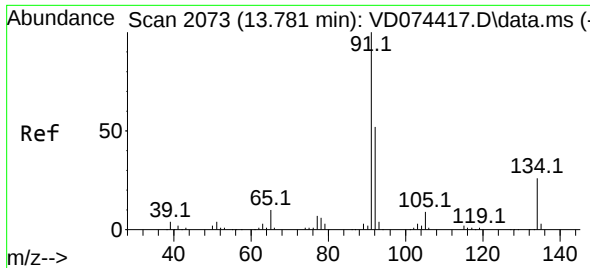


#88
1,4-Dichlorobenzene
Concen: 21.035 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32



Tgt Ion:146 Resp: 31201
Ion Ratio Lower Upper
146 100
111 36.6 17.7 53.1
148 63.3 32.3 96.9





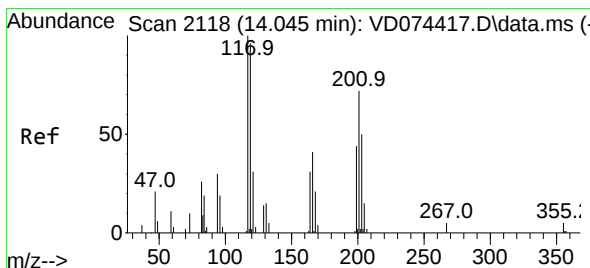
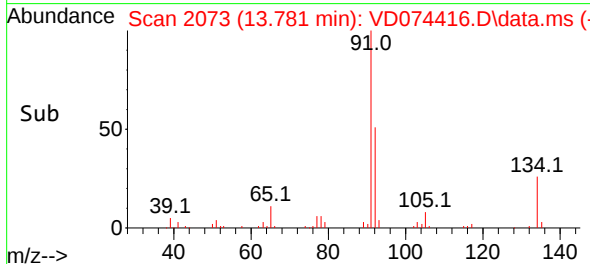
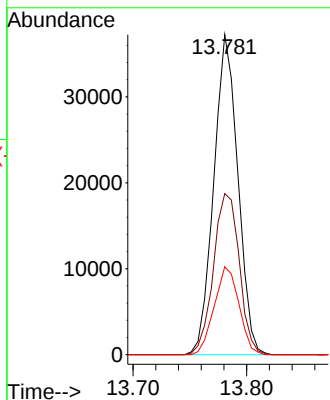
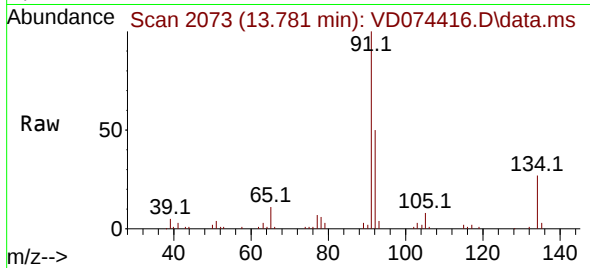
#89
n-Butylbenzene
Concen: 20.887 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 54920
Ion Ratio Lower Upper
91 100
92 54.0 26.9 80.7
134 28.2 13.4 40.2

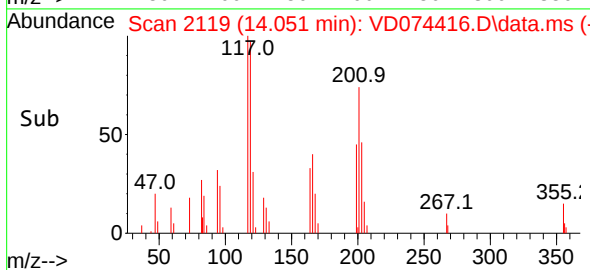
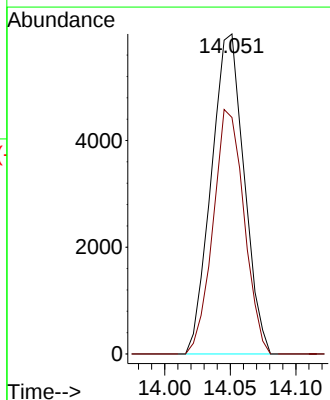
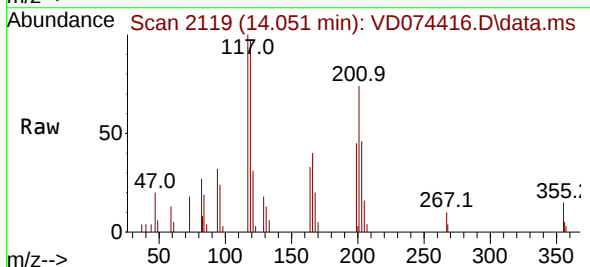
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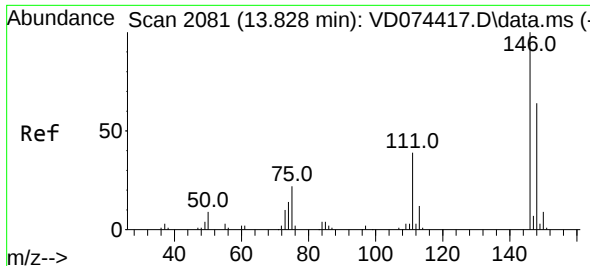
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#90
Hexachloroethane
Concen: 20.749 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

Tgt Ion:117 Resp: 10433
Ion Ratio Lower Upper
117 100
201 72.0 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 20.679 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD074416.D

Acq: 26 Sep 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 26630

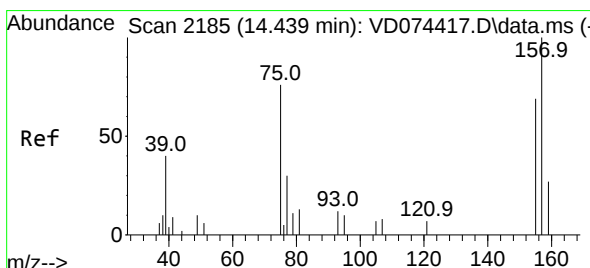
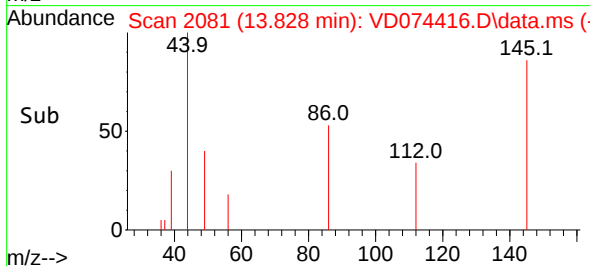
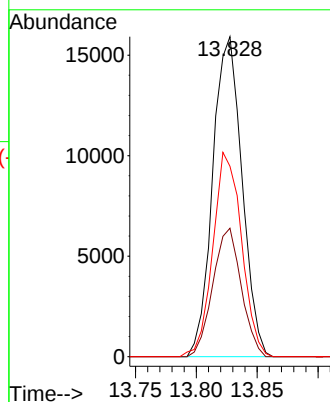
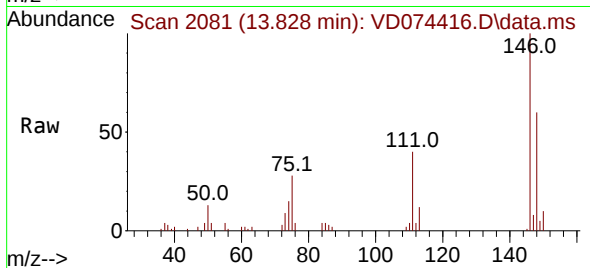
Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.9	56.5
148	62.5	31.9	95.5

Manual Integrations

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Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.550 ug/l

RT: 14.439 min Scan# 2185

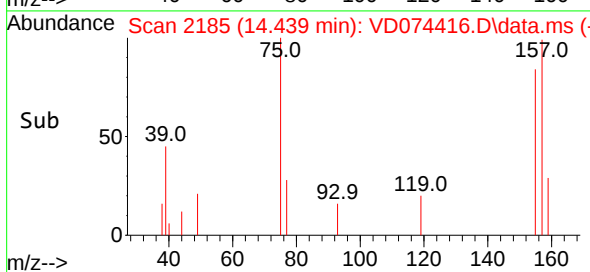
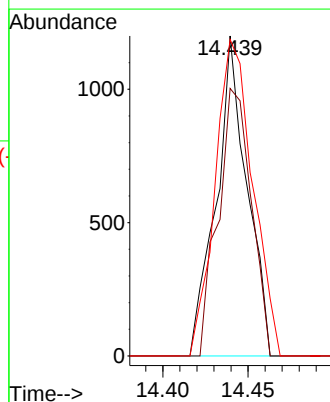
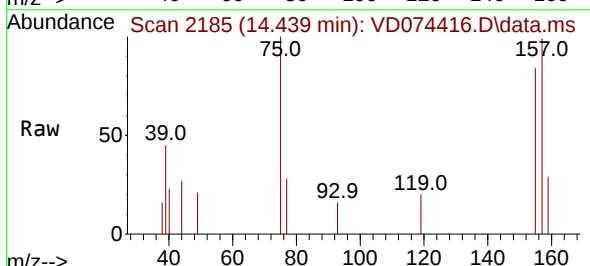
Delta R.T. 0.000 min

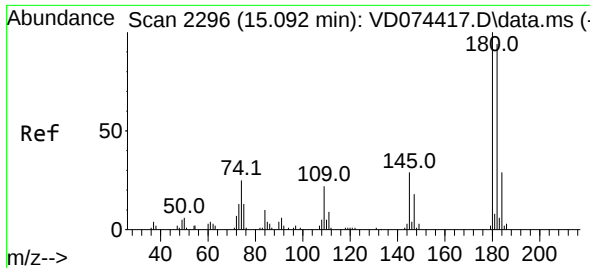
Lab File: VD074416.D

Acq: 26 Sep 2022 12:32

Tgt Ion: 75 Resp: 1510

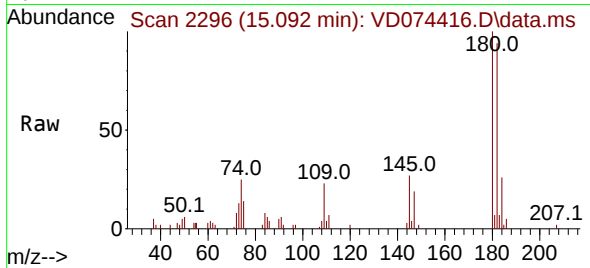
Ion	Ratio	Lower	Upper
75	100		
155	89.9	51.2	153.8
157	120.7	68.2	204.5





#93
1,2,4-Trichlorobenzene
Concen: 20.666 ug/l
RT: 15.092 min Scan# 2296
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

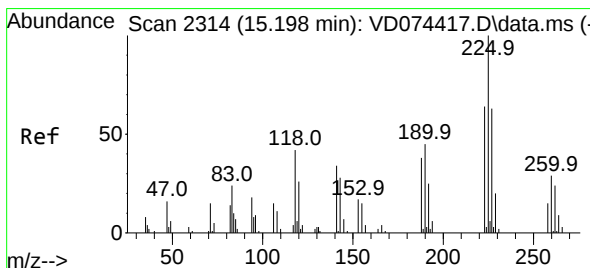
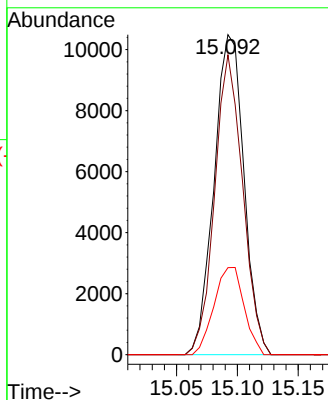
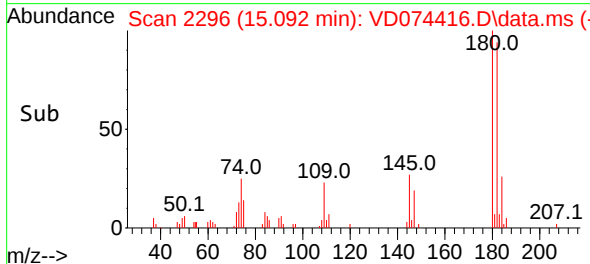
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



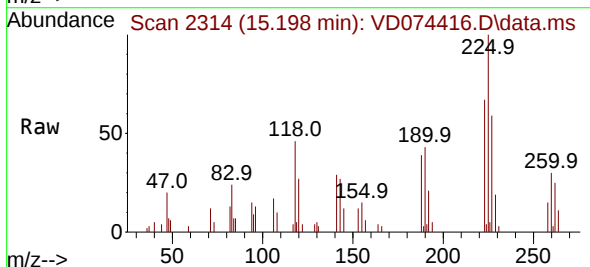
Tgt Ion:180 Resp: 17932
Ion Ratio Lower Upper
180 100
182 87.7 46.9 140.6
145 27.4 14.1 42.3

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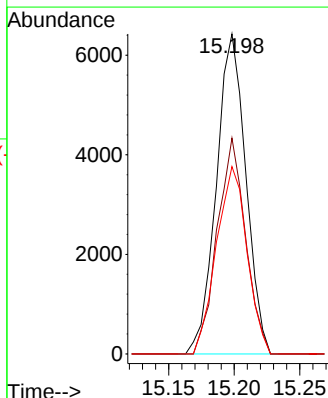
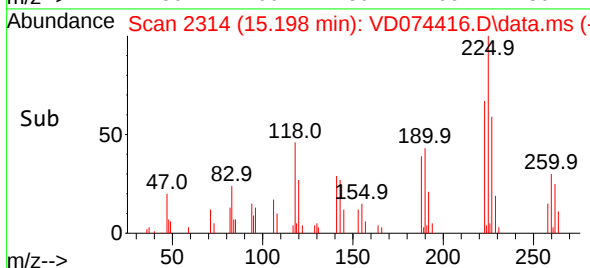
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

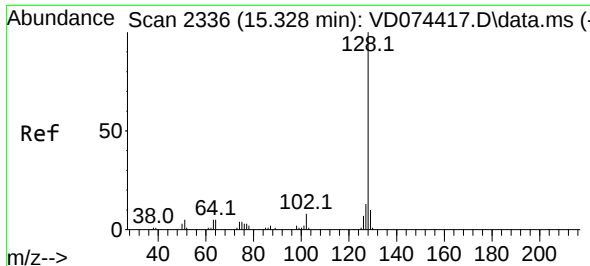


#94
Hexachlorobutadiene
Concen: 20.975 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32



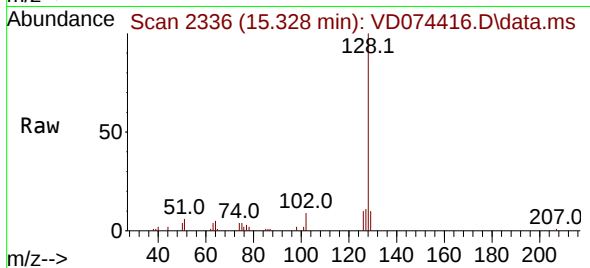
Tgt Ion:225 Resp: 10044
Ion Ratio Lower Upper
225 100
223 64.9 31.9 95.5
227 60.6 32.6 97.8





#95
Naphthalene
Concen: 19.634 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32

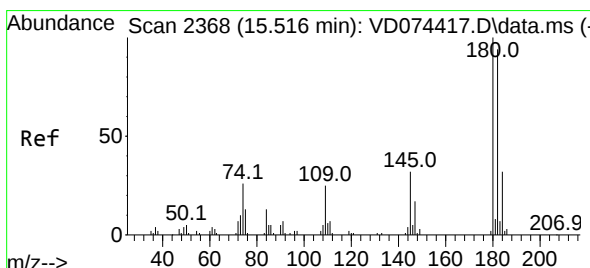
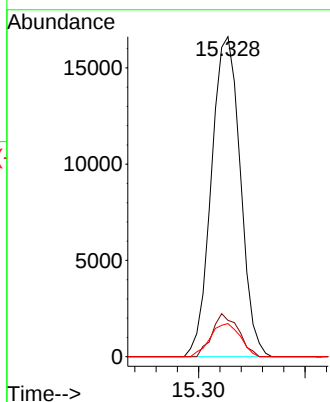
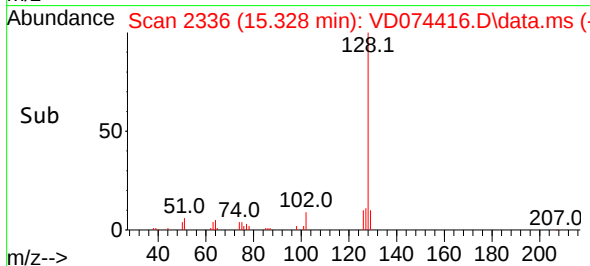
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



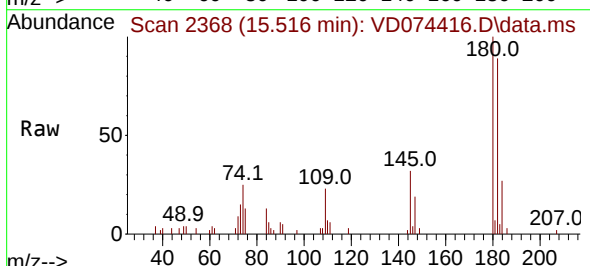
Tgt Ion:128 Resp: 3132
Ion Ratio Lower Upper
128 100
127 12.3 10.6 16.0
129 10.7 8.3 12.5

Manual Integrations
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Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.662 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD074416.D
Acq: 26 Sep 2022 12:32



Tgt Ion:180 Resp: 15566
Ion Ratio Lower Upper
180 100
182 90.8 46.7 140.1
145 29.5 14.9 44.7

