

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074415.D
 Acq On : 26 Sep 2022 12:04
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Sep 27 02:01:03 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	58318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	94619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	83471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	42151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	4899	9.803	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	19.600%#		
35) Dibromofluoromethane	7.810	113	8266	11.875	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	23.760%#		
50) Toluene-d8	10.269	98	19686	9.109	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	18.220%#		
62) 4-Bromofluorobenzene	12.569	95	11437	13.205	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	26.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	5423	11.406	ug/l	99
3) Chloromethane	2.146	50	5904	12.319	ug/l	93
4) Vinyl Chloride	2.281	62	4685	11.489	ug/l #	83
5) Bromomethane	2.681	94	3436	10.985	ug/l	97
6) Chloroethane	2.834	64	3037	10.744	ug/l #	86
7) Trichlorofluoromethane	3.164	101	10613	11.259	ug/l	96
8) Diethyl Ether	3.587	74	2818	10.045	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.958	101	6560	10.212	ug/l	97
10) Methyl Iodide	4.169	142	4094	7.392	ug/l #	91
11) Tert butyl alcohol	5.010	59	5937	65.251	ug/l #	84
12) 1,1-Dichloroethene	3.928	96	6470	10.701	ug/l	92
13) Acrolein	3.793	56	1992	56.809	ug/l	100
14) Allyl chloride	4.552	41	6146	9.894	ug/l	94
15) Acrylonitrile	5.258	53	5608	47.707	ug/l	96
16) Acetone	4.016	43	4795	49.916	ug/l	96
17) Carbon Disulfide	4.269	76	16274	11.796	ug/l	95
18) Methyl Acetate	4.558	43	3018	9.627	ug/l	93
19) Methyl tert-butyl Ether	5.310	73	12651	9.734	ug/l	99
20) Methylene Chloride	4.799	84	11763	12.414	ug/l	89
21) trans-1,2-Dichloroethene	5.310	96	6849	10.630	ug/l	92
22) Diisopropyl ether	6.222	45	14581	10.223	ug/l	94
23) Vinyl Acetate	6.152	43	27199m	46.412	ug/l	
24) 1,1-Dichloroethane	6.110	63	11236	10.403	ug/l	96
25) 2-Butanone	7.081	43	6703	50.502	ug/l	91
26) 2,2-Dichloropropane	7.081	77	10047	10.103	ug/l	100
27) cis-1,2-Dichloroethene	7.069	96	7478	9.853	ug/l	94
28) Bromochloromethane	7.422	49	3451	9.966	ug/l #	95
29) Tetrahydrofuran	7.446	42	3864	50.901	ug/l	95
30) Chloroform	7.599	83	12630	10.426	ug/l	92
31) Cyclohexane	7.875	56	9451	11.167	ug/l #	88
32) 1,1,1-Trichloroethane	7.787	97	10375	9.968	ug/l	97
36) 1,1-Dichloropropene	8.004	75	9560	11.189	ug/l	94
37) Ethyl Acetate	7.163	43	2847	10.032	ug/l #	88
38) Carbon Tetrachloride	7.987	117	7814	9.663	ug/l	96
39) Methylcyclohexane	9.269	83	10456	10.369	ug/l	99
40) Benzene	8.246	78	26395	10.443	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	1545	8.877	ug/l #	90
42) 1,2-Dichloroethane	8.322	62	6694	10.586	ug/l	96
43) Isopropyl Acetate	8.357	43	5494	9.993	ug/l #	89
44) Trichloroethene	9.022	130	7941	10.339	ug/l	89
45) 1,2-Dichloropropane	9.304	63	6059	10.044	ug/l #	84
46) Dibromomethane	9.393	93	3820	10.614	ug/l	91
47) Bromodichloromethane	9.581	83	9066	9.922	ug/l	97
48) Methyl methacrylate	9.375	41	2427	9.822	ug/l	94
49) 1,4-Dioxane	9.387	88	489	137.507	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	14248	50.315	ug/l	96
52) Toluene	10.328	92	16777	10.305	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	7400	9.724	ug/l #	86
54) cis-1,3-Dichloropropene	10.016	75	9603	9.929	ug/l	98
55) 1,1,2-Trichloroethane	10.728	97	4857	9.756	ug/l	95
56) Ethyl methacrylate	10.598	69	5322	9.609	ug/l	98
57) 1,3-Dichloropropane	10.881	76	8325	10.363	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	2500	29.043	ug/l	99
59) 2-Hexanone	10.916	43	9129	47.924	ug/l	99
60) Dibromochloromethane	11.069	129	5959	9.610	ug/l	97
61) 1,2-Dibromoethane	11.175	107	5084	10.596	ug/l	94
64) Tetrachloroethene	10.810	164	7463	11.454	ug/l	85
65) Chlorobenzene	11.604	112	18567	10.319	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	6570	10.110	ug/l	98
67) Ethyl Benzene	11.681	91	31763	10.041	ug/l	97
68) m/p-Xylenes	11.792	106	25176	20.211	ug/l	100
69) o-Xylene	12.116	106	11632	10.056	ug/l	100
70) Styrene	12.134	104	19623	9.775	ug/l	98
71) Bromoform	12.298	173	3651	10.178	ug/l #	99
73) Isopropylbenzene	12.416	105	31439	10.087	ug/l	100
74) N-amyl acetate	12.228	43	4686	9.555	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.663	83	5772	10.568	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	3745m	11.510	ug/l	
77) Bromobenzene	12.692	156	7718	10.390	ug/l	96
78) n-propylbenzene	12.757	91	38640	10.298	ug/l	100
79) 2-Chlorotoluene	12.845	91	20974	10.370	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	26149	10.143	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	1176	8.950	ug/l	95
82) 4-Chlorotoluene	12.945	91	21603	10.384	ug/l	97
83) tert-Butylbenzene	13.163	119	23096	9.954	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	25837	10.067	ug/l	100
85) sec-Butylbenzene	13.339	105	35638	10.189	ug/l	100
86) p-Isopropyltoluene	13.457	119	29009	9.946	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	15146	9.956	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	15586	10.237	ug/l	98
89) n-Butylbenzene	13.781	91	26481	9.812	ug/l	100
90) Hexachloroethane	14.045	117	5224	10.122	ug/l	95
91) 1,2-Dichlorobenzene	13.822	146	13611	10.298	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	791	11.509	ug/l	85
93) 1,2,4-Trichlorobenzene	15.092	180	9019	10.127	ug/l	99
94) Hexachlorobutadiene	15.198	225	4652	9.465	ug/l	96
95) Naphthalene	15.322	128	15807	9.652	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	7637	9.876	ug/l	99

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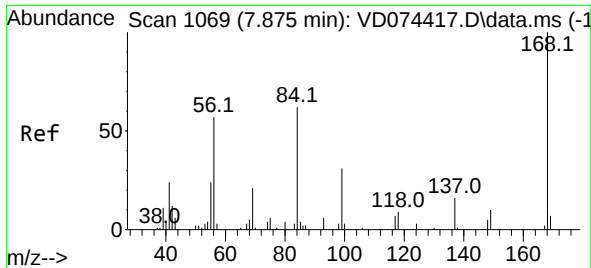
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 09/27/2022

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Quant Title : SW846 8260
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Response via : Initial Calibration

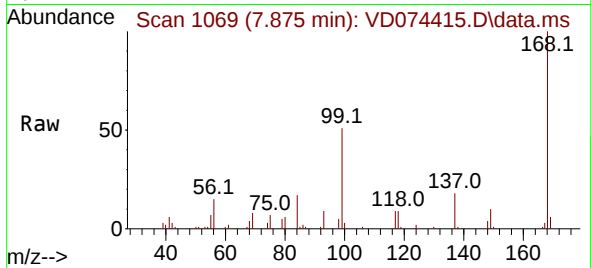
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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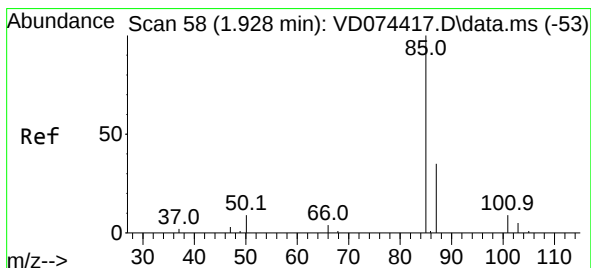
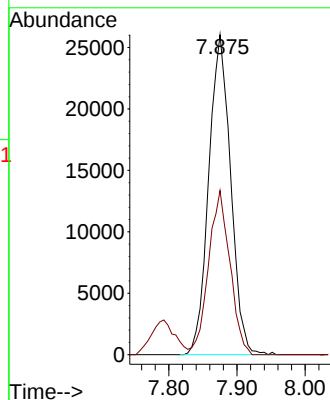
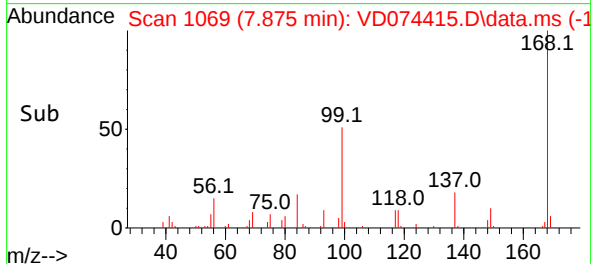
Instrument :
MSVOA_D
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VSTDICC010



Tgt Ion:168 Resp: 58318
Ion Ratio Lower Upper
168 100
99 51.3 40.9 61.3

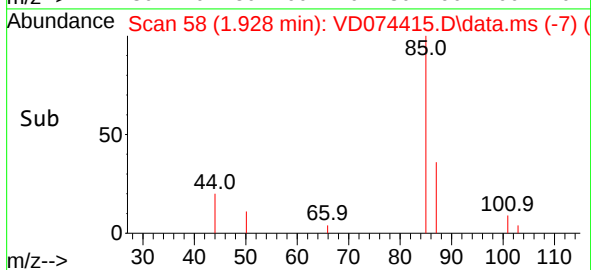
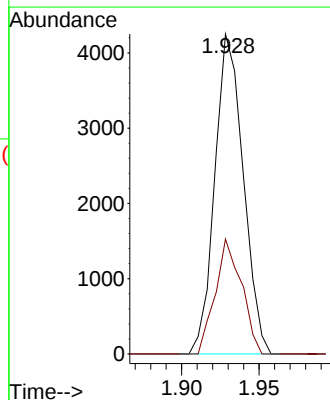
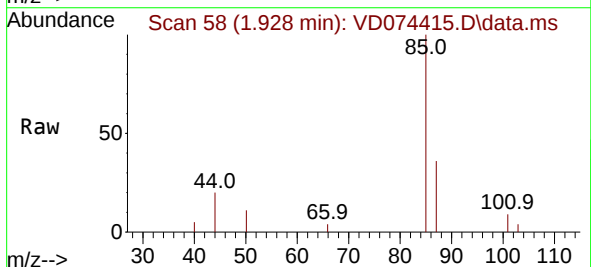
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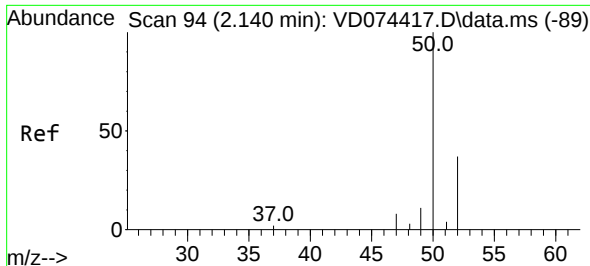
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#2
Dichlorodifluoromethane
Concen: 11.406 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

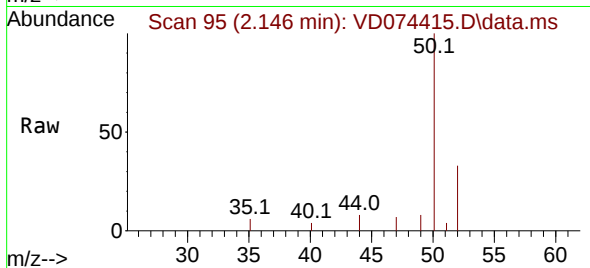
Tgt Ion: 85 Resp: 5423
Ion Ratio Lower Upper
85 100
87 35.9 17.5 52.6





#3
Chloromethane
Concen: 12.319 ug/l
RT: 2.146 min Scan# 94
Delta R.T. 0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

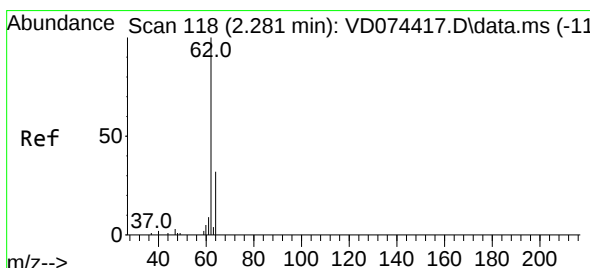
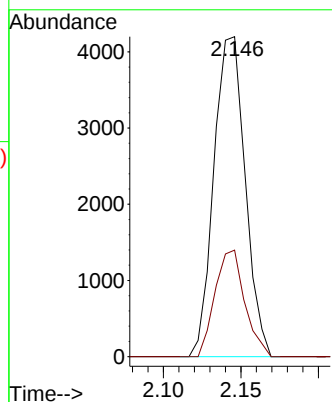
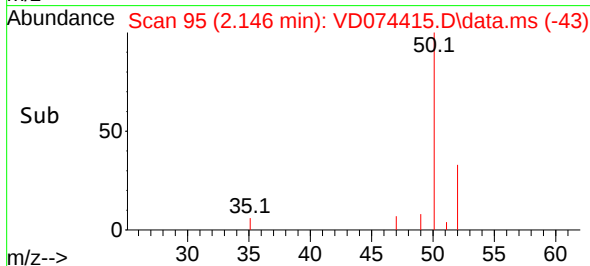
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Tgt Ion: 50 Resp: 5904
Ion Ratio Lower Upper
50 100
52 33.3 30.0 45.0

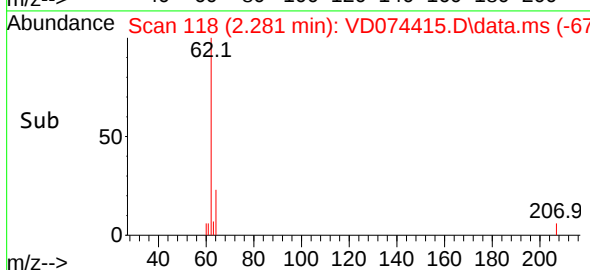
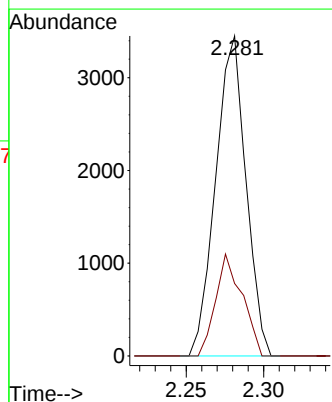
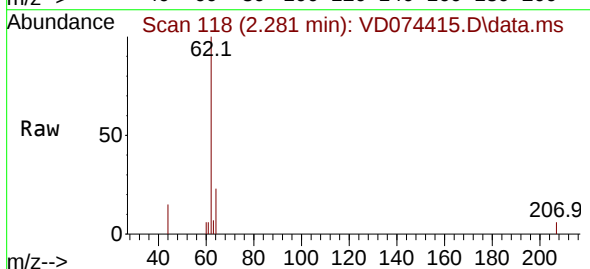
Manual Integrations
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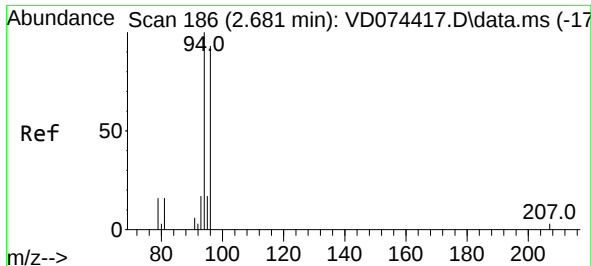
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#4
Vinyl Chloride
Concen: 11.489 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

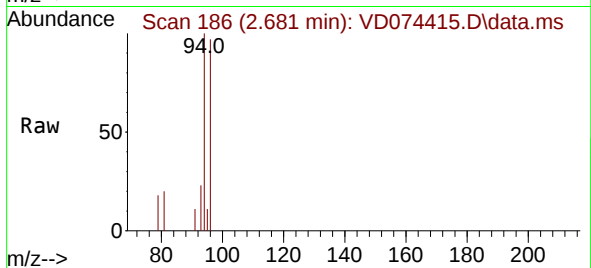
Tgt Ion: 62 Resp: 4685
Ion Ratio Lower Upper
62 100
64 22.7 25.5 38.3#





#5
Bromomethane
Concen: 10.985 ug/l
RT: 2.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

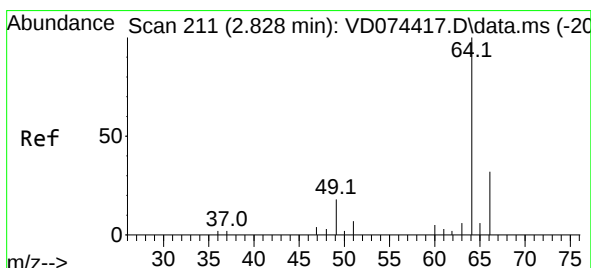
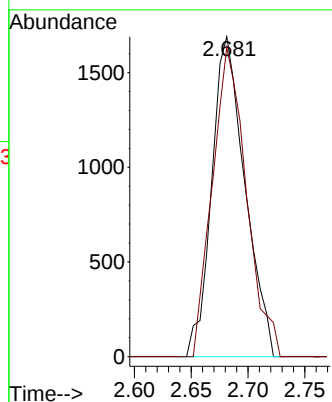
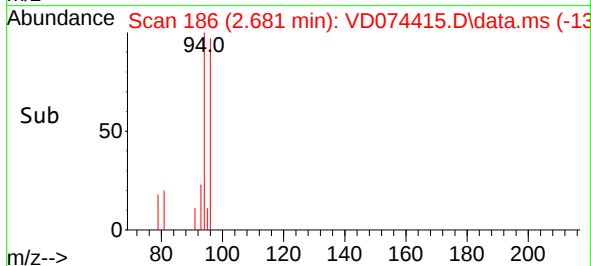
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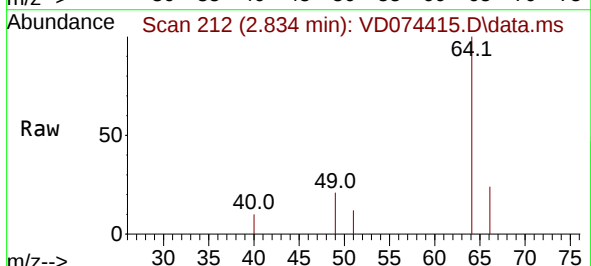
Tgt Ion: 94 Resp: 3430
Ion Ratio Lower Upper
94 100
96 96.6 74.6 112.0

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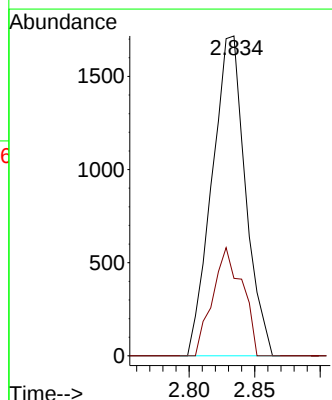
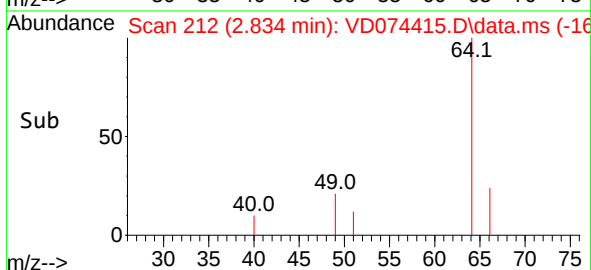
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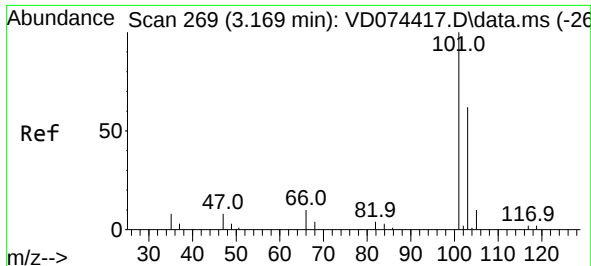


#6
Chloroethane
Concen: 10.744 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD074415.D
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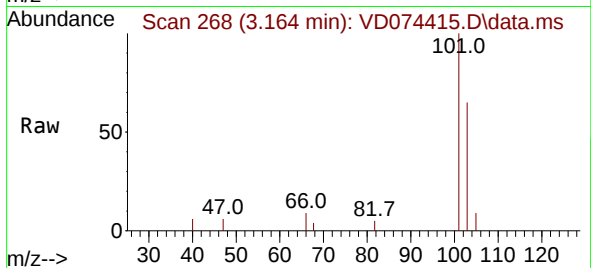
Tgt Ion: 64 Resp: 3037
Ion Ratio Lower Upper
64 100
66 24.2 25.8 38.8#





#7
Trichlorofluoromethane
Concen: 11.259 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD074415.D
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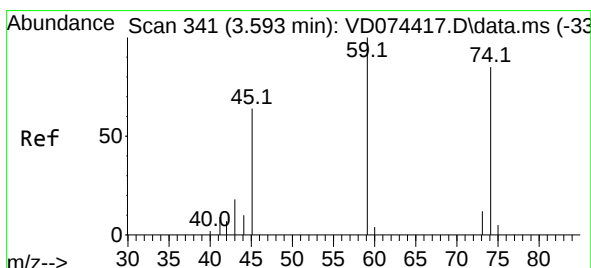
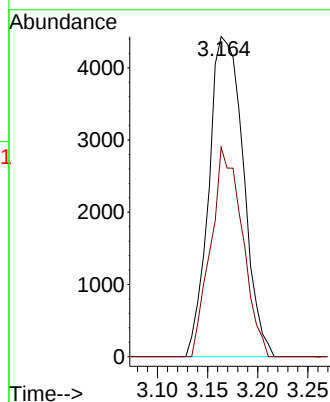
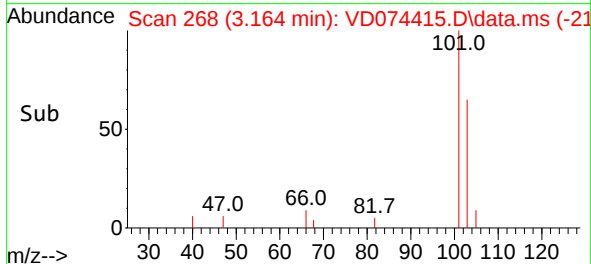
Instrument :
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Tgt Ion:101 Resp: 1061
Ion Ratio Lower Upper
101 100
103 65.4 49.8 74.8

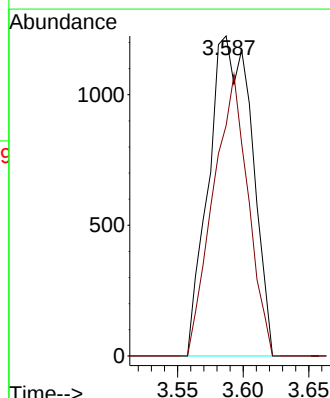
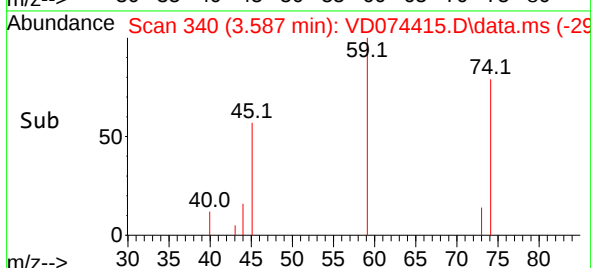
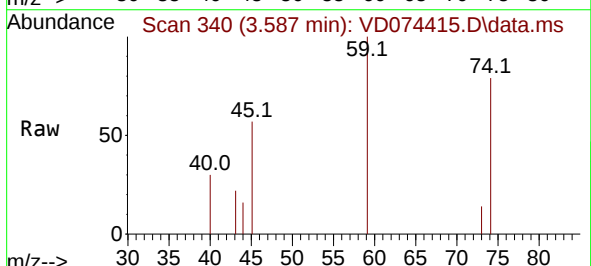
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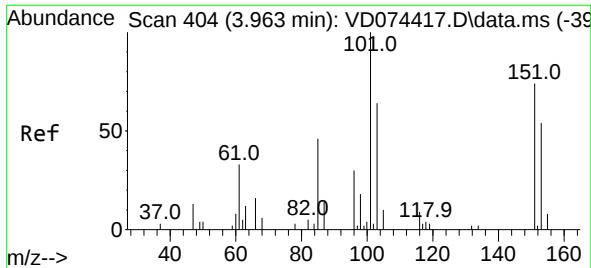
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#8
Diethyl Ether
Concen: 10.045 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

Tgt Ion: 74 Resp: 2818
Ion Ratio Lower Upper
74 100
45 71.0 37.9 113.6





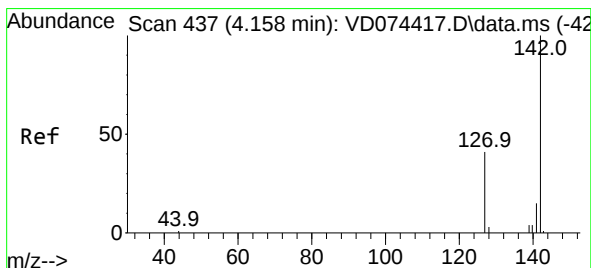
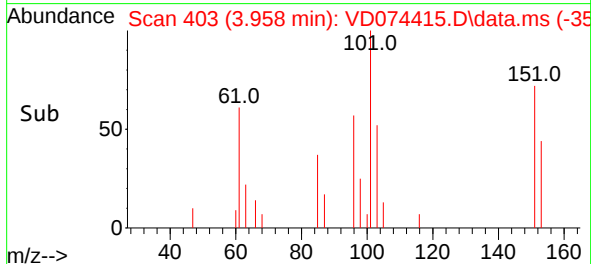
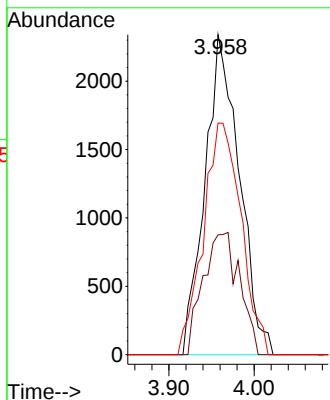
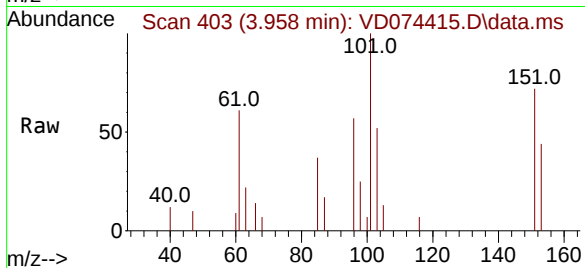
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.212 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 6560
Ion Ratio Lower Upper
101 100
85 40.4 34.1 51.1
151 79.5 61.7 92.5

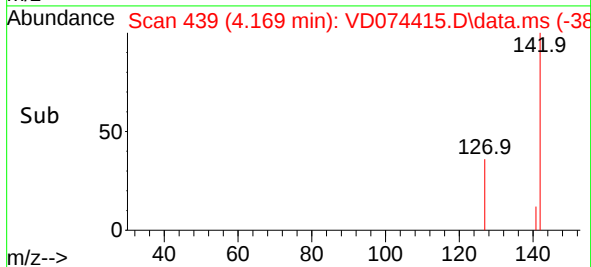
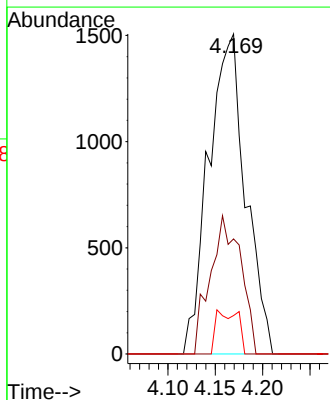
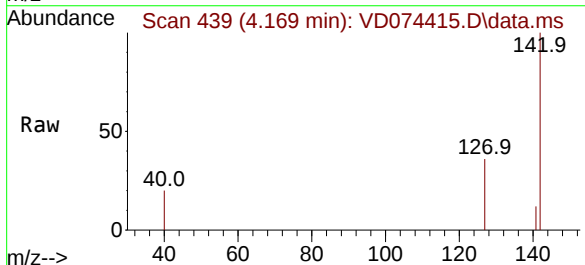
Manual Integrations
APPROVED

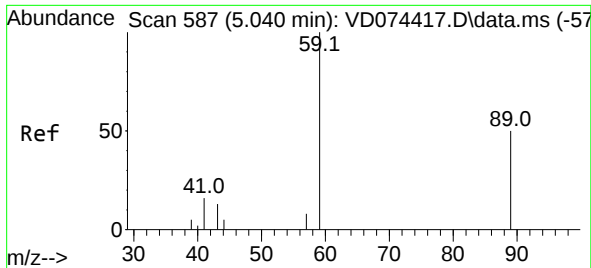
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#10
Methyl Iodide
Concen: 7.392 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.012 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

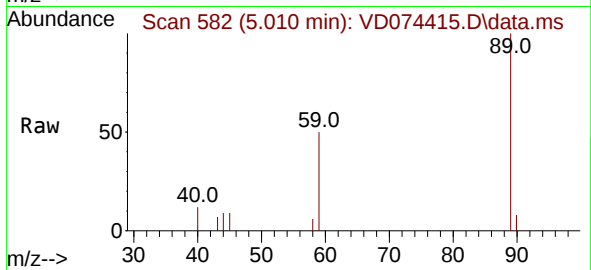
Tgt Ion:142 Resp: 4094
Ion Ratio Lower Upper
142 100
127 35.7 31.9 47.9
141 8.1 11.4 17.2#





#11
Tert butyl alcohol
Concen: 65.251 ug/l
RT: 5.010 min Scan# 593
Delta R.T. -0.029 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

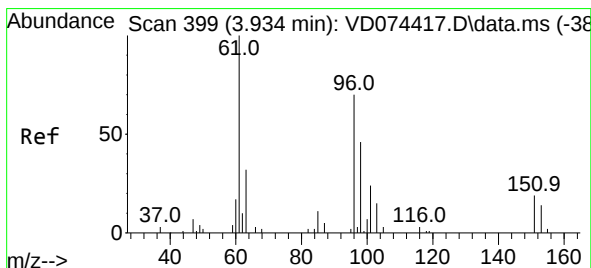
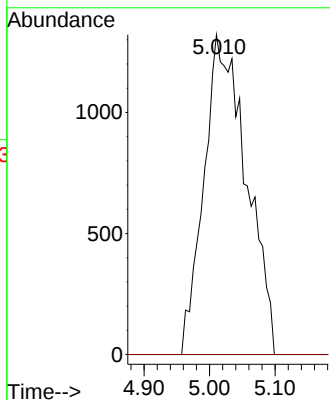
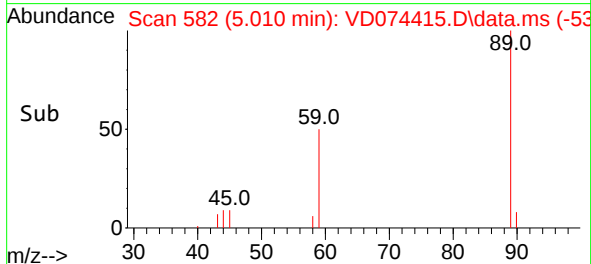
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



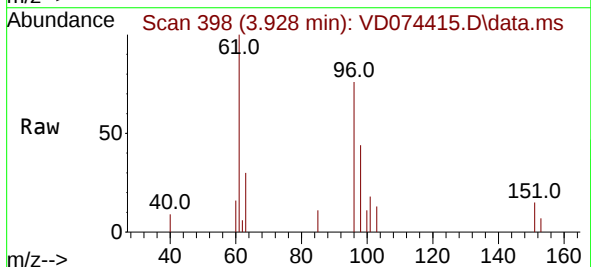
Tgt Ion: 59 Resp: 593
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6

Manual Integrations
APPROVED

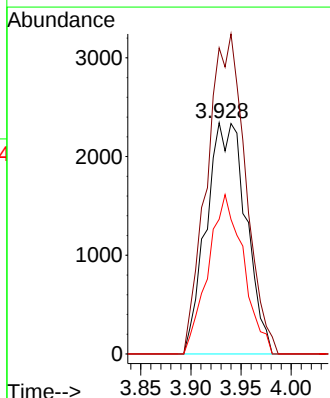
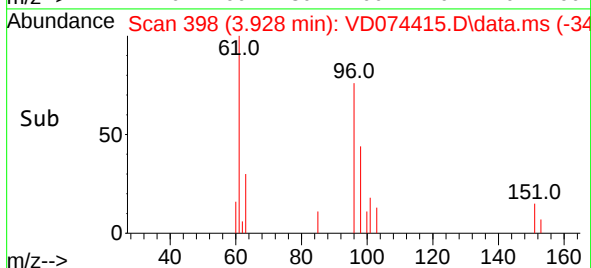
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

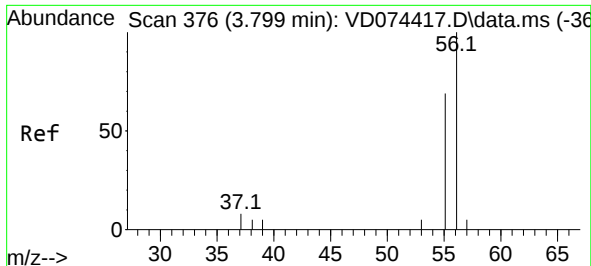


#12
1,1-Dichloroethene
Concen: 10.701 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04



Tgt Ion: 96 Resp: 6470
Ion Ratio Lower Upper
96 100
61 132.4 113.9 170.9
98 58.3 51.8 77.8





#13

Acrolein

Concen: 56.809 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 56 Resp: 199

Ion Ratio Lower Upper

56 100

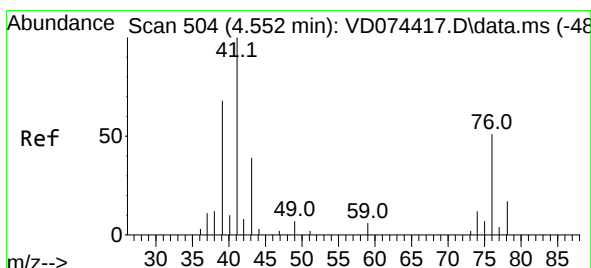
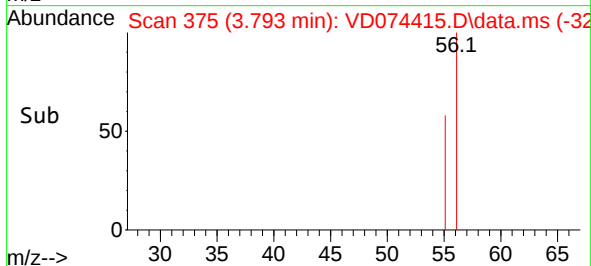
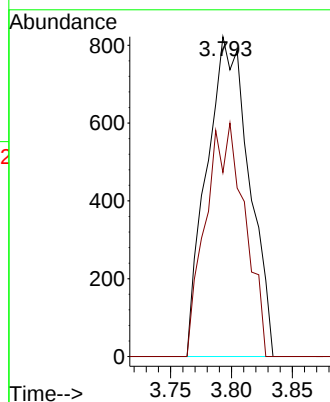
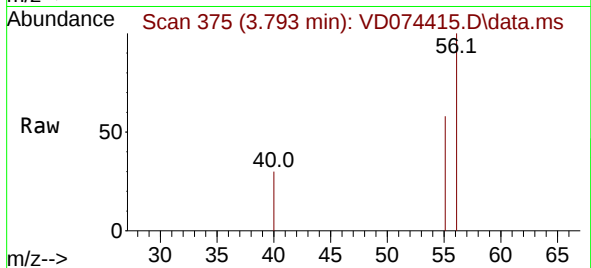
55 67.1 54.0 81.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#14

Allyl chloride

Concen: 9.894 ug/l

RT: 4.552 min Scan# 504

Delta R.T. 0.000 min

Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

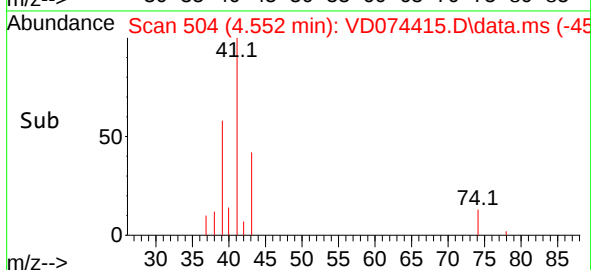
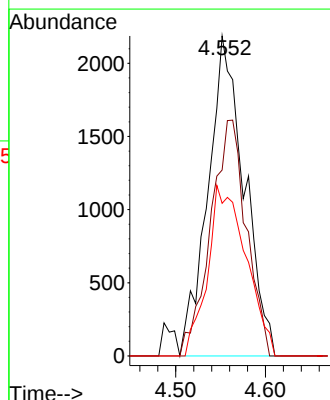
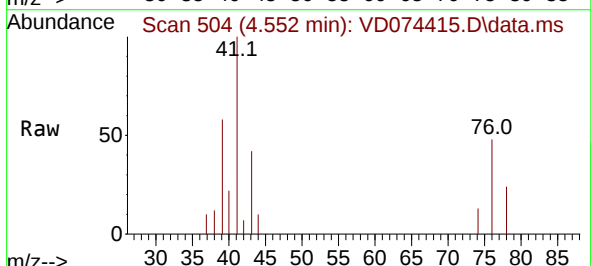
Tgt Ion: 41 Resp: 6146

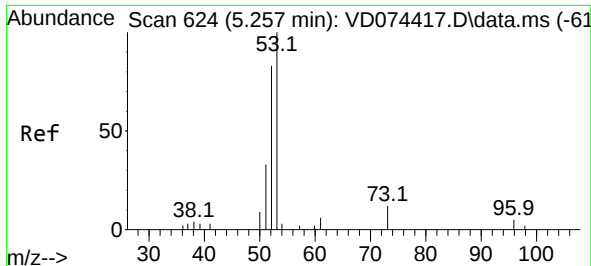
Ion Ratio Lower Upper

41 100

39 72.8 53.4 80.2

76 56.2 42.4 63.6





#15

Acrylonitrile

Concen: 47.707 ug/l

RT: 5.258 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

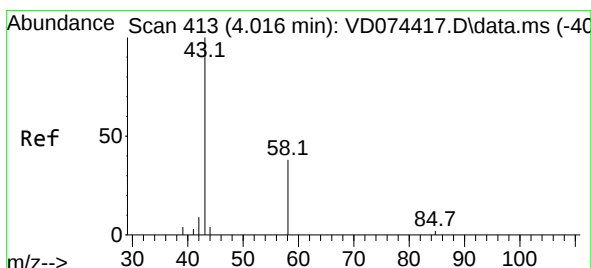
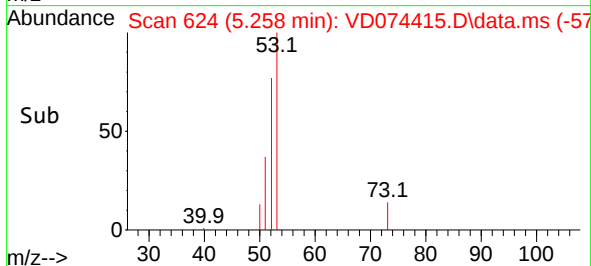
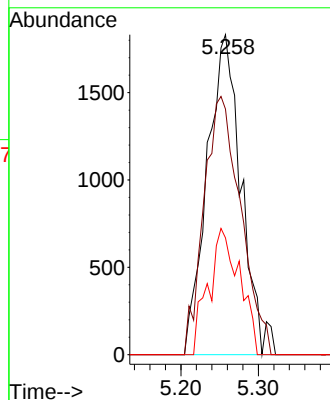
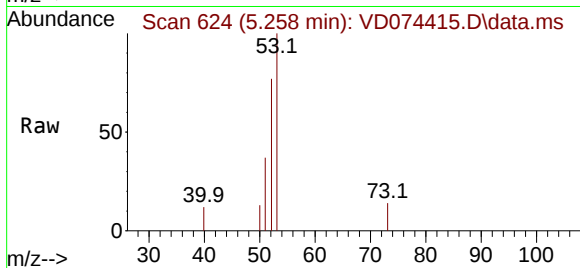
Tgt Ion: 53	Resp: 560
Ion Ratio	Lower Upper
53 100	
52 86.9	66.0 99.0
51 36.1	28.3 42.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#16

Acetone

Concen: 49.916 ug/l

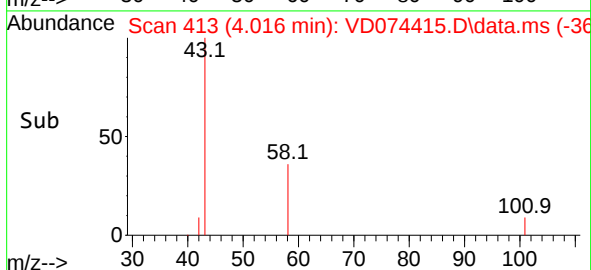
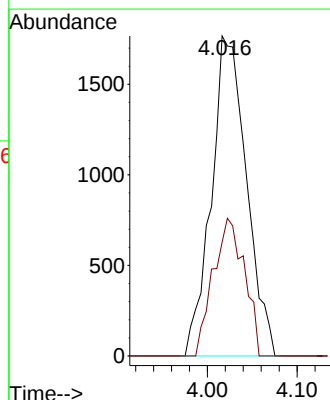
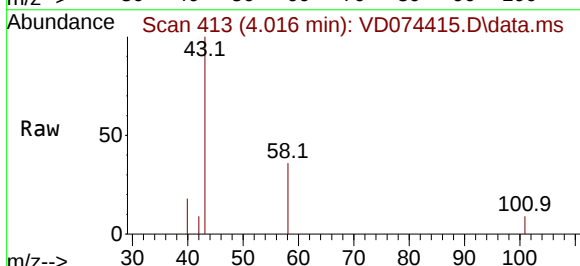
RT: 4.016 min Scan# 413

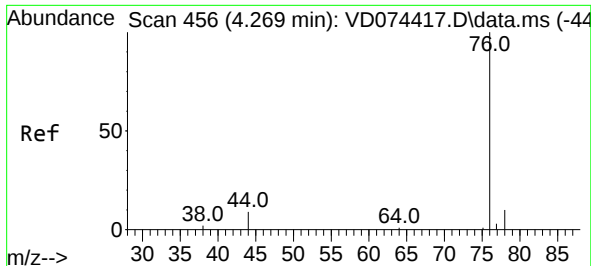
Delta R.T. 0.000 min

Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

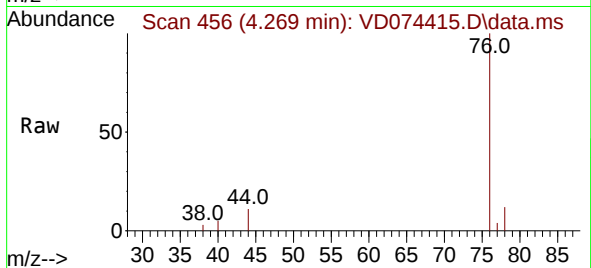
Tgt Ion: 43	Resp: 4795
Ion Ratio	Lower Upper
43 100	
58 35.5	30.2 45.2





#17
Carbon Disulfide
Concen: 11.796 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

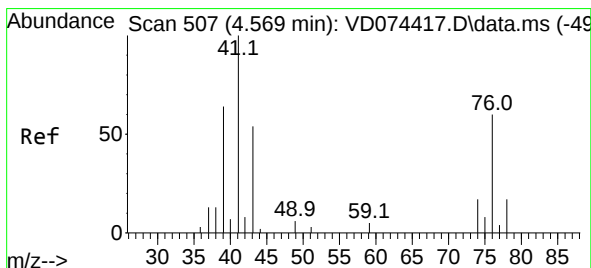
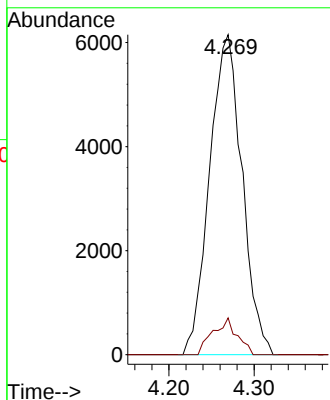
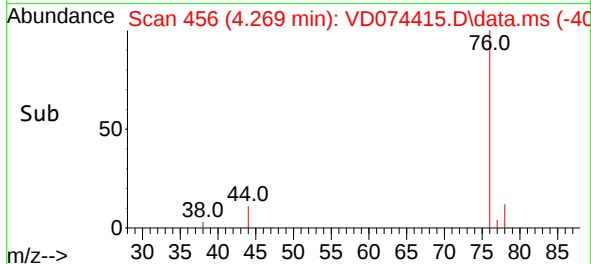
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 76 Resp: 16274
Ion Ratio Lower Upper
76 100
78 11.5 7.8 11.8

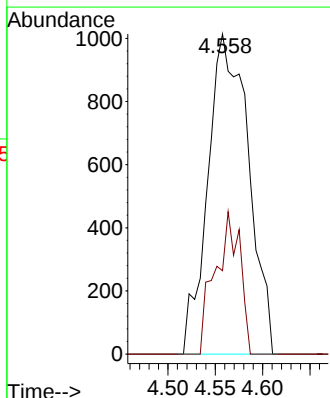
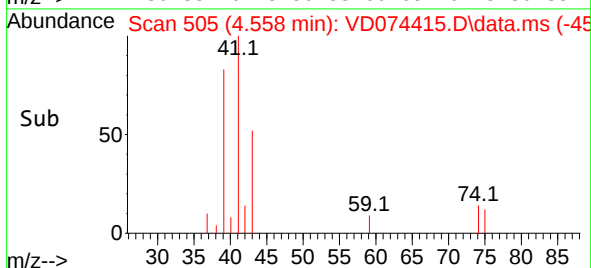
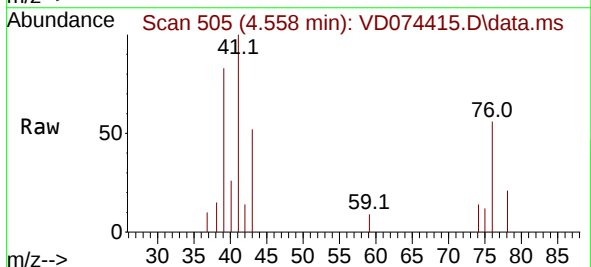
Manual Integrations
APPROVED

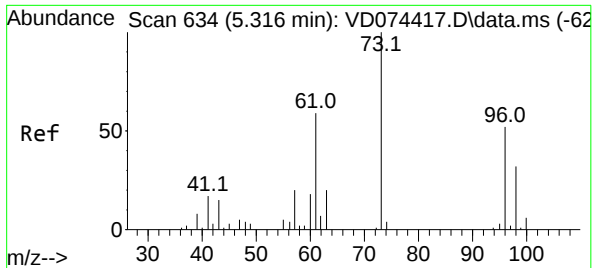
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#18
Methyl Acetate
Concen: 9.627 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

Tgt Ion: 43 Resp: 3018
Ion Ratio Lower Upper
43 100
74 27.2 24.7 37.1





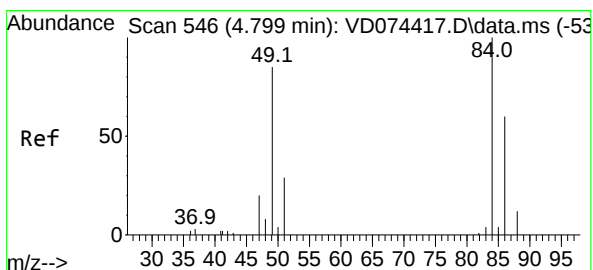
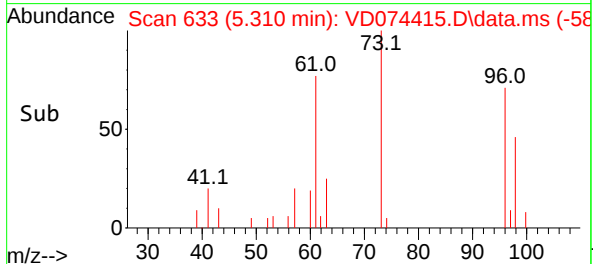
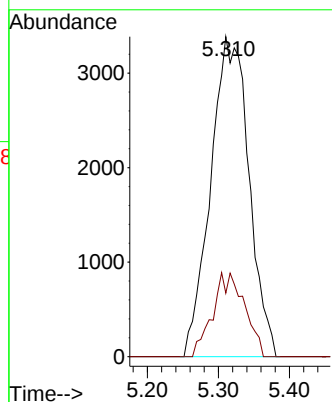
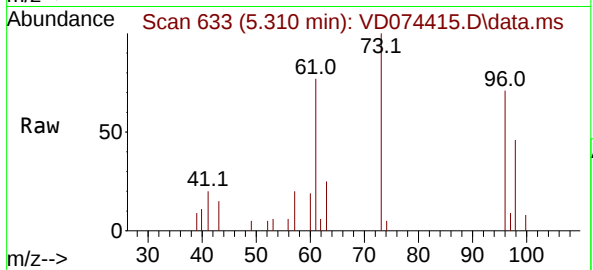
#19
Methyl tert-butyl Ether
Concen: 9.734 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 1265
Ion Ratio Lower Upper
73 100
57 19.8 16.1 24.1

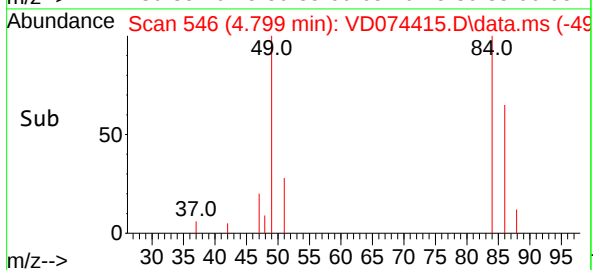
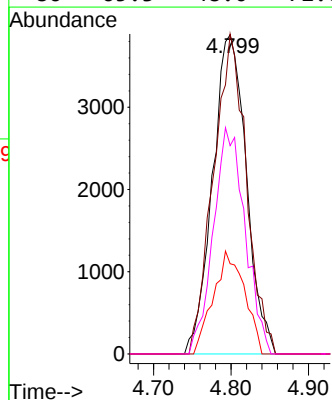
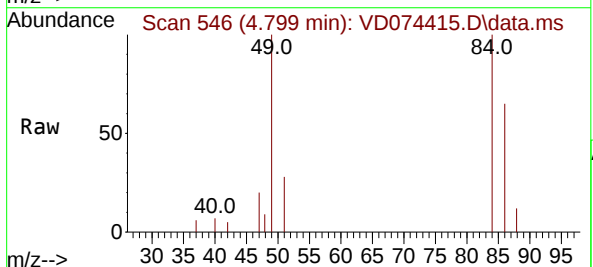
Manual Integrations
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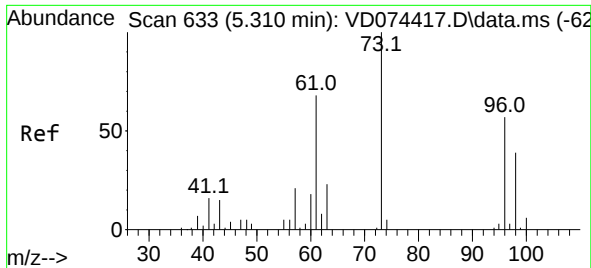
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#20
Methylene Chloride
Concen: 12.414 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

Tgt Ion: 84 Resp: 11763
Ion Ratio Lower Upper
84 100
49 100.3 68.0 102.0
51 28.3 23.2 34.8
86 65.3 48.0 72.0





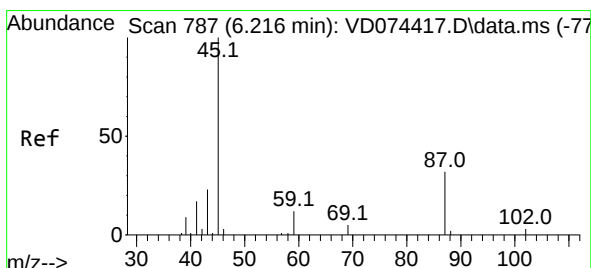
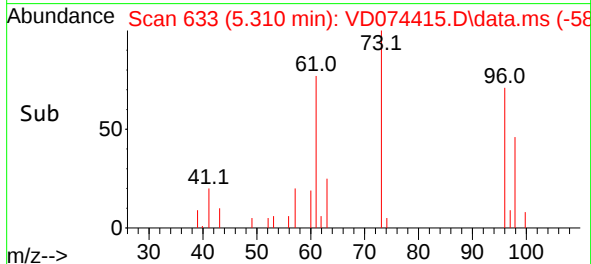
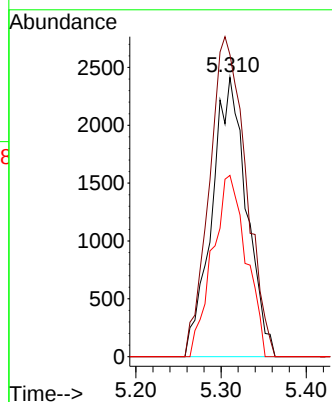
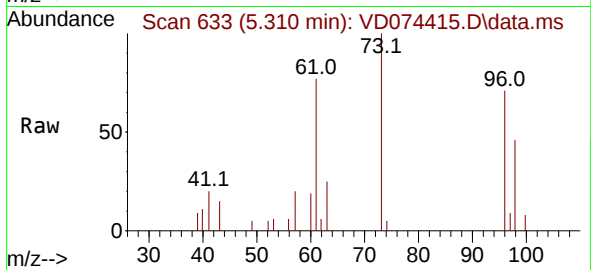
#21
trans-1,2-Dichloroethene
Concen: 10.630 ug/l
RT: 5.310 min Scan# 610
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 6849
Ion Ratio Lower Upper
96 100
61 108.1 95.7 143.5
98 64.9 54.8 82.2

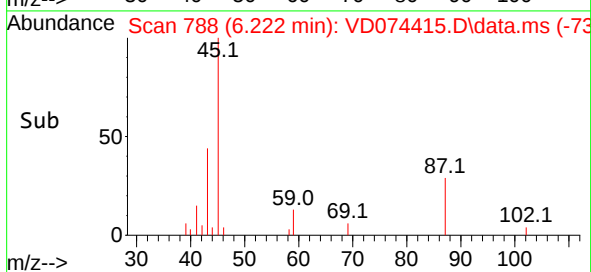
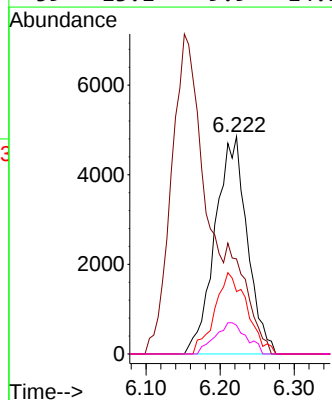
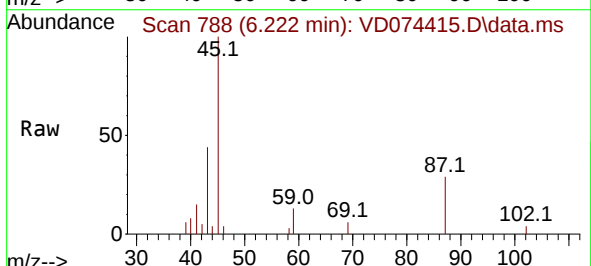
Manual Integrations
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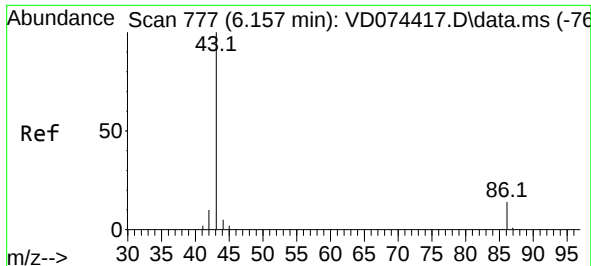
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#22
Diisopropyl ether
Concen: 10.223 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

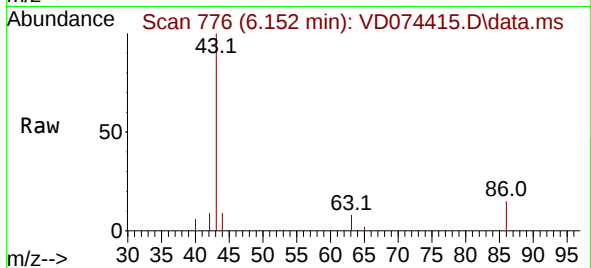
Tgt Ion: 45 Resp: 14581
Ion Ratio Lower Upper
45 100
43 43.7 37.8 56.6
87 28.7 26.6 40.0
59 13.1 9.9 14.9





#23
 Vinyl Acetate
 Concen: 46.412 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD074415.D
 Acq: 26 Sep 2022 12:04

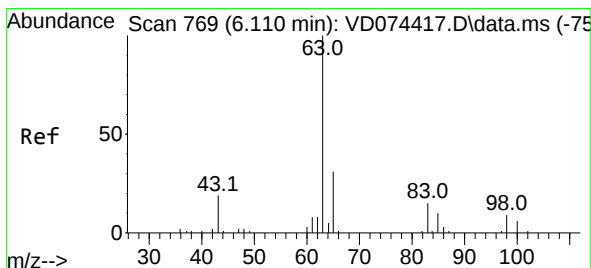
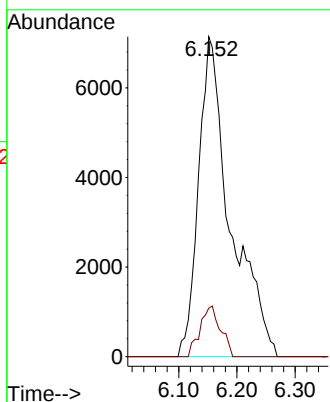
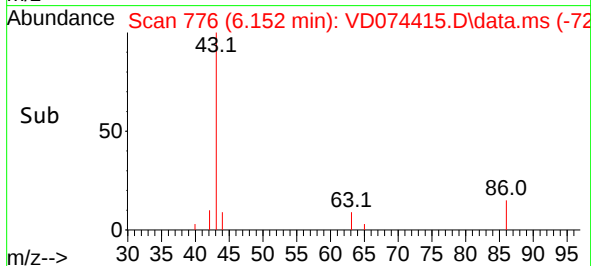
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010



Tgt Ion: 43 Resp: 27199
 Ion Ratio Lower Upper
 43 100
 86 15.2 11.2 16.8

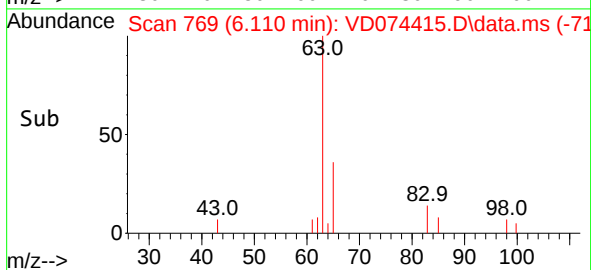
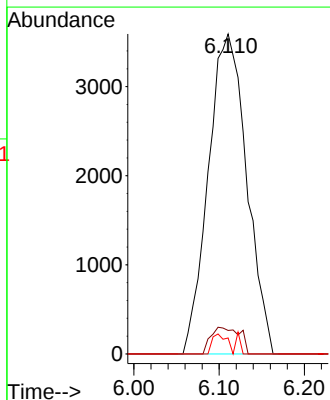
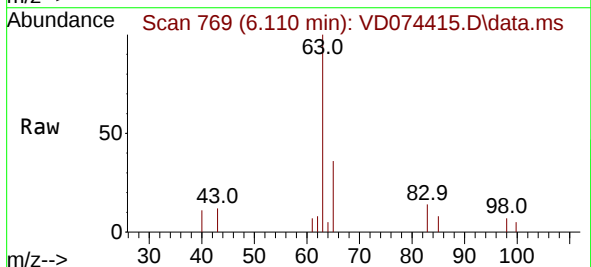
Manual Integrations
 APPROVED

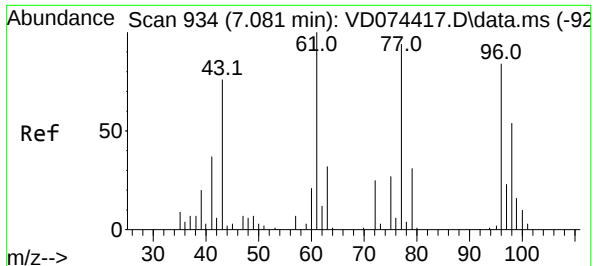
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022



#24
 1,1-Dichloroethane
 Concen: 10.403 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD074415.D
 Acq: 26 Sep 2022 12:04

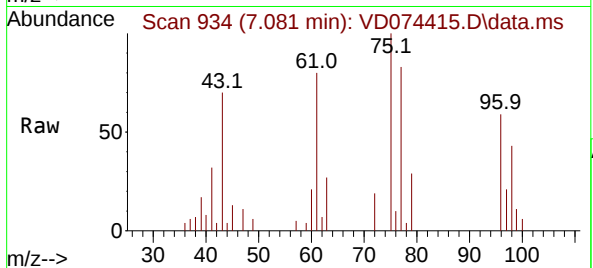
Tgt Ion: 63 Resp: 11236
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.6 13.8
 100 5.0 2.9 8.6





#25
2-Butanone
Concen: 50.502 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

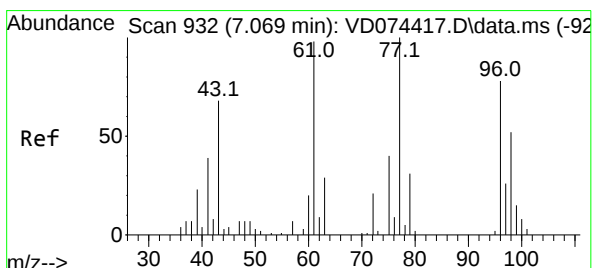
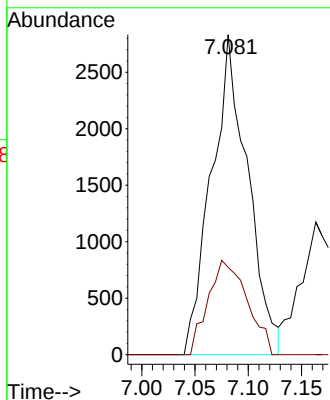
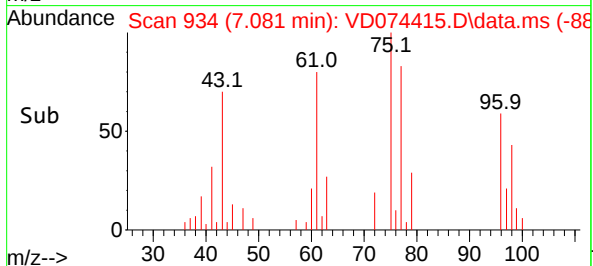
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



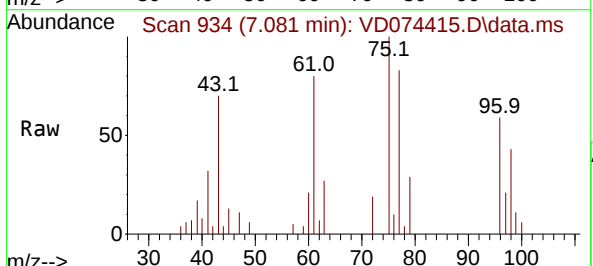
Tgt Ion: 43 Resp: 670
Ion Ratio Lower Upper
43 100
72 27.3 25.8 38.8

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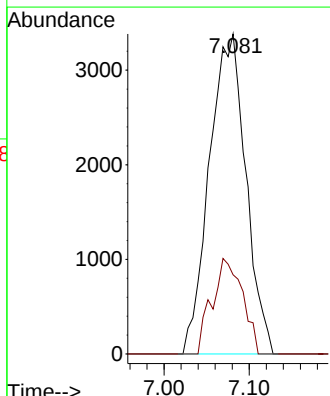
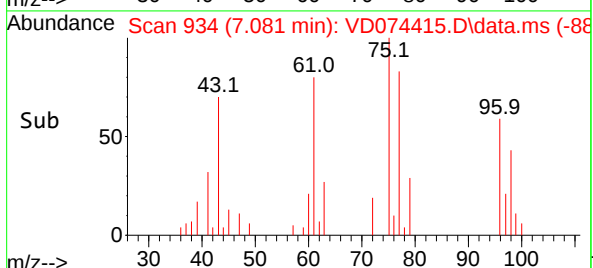
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

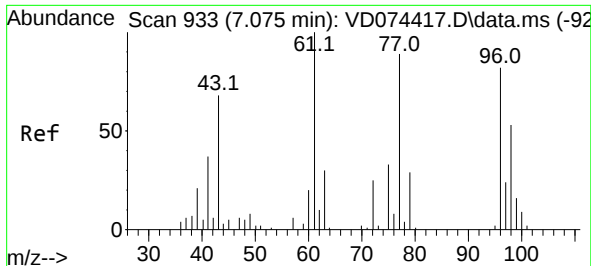


#26
2,2-Dichloropropane
Concen: 10.103 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.012 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04



Tgt Ion: 77 Resp: 10047
Ion Ratio Lower Upper
77 100
97 24.8 12.5 37.5





#27

cis-1,2-Dichloroethene

Concen: 9.853 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 96 Resp: 7478

Ion Ratio Lower Upper

96 100

61 130.9 0.0 242.4

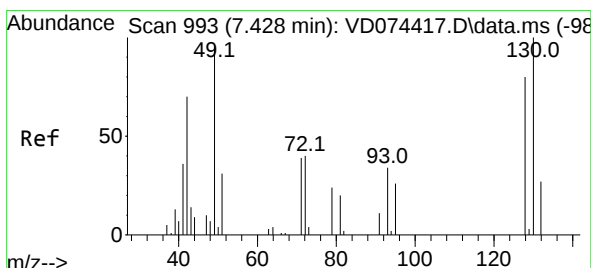
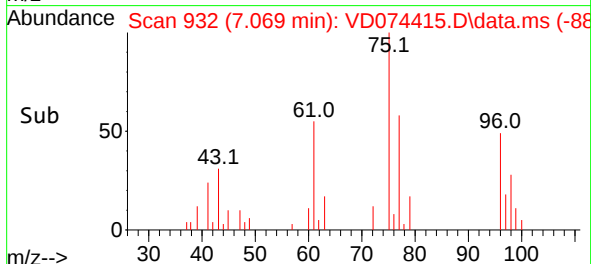
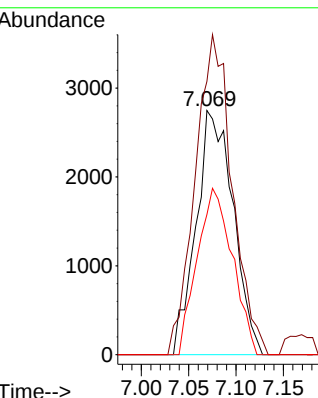
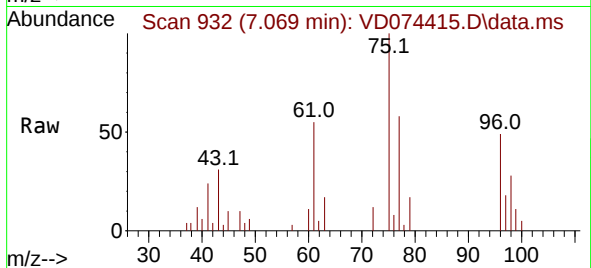
98 64.7 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#28

Bromochloromethane

Concen: 9.966 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

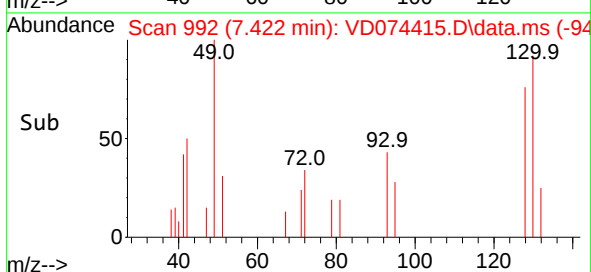
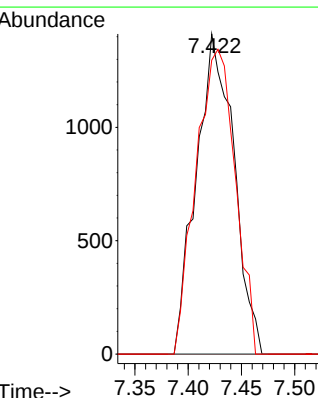
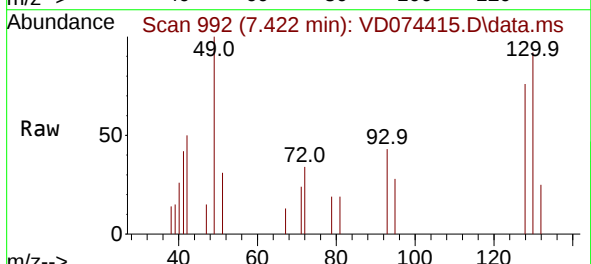
Tgt Ion: 49 Resp: 3451

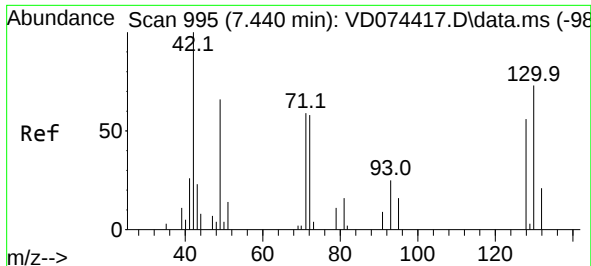
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

130 99.8 84.1 126.1





#29

Tetrahydrofuran

Concen: 50.901 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

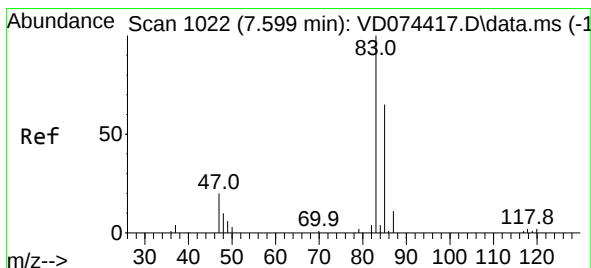
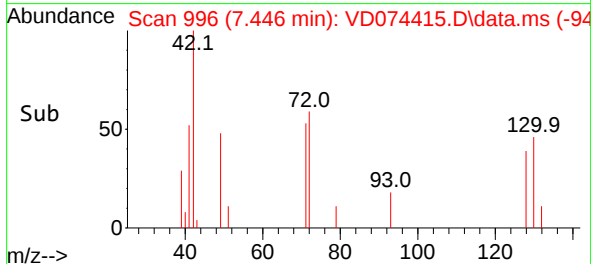
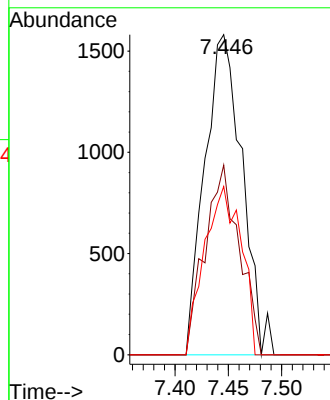
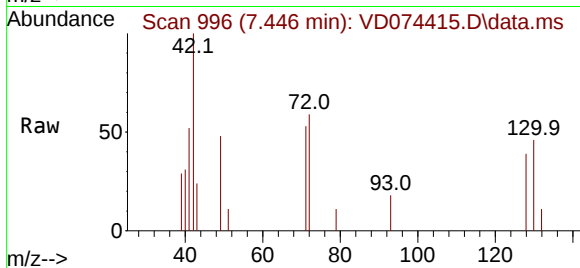
VSTDICC010

Tgt Ion:	42	Resp:	3864
Ion Ratio	Lower	Upper	
42	100		
72	54.3	45.8	68.6
71	51.6	44.6	66.8

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 10.426 ug/l

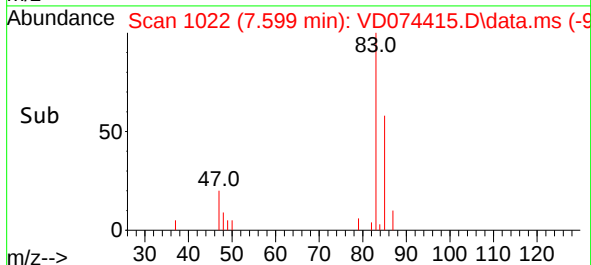
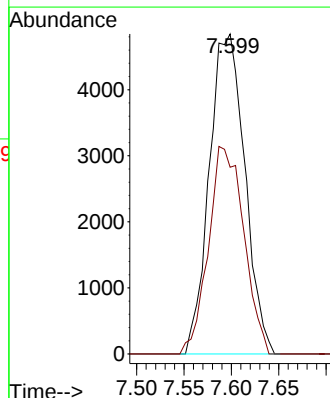
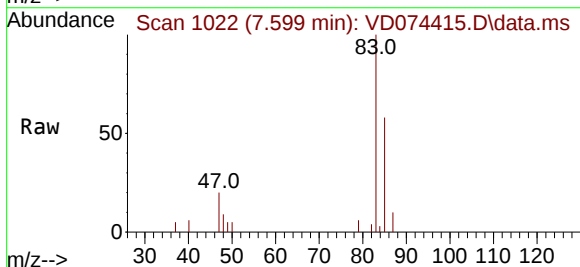
RT: 7.599 min Scan# 1022

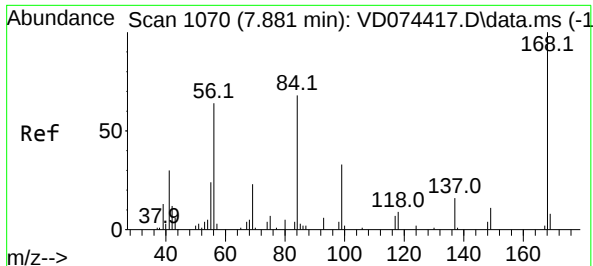
Delta R.T. 0.000 min

Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Tgt Ion:	83	Resp:	12630
Ion Ratio	Lower	Upper	
83	100		
85	58.4	52.0	78.0





#31

Cyclohexane

Concen: 11.167 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

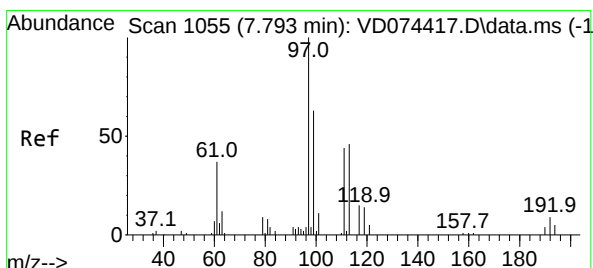
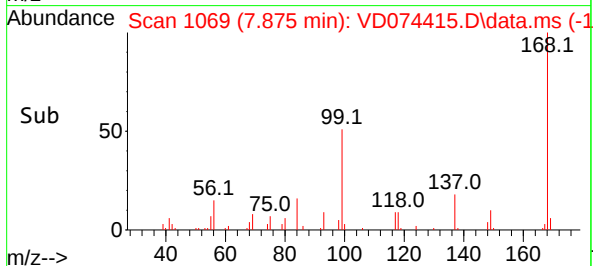
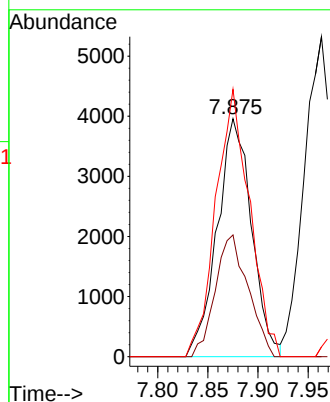
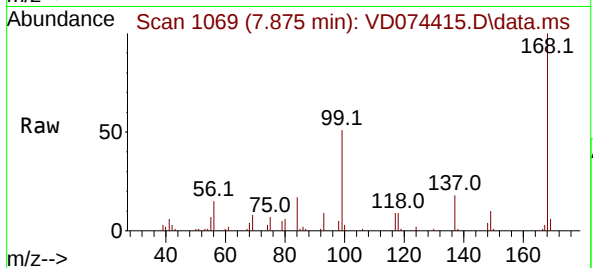
Tgt Ion:	56	Resp:	945
Ion Ratio	Lower	Upper	
56	100		
69	51.2	29.2	43.8
84	112.4	83.4	125.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#32

1,1,1-Trichloroethane

Concen: 9.968 ug/l

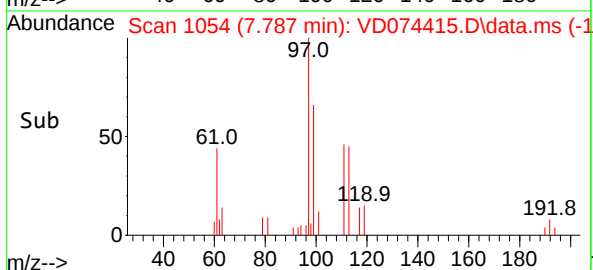
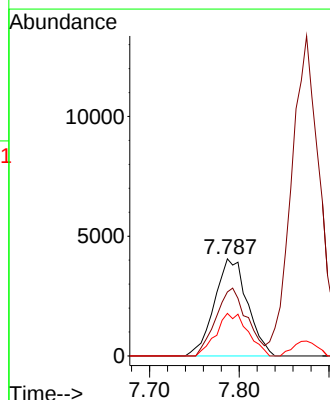
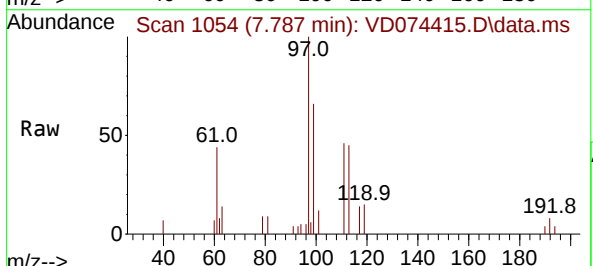
RT: 7.787 min Scan# 1054

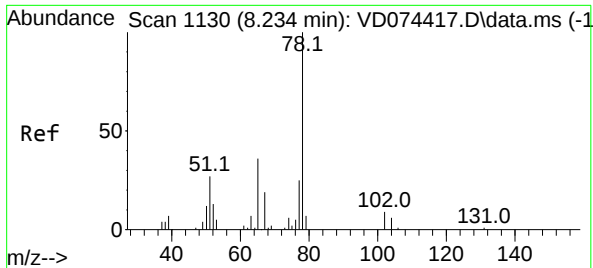
Delta R.T. -0.006 min

Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Tgt Ion:	97	Resp:	10375
Ion Ratio	Lower	Upper	
97	100		
99	66.1	53.3	79.9
61	42.2	30.2	45.4





#33

1,2-Dichloroethane-d4

Concen: 9.803 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 489

Ion Ratio Lower Upper

65 100

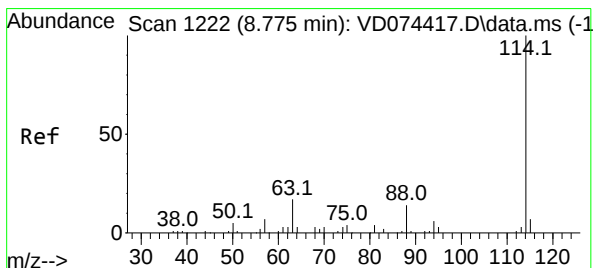
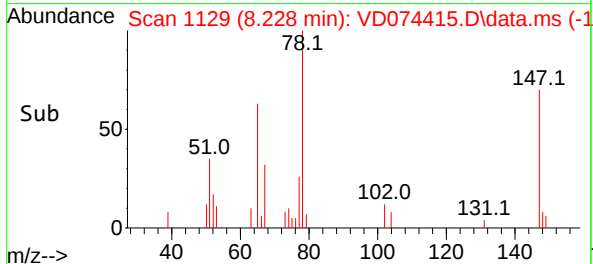
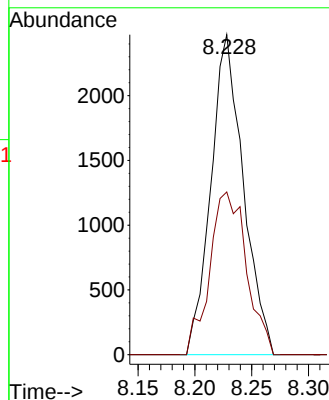
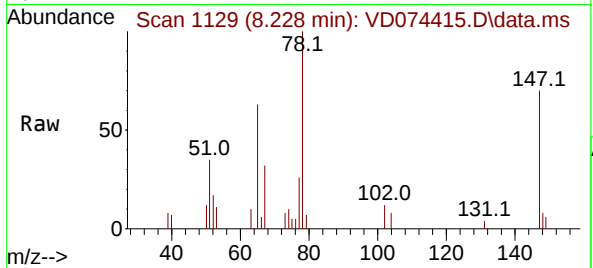
67 57.7 0.0 110.2

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: VD074415.D

Acq: 26 Sep 2022 12:04

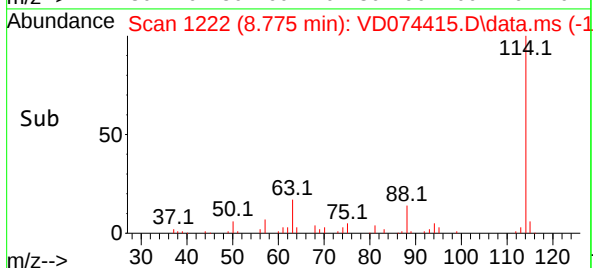
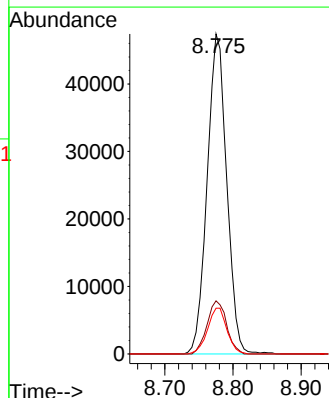
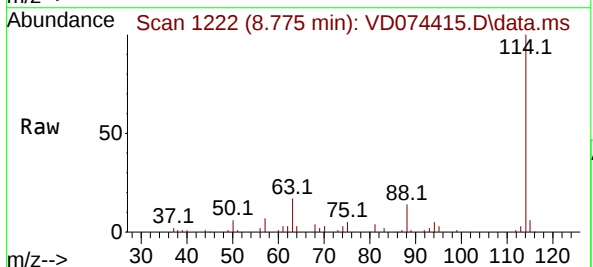
Tgt Ion:114 Resp: 94619

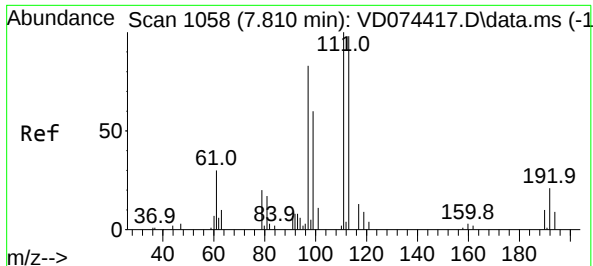
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.2

88 14.3 0.0 28.2





#35

Dibromofluoromethane

Concen: 11.875 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 113 Resp: 8260

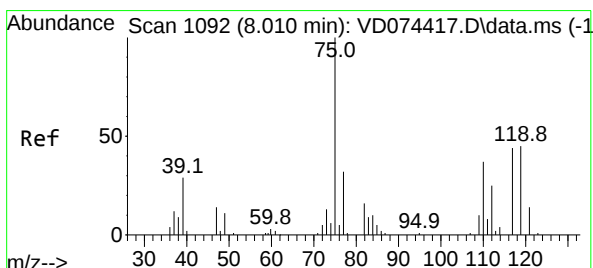
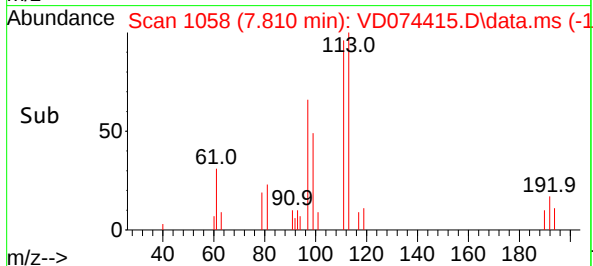
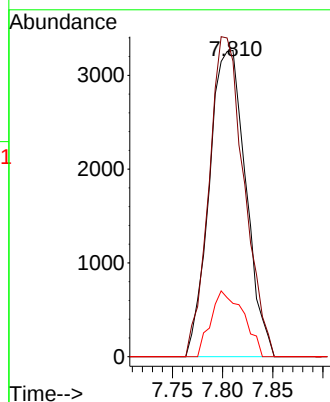
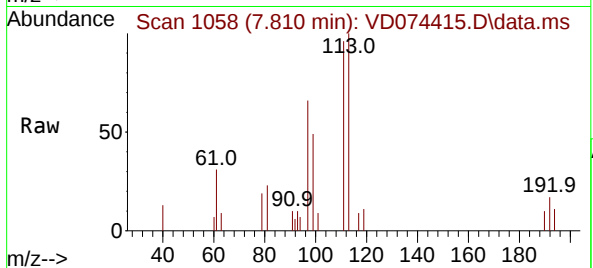
Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.3	123.5
192	19.2	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#36

1,1-Dichloropropene

Concen: 11.189 ug/l

RT: 8.004 min Scan# 1091

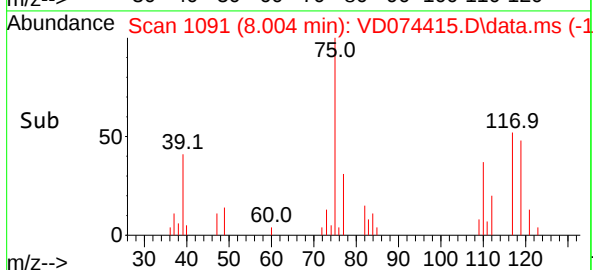
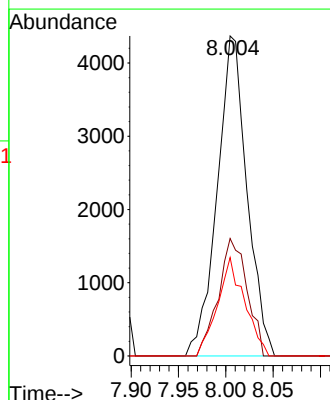
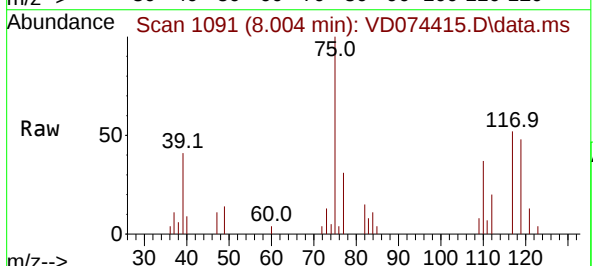
Delta R.T. -0.006 min

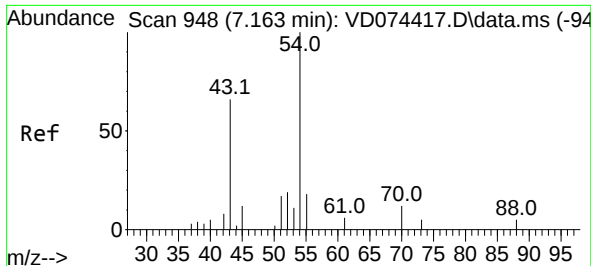
Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Tgt Ion: 75 Resp: 9560

Ion	Ratio	Lower	Upper
75	100		
110	35.5	19.7	59.0
77	28.1	25.4	38.2





#37

Ethyl Acetate

Concen: 10.032 ug/l

RT: 7.163 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 284

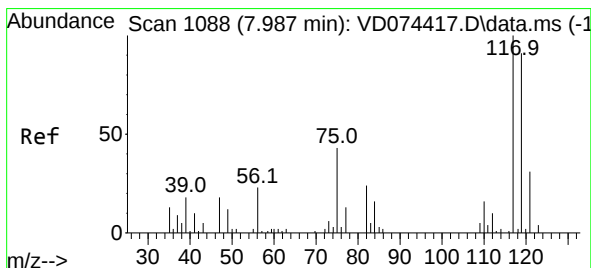
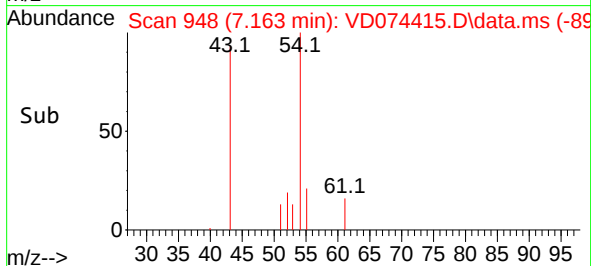
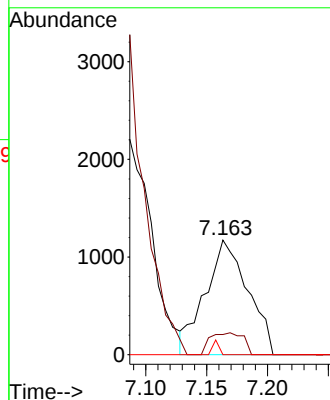
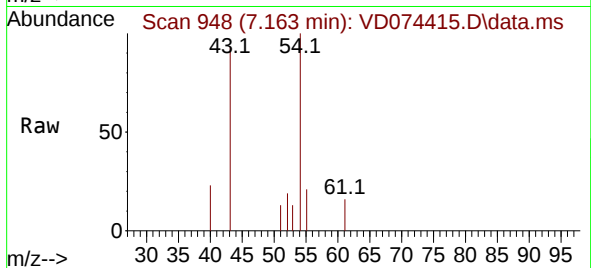
Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.2	18.4
70	1.9	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#38

Carbon Tetrachloride

Concen: 9.663 ug/l

RT: 7.987 min Scan# 1088

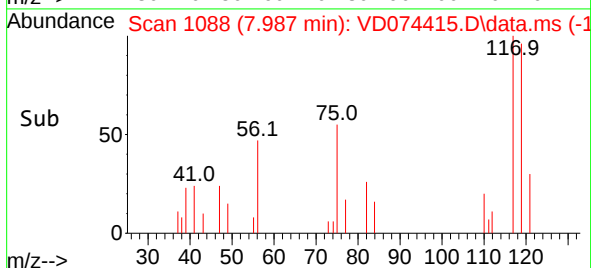
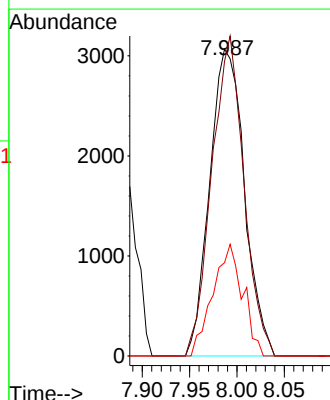
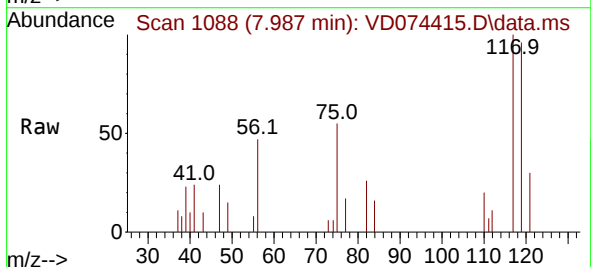
Delta R.T. 0.000 min

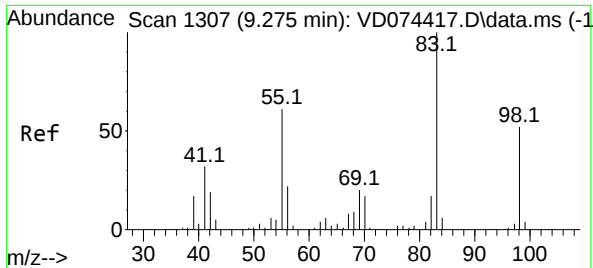
Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Tgt Ion:117 Resp: 7814

Ion	Ratio	Lower	Upper
117	100		
119	96.0	73.1	109.7
121	30.4	25.0	37.6





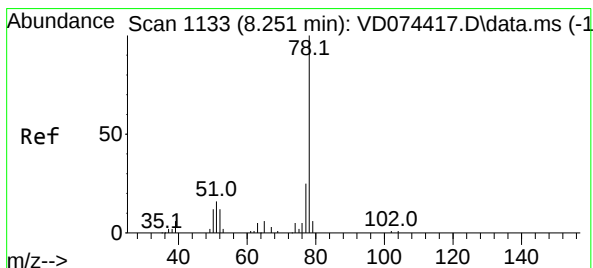
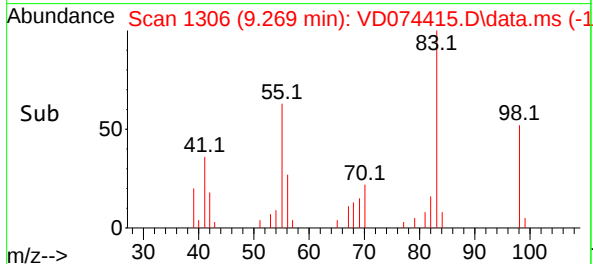
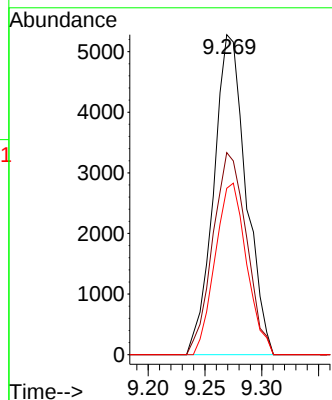
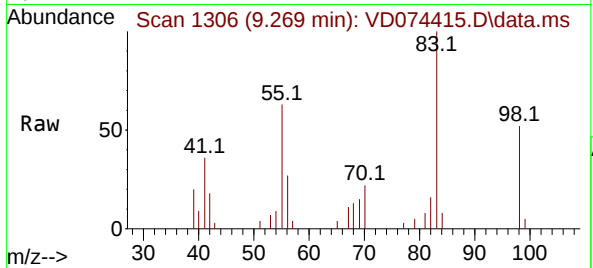
#39
Methylcyclohexane
Concen: 10.369 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 10450
Ion Ratio Lower Upper
83 100
55 63.1 49.0 73.4
98 52.0 41.7 62.5

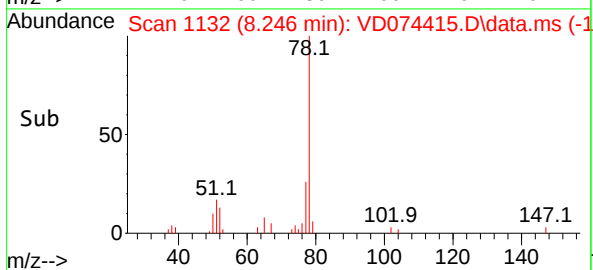
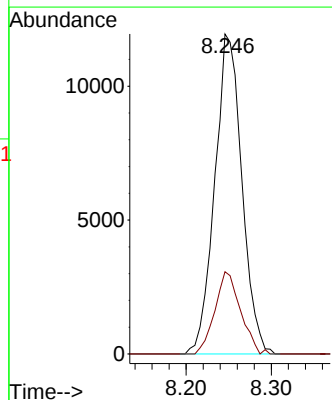
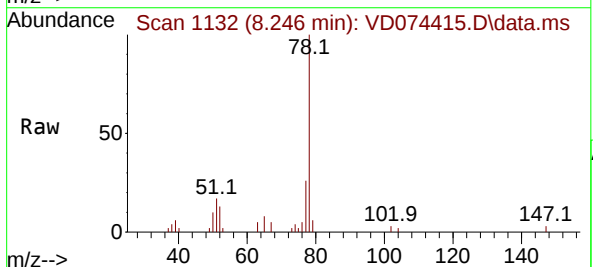
Manual Integrations
APPROVED

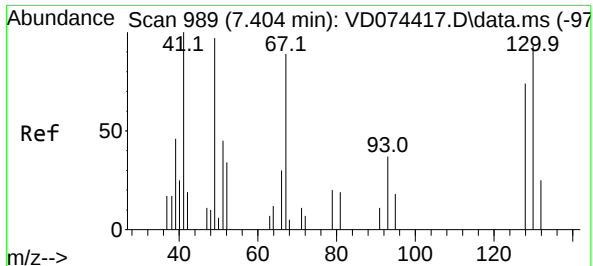
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#40
Benzene
Concen: 10.443 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

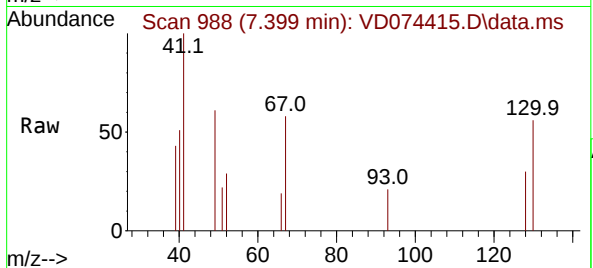
Tgt Ion: 78 Resp: 26395
Ion Ratio Lower Upper
78 100
77 25.7 20.1 30.1





#41
Methacrylonitrile
Concen: 8.877 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

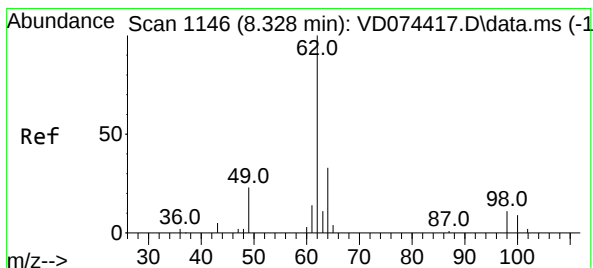
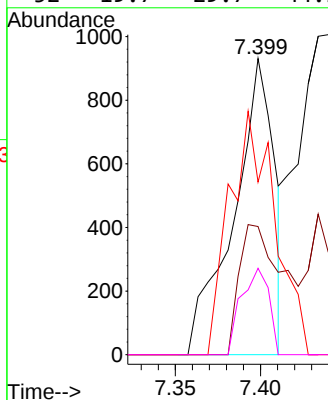
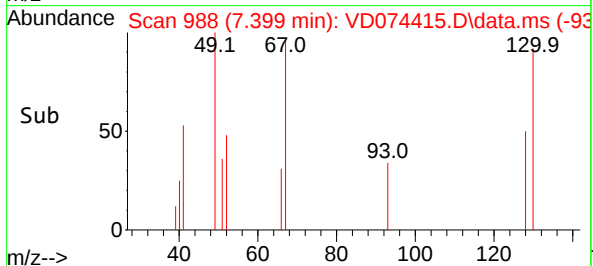
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 154
Ion Ratio Lower Upper
41 100
39 48.0 35.0 52.6
67 91.5 77.0 115.6
52 19.7 29.7 44.5#

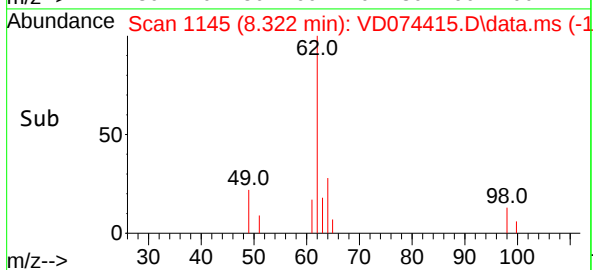
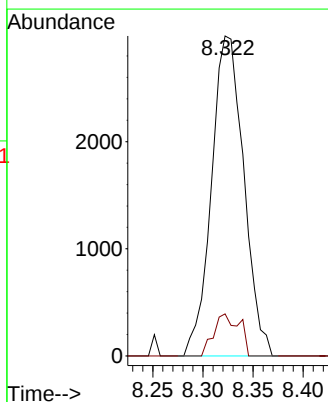
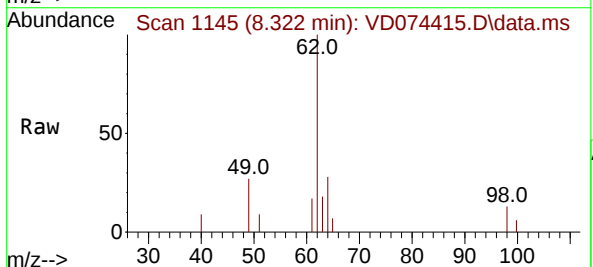
Manual Integrations
APPROVED

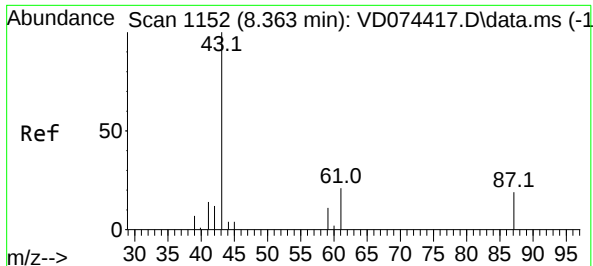
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#42
1,2-Dichloroethane
Concen: 10.586 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

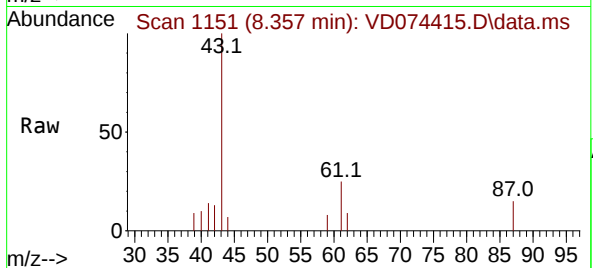
Tgt Ion: 62 Resp: 6694
Ion Ratio Lower Upper
62 100
98 10.4 0.0 24.2





#43
Isopropyl Acetate
Concen: 9.993 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

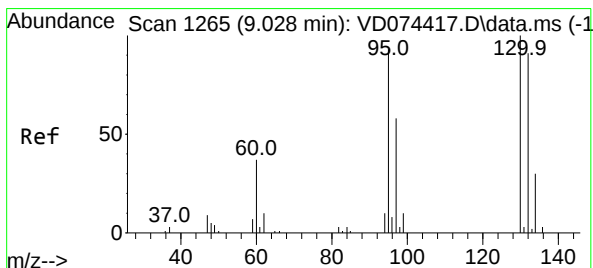
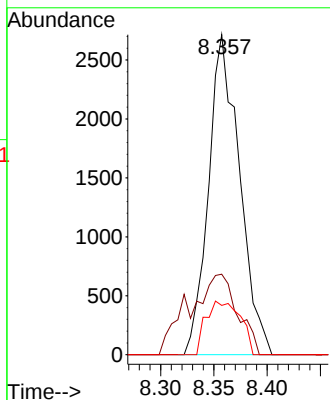
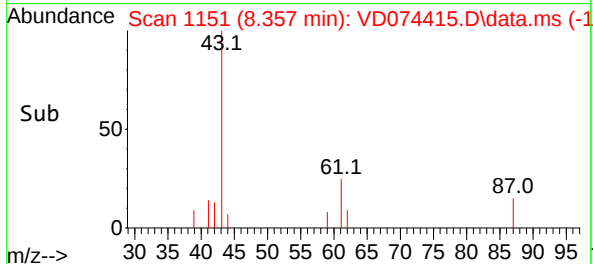
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



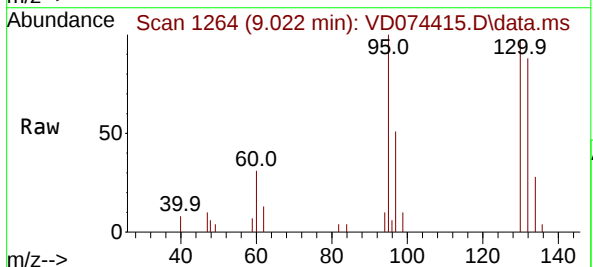
Tgt Ion: 43 Resp: 5494
Ion Ratio Lower Upper
43 100
61 29.4 30.9 46.3
87 18.6 14.3 21.5

Manual Integrations
APPROVED

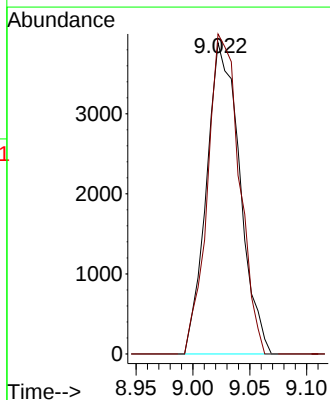
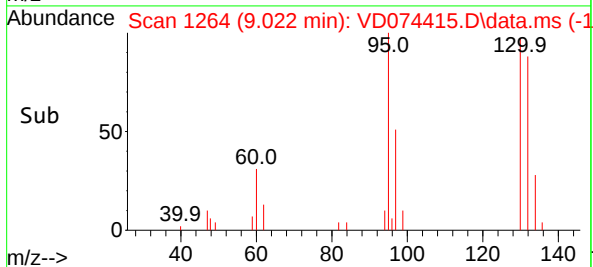
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

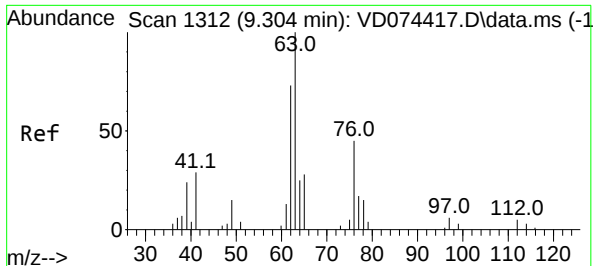


#44
Trichloroethene
Concen: 10.339 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04



Tgt Ion:130 Resp: 7941
Ion Ratio Lower Upper
130 100
95 102.8 0.0 185.4





#45

1,2-Dichloropropane

Concen: 10.044 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 6059

Ion Ratio Lower Upper

63 100

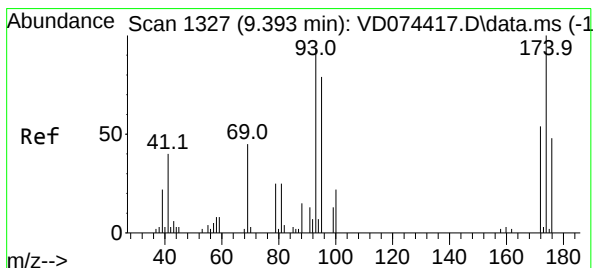
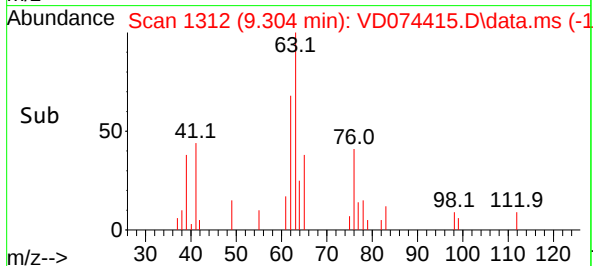
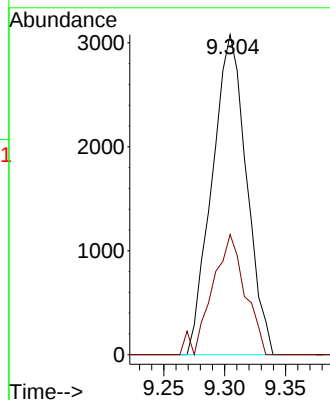
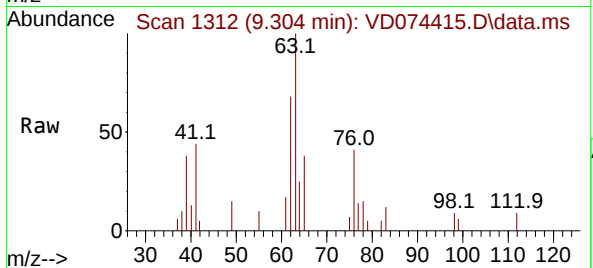
65 37.5 23.1 34.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#46

Dibromomethane

Concen: 10.614 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

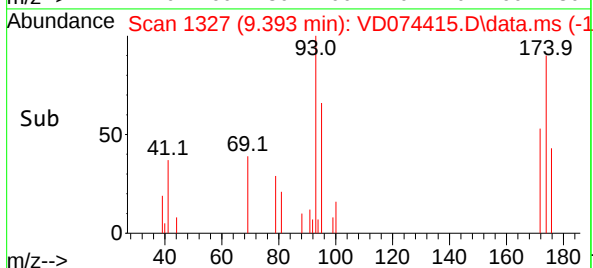
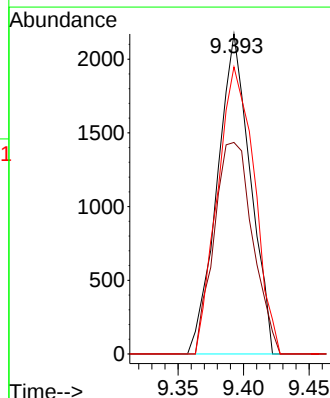
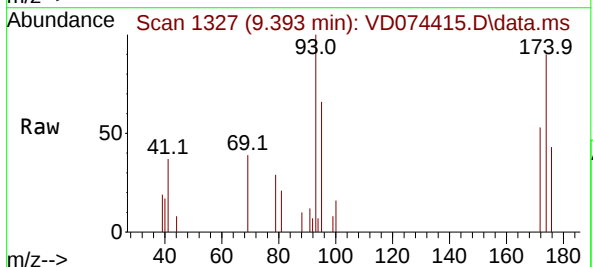
Tgt Ion: 93 Resp: 3820

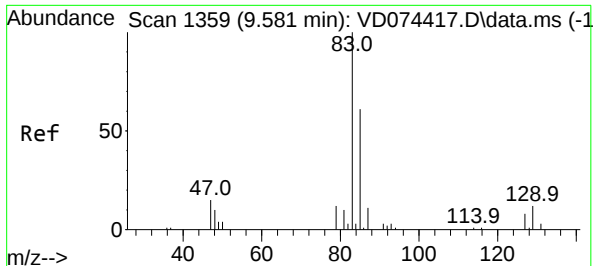
Ion Ratio Lower Upper

93 100

95 76.9 68.2 102.2

174 99.6 87.4 131.0





#47

Bromodichloromethane

Concen: 9.922 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

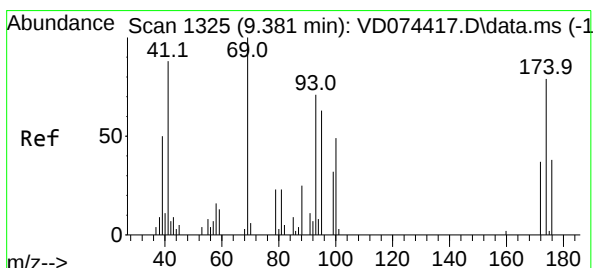
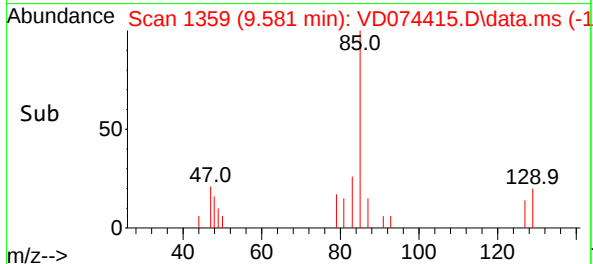
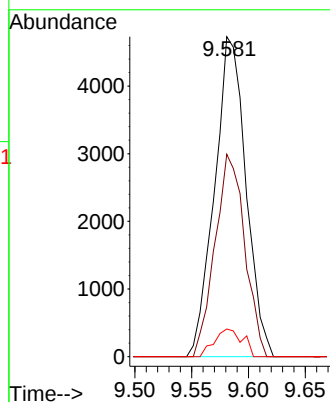
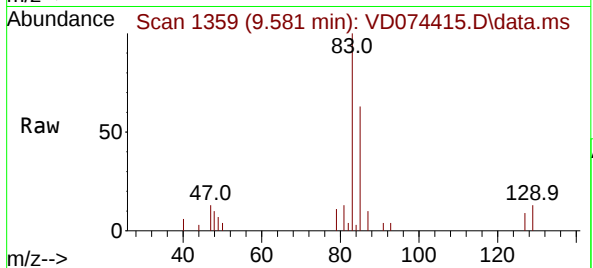
Tgt Ion: 83 Resp: 906

Ion	Ratio	Lower	Upper
83	100		
85	63.3	48.8	73.2
127	8.7	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: 9.822 ug/l

RT: 9.375 min Scan# 1324

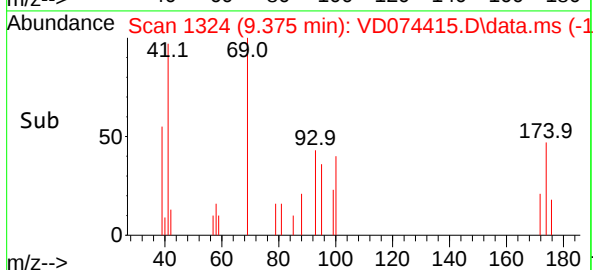
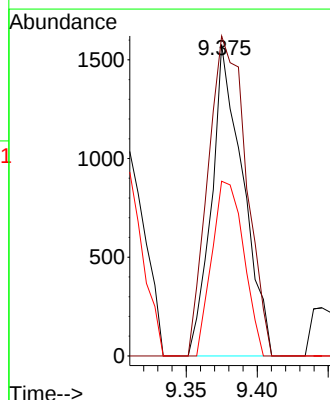
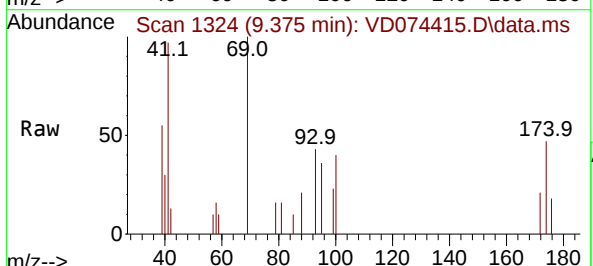
Delta R.T. -0.006 min

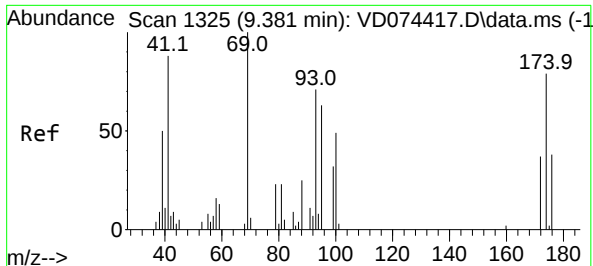
Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Tgt Ion: 41 Resp: 2427

Ion	Ratio	Lower	Upper
41	100		
69	124.9	93.0	139.4
39	56.8	44.6	66.8





#49

1,4-Dioxane

Concen: 137.507 ug/l

RT: 9.387 min Scan# 1325

Delta R.T. 0.006 min

Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 88 Resp: 489

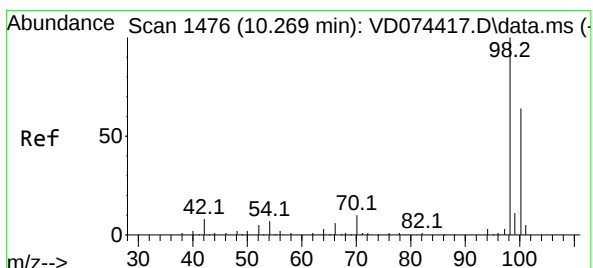
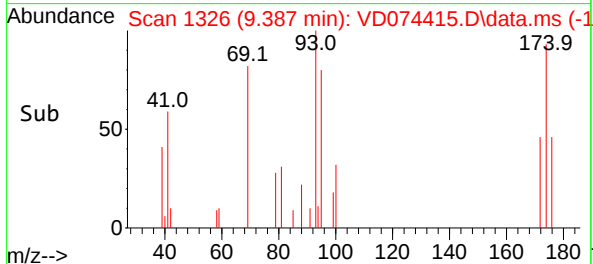
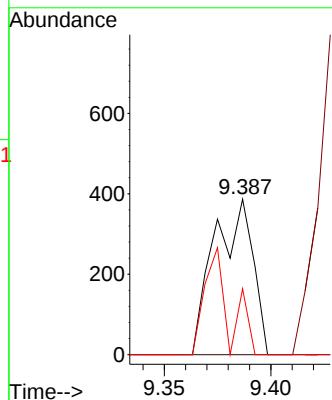
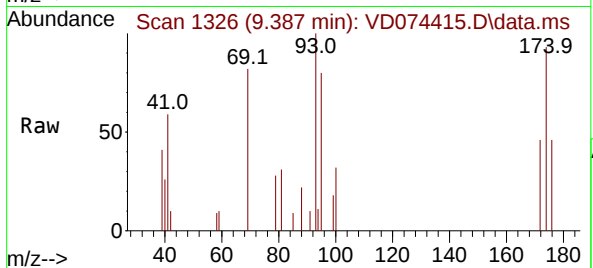
Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.1	36.1
58	43.8	43.1	64.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#50

Toluene-d8

Concen: 9.109 ug/l

RT: 10.269 min Scan# 1476

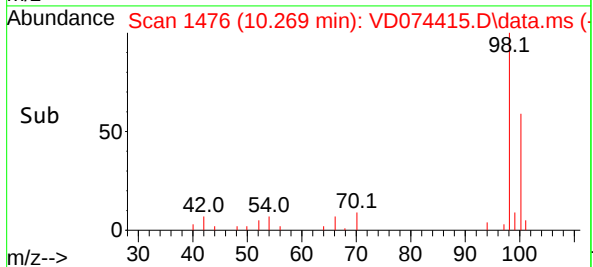
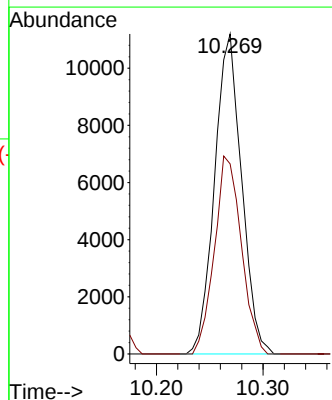
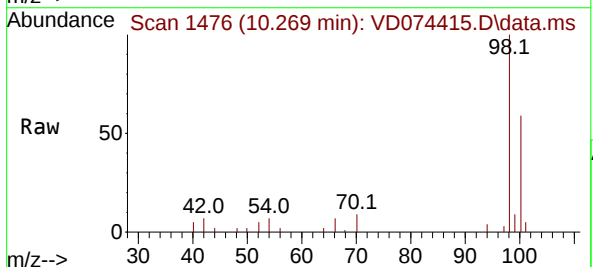
Delta R.T. 0.000 min

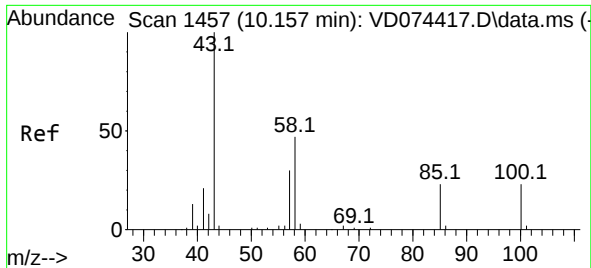
Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Tgt Ion: 98 Resp: 19686

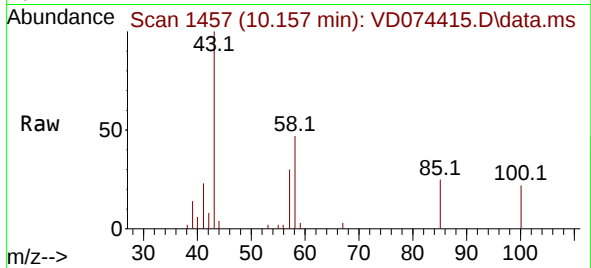
Ion	Ratio	Lower	Upper
98	100		
100	61.7	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 50.315 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

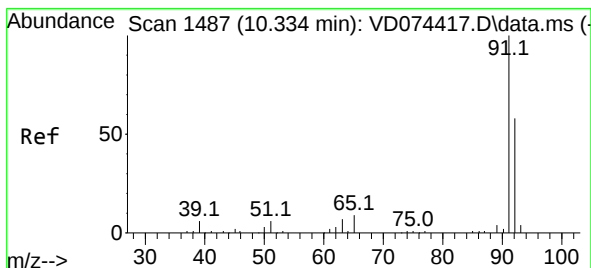
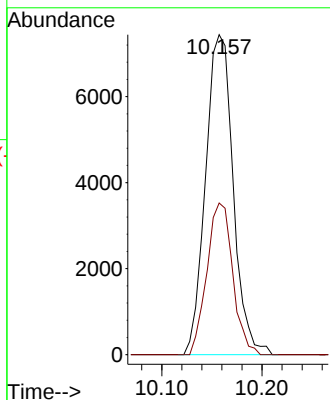
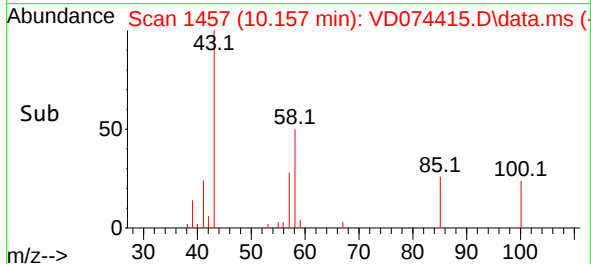
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



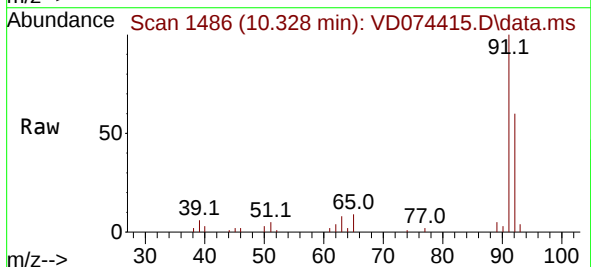
Tgt Ion: 43 Resp: 14248
Ion Ratio Lower Upper
43 100
58 44.3 37.8 56.6

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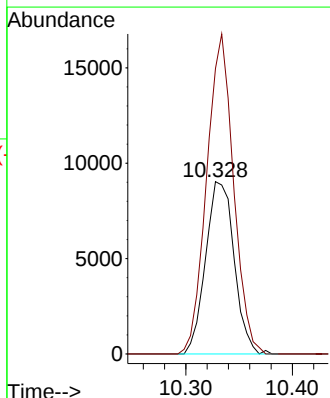
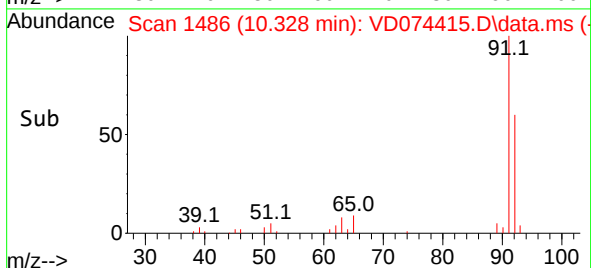
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

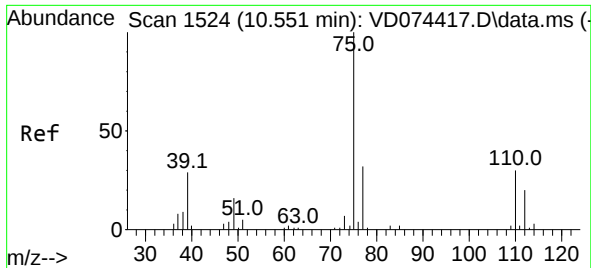


#52
Toluene
Concen: 10.305 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04



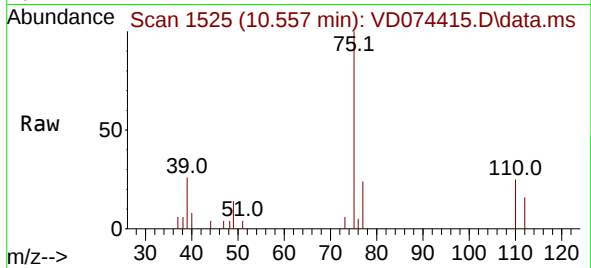
Tgt Ion: 92 Resp: 16777
Ion Ratio Lower Upper
92 100
91 174.9 139.0 208.4





#53
t-1,3-Dichloropropene
Concen: 9.724 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

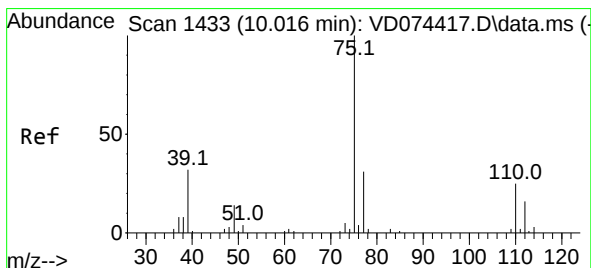
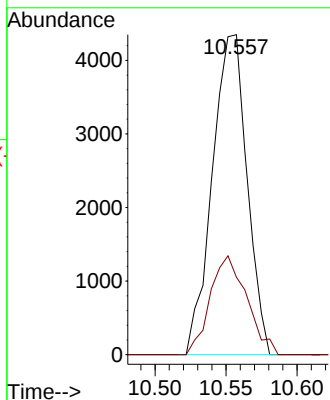
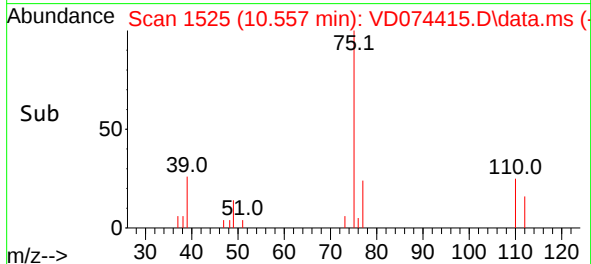
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 7400
Ion Ratio Lower Upper
75 100
77 24.2 25.6 38.4

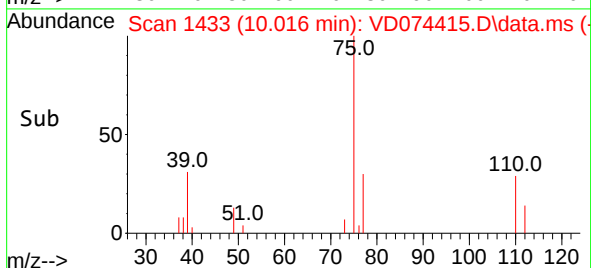
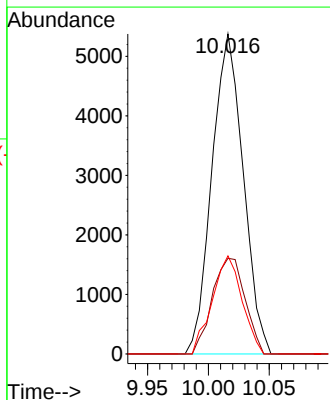
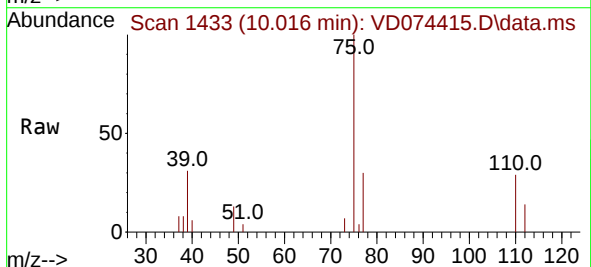
Manual Integrations
APPROVED

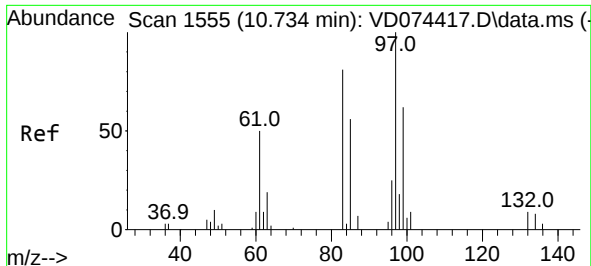
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#54
cis-1,3-Dichloropropene
Concen: 9.929 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

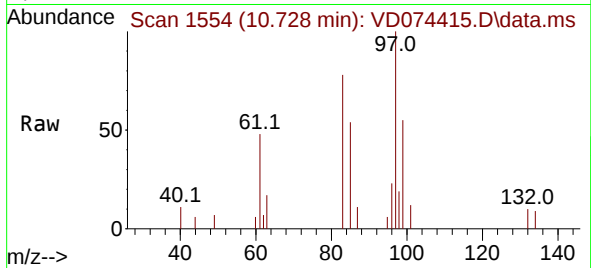
Tgt Ion: 75 Resp: 9603
Ion Ratio Lower Upper
75 100
77 29.9 24.7 37.1
39 30.7 25.4 38.2





#55
1,1,2-Trichloroethane
Concen: 9.756 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

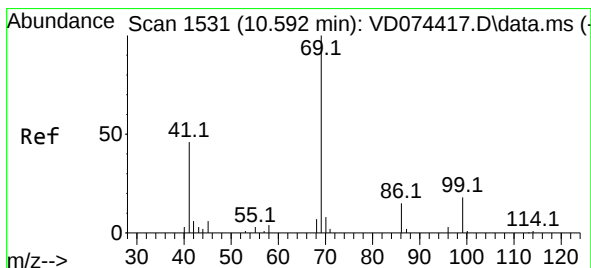
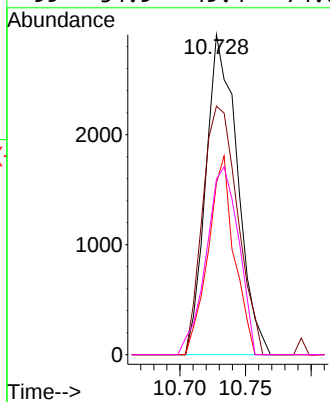
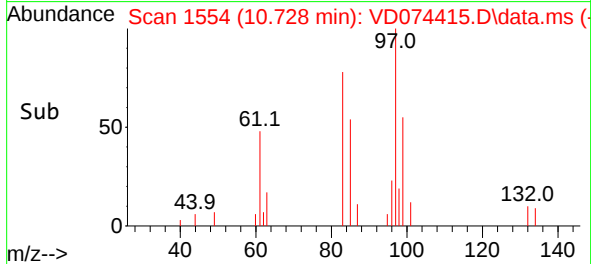
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion	Ratio	Lower	Upper
97	100		
83	77.7	64.8	97.2
85	53.7	44.8	67.2
99	54.9	49.4	74.0

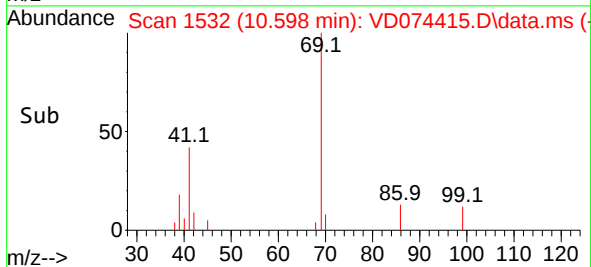
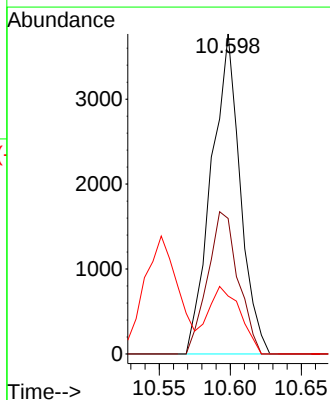
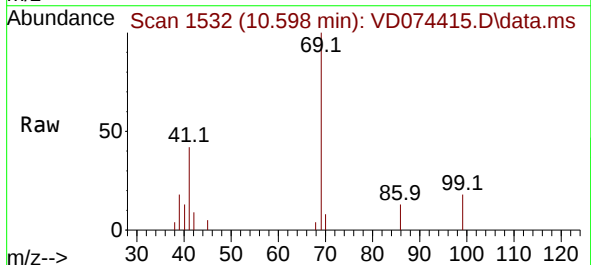
Manual Integrations
APPROVED

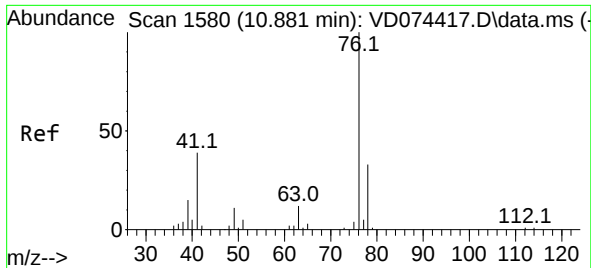
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#56
Ethyl methacrylate
Concen: 9.609 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

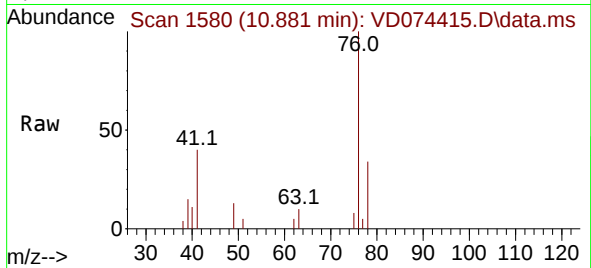
Tgt Ion	Ratio	Lower	Upper
69	100		
41	47.2	38.6	58.0
39	23.7	19.9	29.9





#57
1,3-Dichloropropane
Concen: 10.363 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

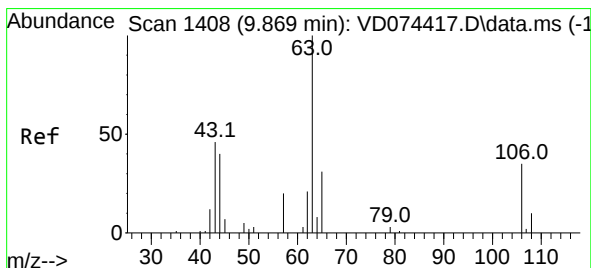
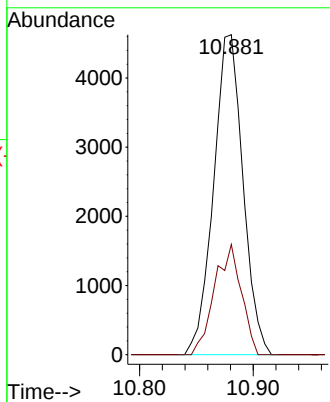
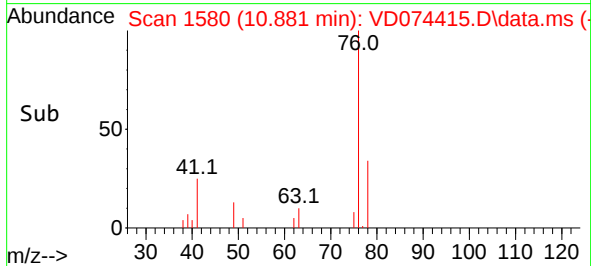
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 76 Resp: 832
Ion Ratio Lower Upper
76 100
78 31.4 25.7 38.5

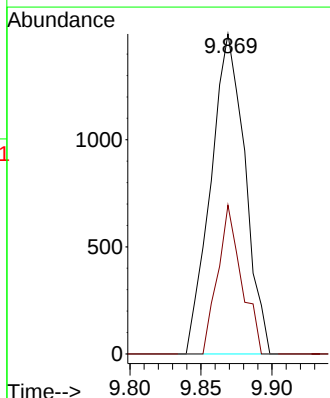
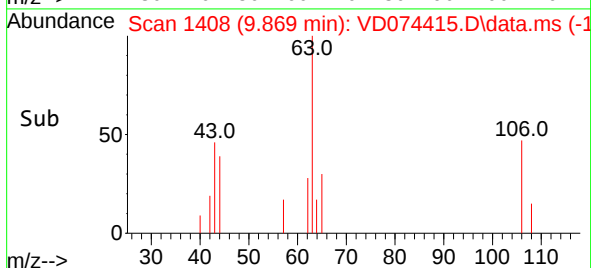
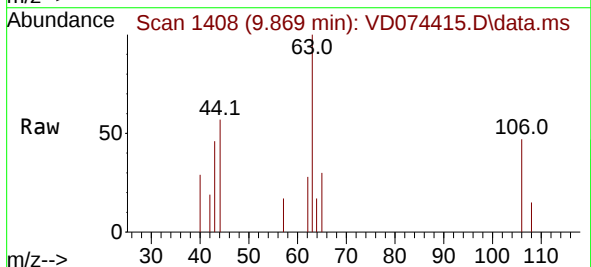
Manual Integrations
APPROVED

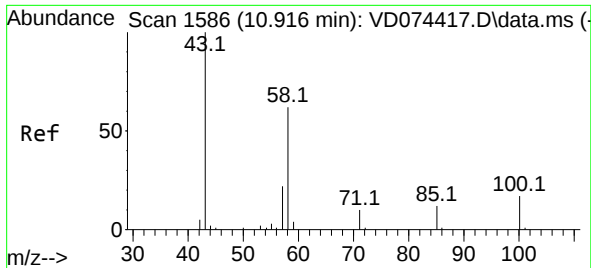
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#58
2-Chloroethyl Vinyl ether
Concen: 29.043 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

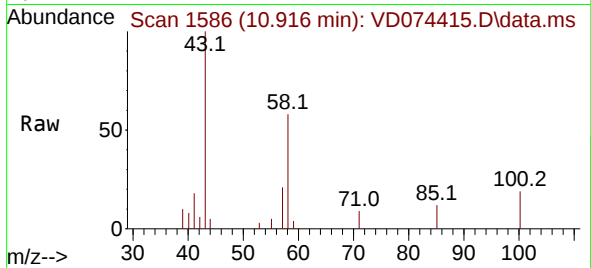
Tgt Ion: 63 Resp: 2500
Ion Ratio Lower Upper
63 100
106 32.3 26.5 39.7





#59
2-Hexanone
Concen: 47.924 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

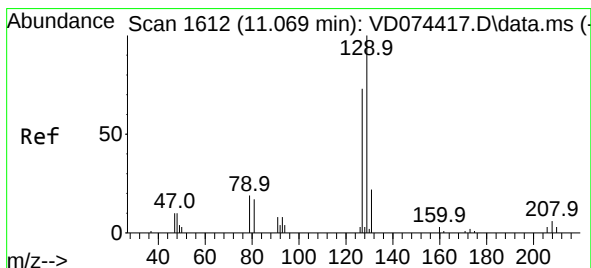
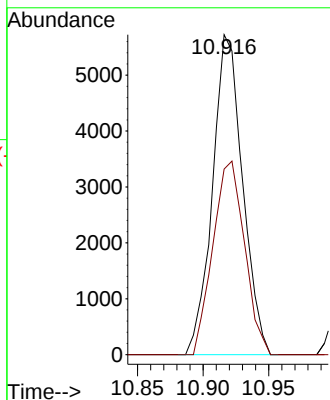
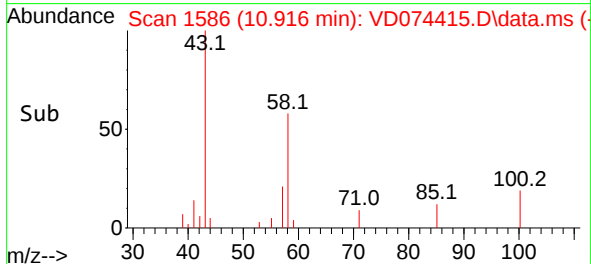
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 9129
Ion Ratio Lower Upper
43 100
58 63.6 32.0 96.2

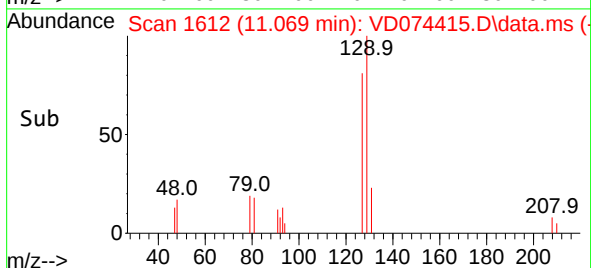
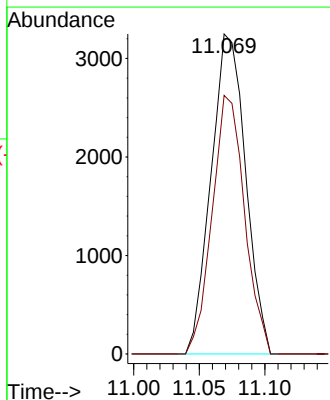
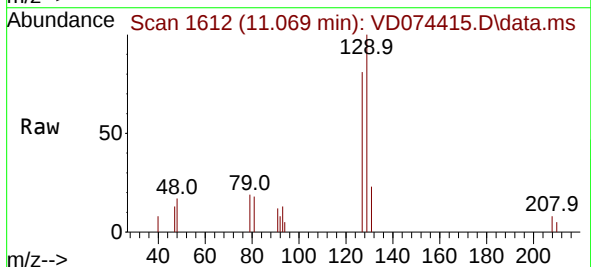
Manual Integrations
APPROVED

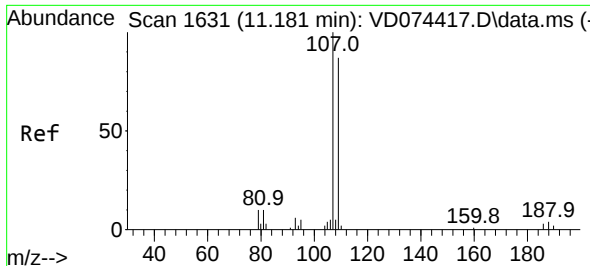
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#60
Dibromochloromethane
Concen: 9.610 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

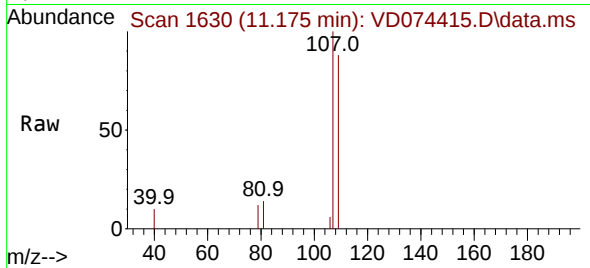
Tgt Ion:129 Resp: 5959
Ion Ratio Lower Upper
129 100
127 75.7 39.1 117.2





#61
1,2-Dibromoethane
Concen: 10.596 ug/l
RT: 11.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

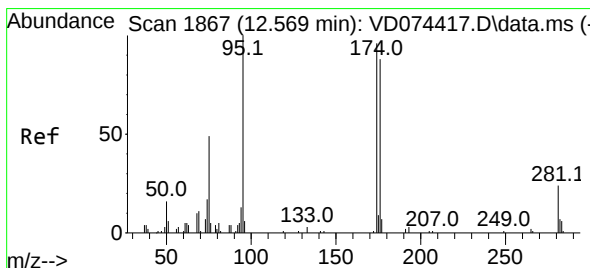
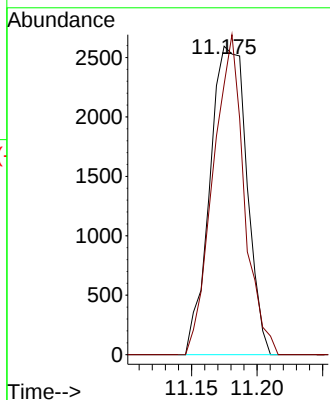
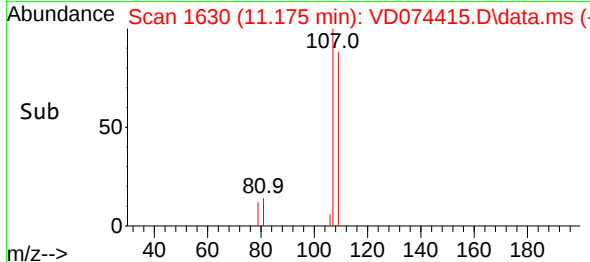
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



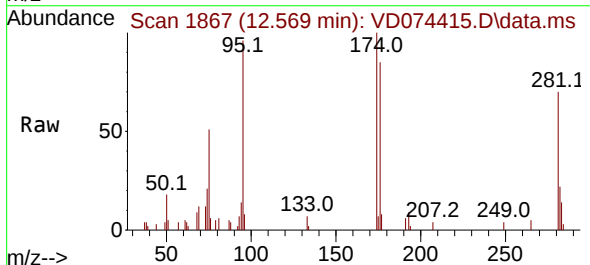
Tgt Ion:107 Resp: 5084
Ion Ratio Lower Upper
107 100
109 87.5 74.6 111.8

Manual Integrations
APPROVED

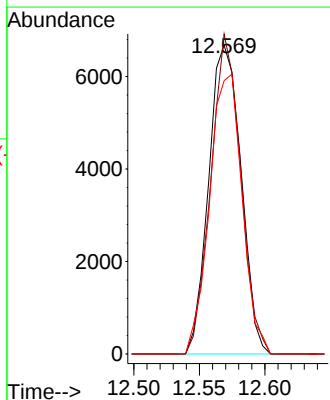
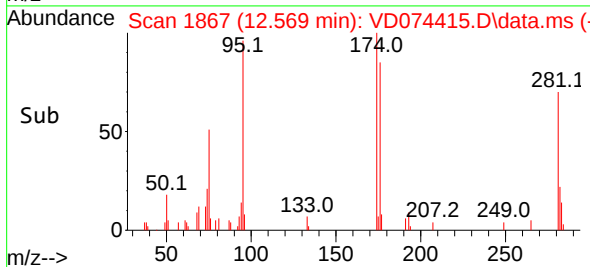
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

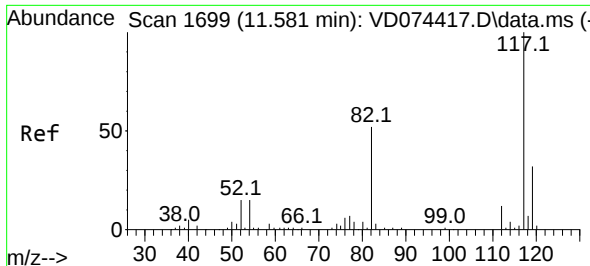


#62
4-Bromofluorobenzene
Concen: 13.205 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04



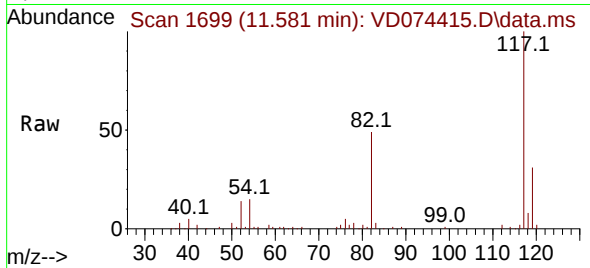
Tgt Ion: 95 Resp: 11437
Ion Ratio Lower Upper
95 100
174 95.6 0.0 197.0
176 91.3 0.0 182.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

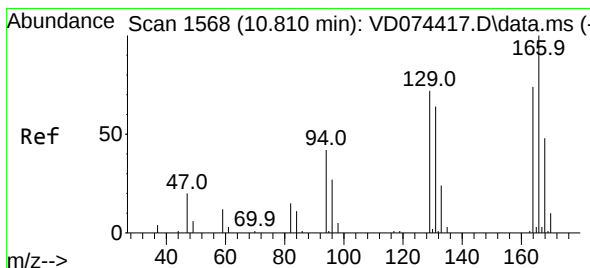
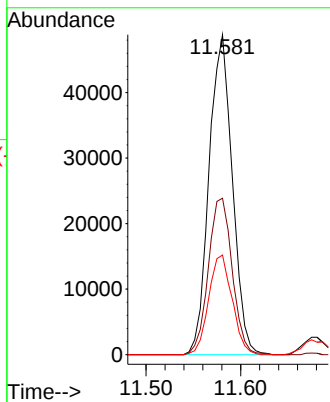
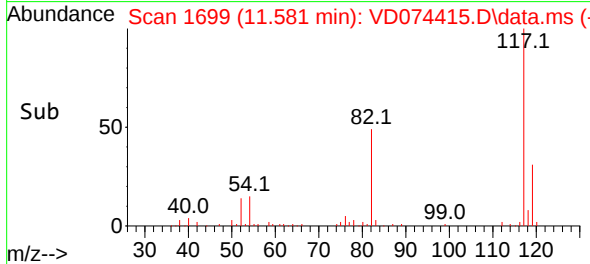
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 8347
Ion Ratio Lower Upper
117 100
82 48.9 41.6 62.4
119 31.2 25.2 37.8

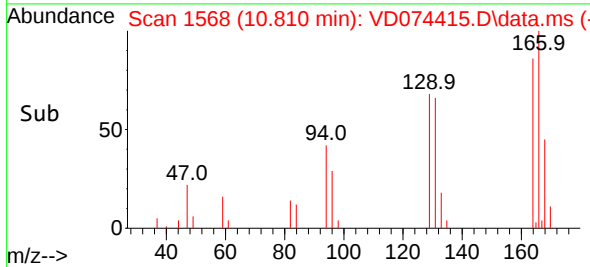
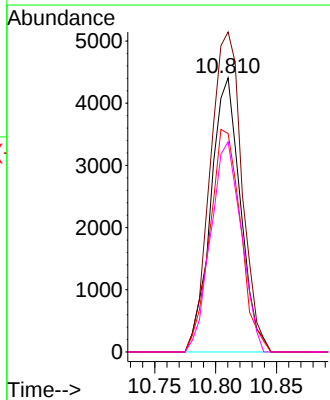
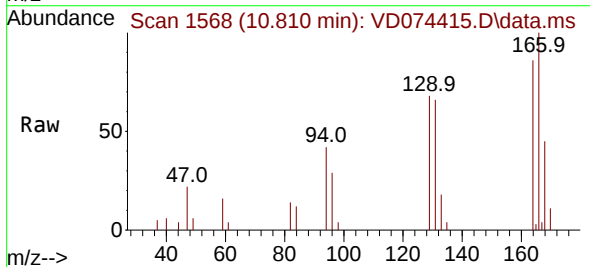
Manual Integrations
APPROVED

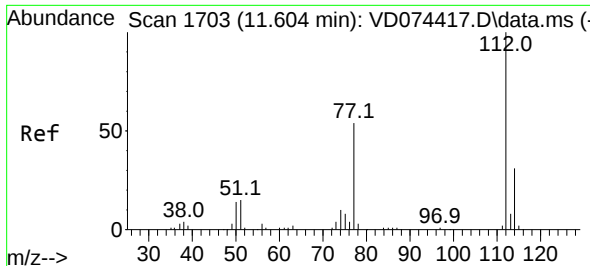
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#64
Tetrachloroethene
Concen: 11.454 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

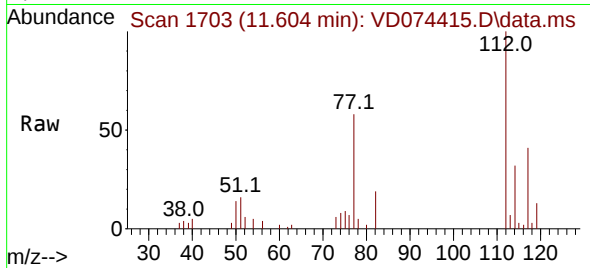
Tgt Ion:164 Resp: 7463
Ion Ratio Lower Upper
164 100
166 116.8 107.8 161.8
129 79.7 77.4 116.2
131 76.7 69.5 104.3





#65
Chlorobenzene
Concen: 10.319 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

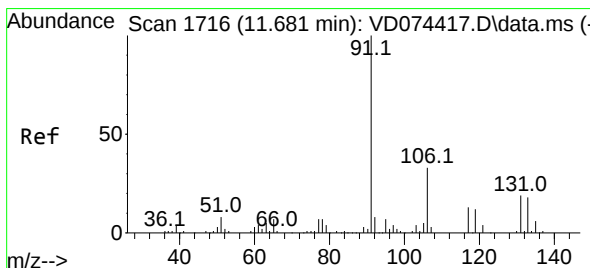
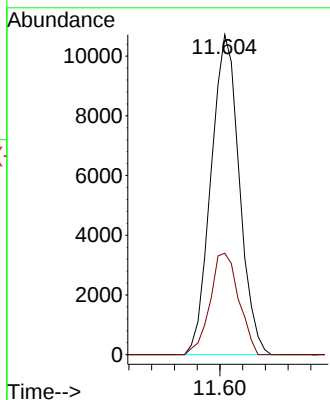
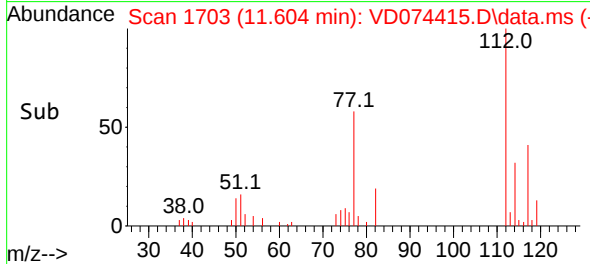
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



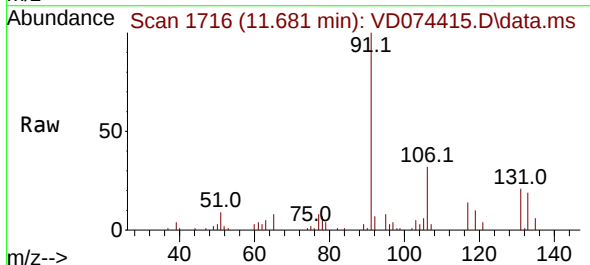
Tgt Ion:112 Resp: 1856
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7

Manual Integrations
APPROVED

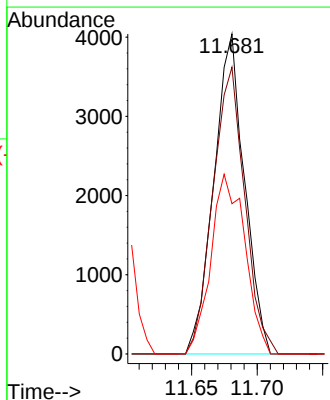
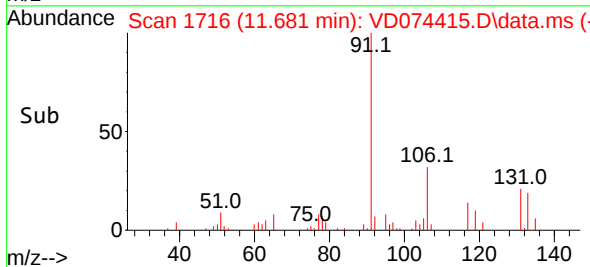
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

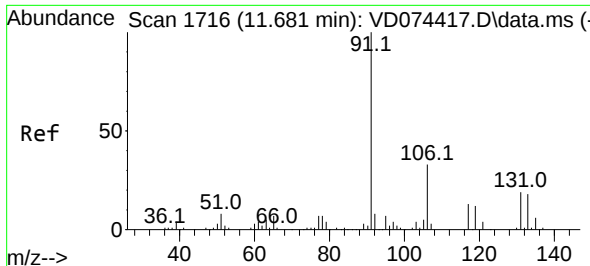


#66
1,1,1,2-Tetrachloroethane
Concen: 10.110 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04



Tgt Ion:131 Resp: 6570
Ion Ratio Lower Upper
131 100
133 93.0 46.6 139.8
119 62.2 32.5 97.4





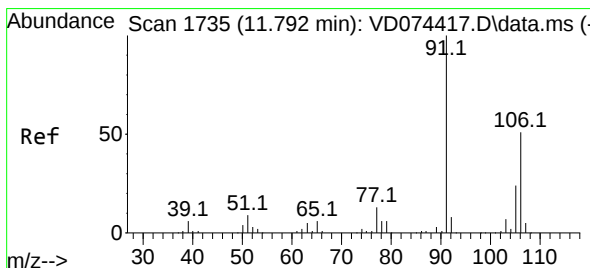
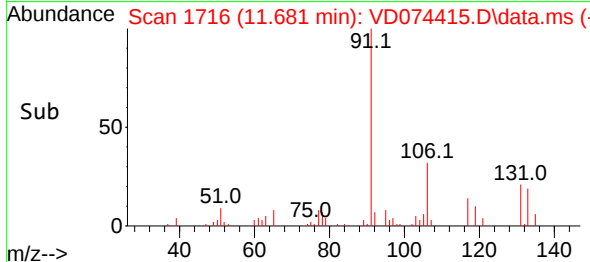
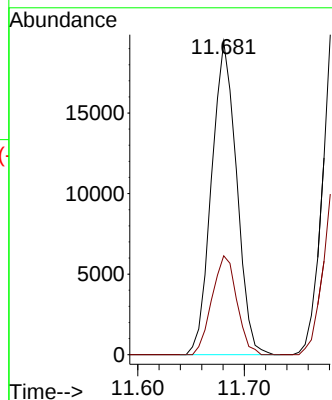
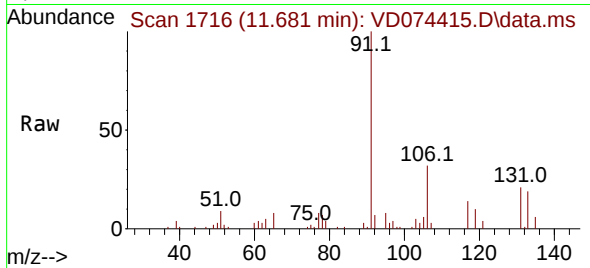
#67
Ethyl Benzene
Concen: 10.041 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 3176
Ion Ratio Lower Upper
91 100
106 31.6 26.6 40.0

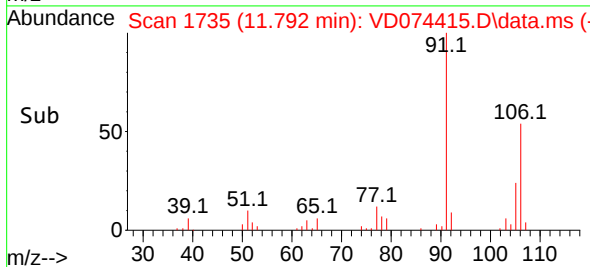
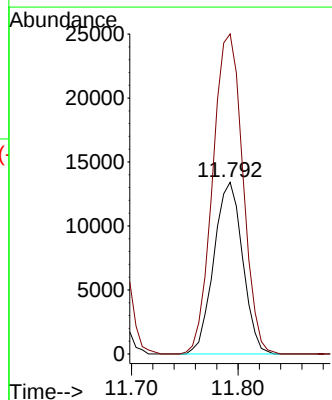
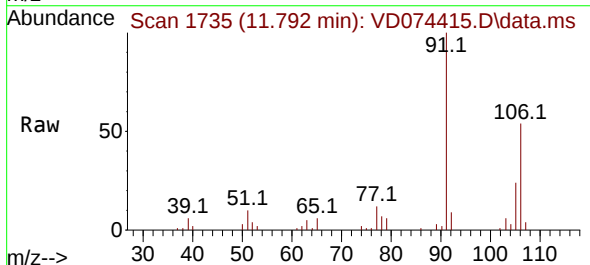
Manual Integrations
APPROVED

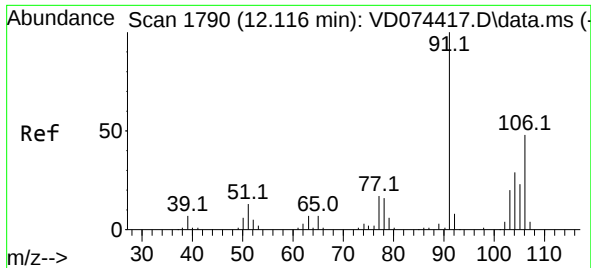
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#68
m/p-Xylenes
Concen: 20.211 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

Tgt Ion:106 Resp: 25176
Ion Ratio Lower Upper
106 100
91 194.9 156.2 234.4





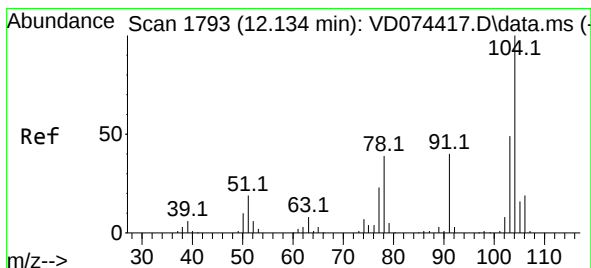
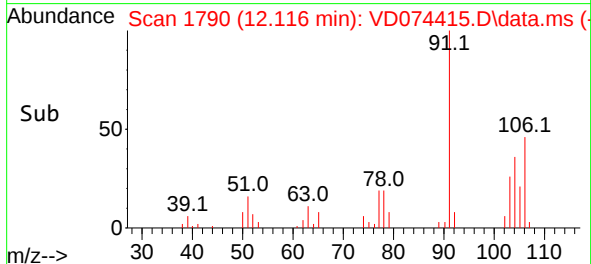
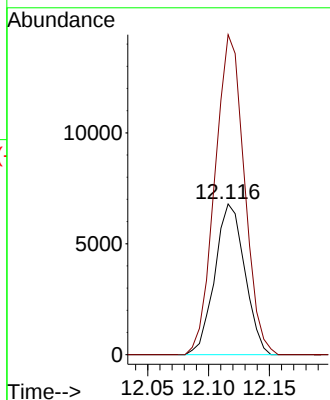
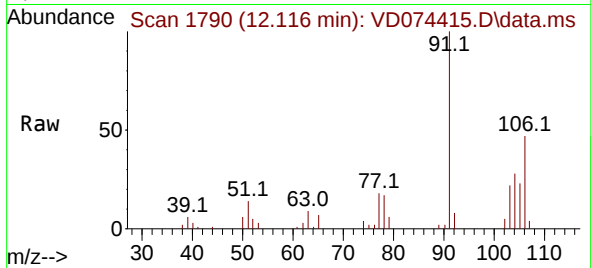
#69
o-Xylene
Concen: 10.056 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 11632
Ion Ratio Lower Upper
106 100
91 208.8 104.5 313.3

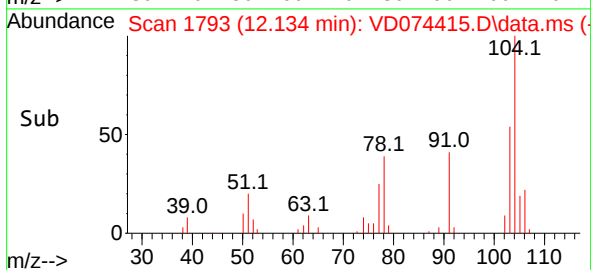
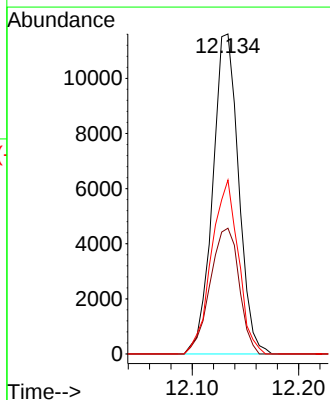
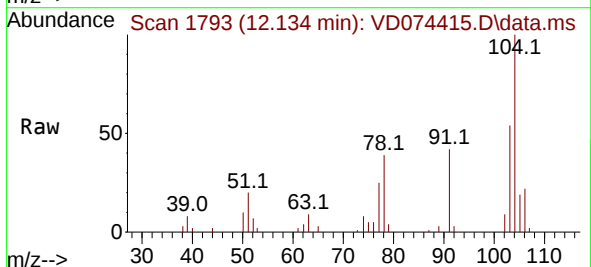
Manual Integrations
APPROVED

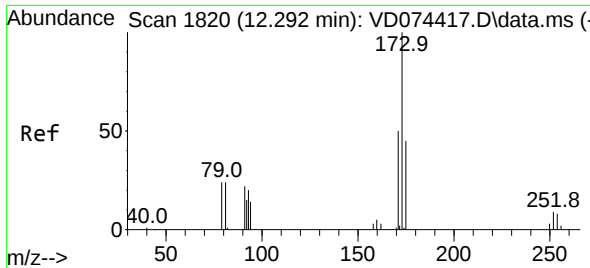
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#70
Styrene
Concen: 9.775 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

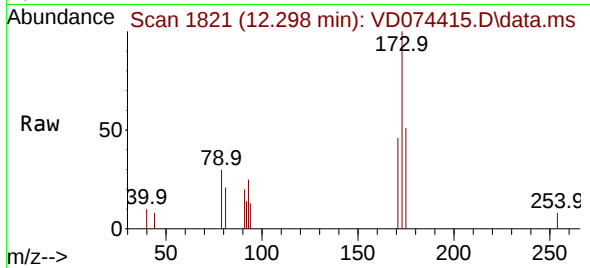
Tgt Ion:104 Resp: 19623
Ion Ratio Lower Upper
104 100
78 43.8 35.7 53.5
103 56.5 43.7 65.5





#71
Bromoform
Concen: 10.178 ug/l
RT: 12.298 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

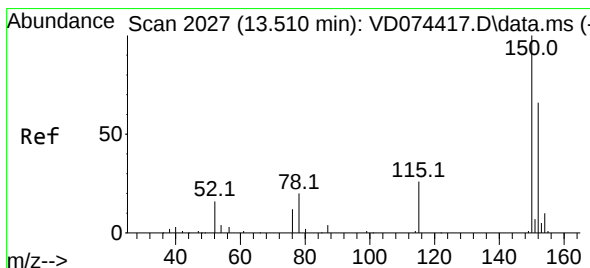
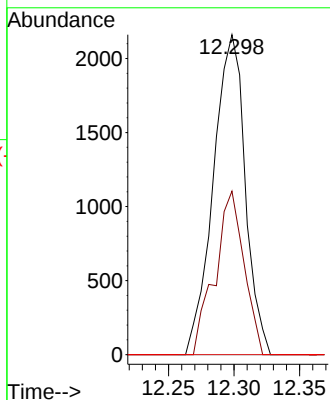
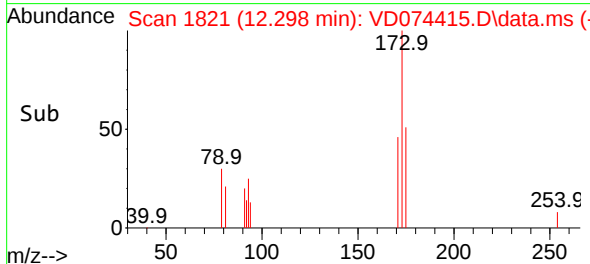
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



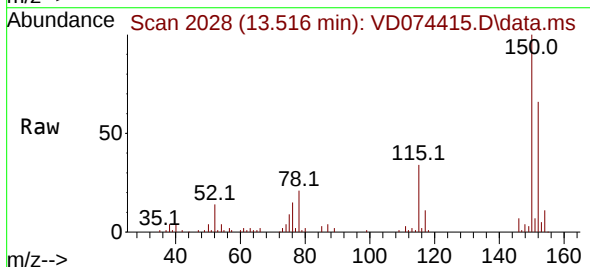
Tgt Ion:173 Resp: 365
Ion Ratio Lower Upper
173 100
175 46.6 23.1 69.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

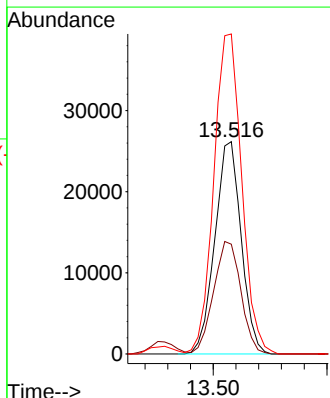
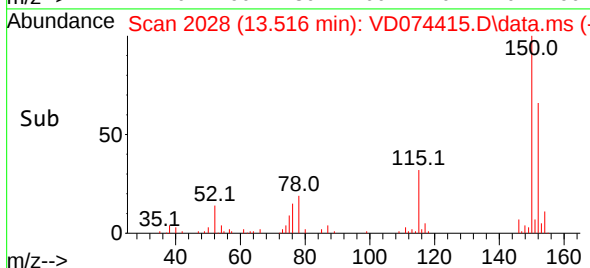
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

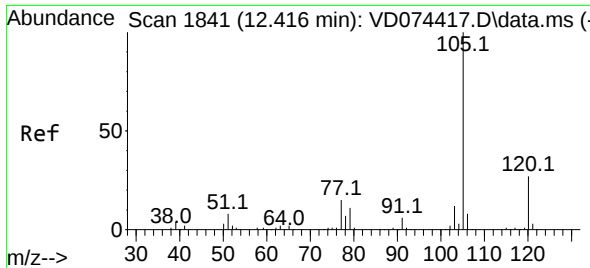


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04



Tgt Ion:152 Resp: 42151
Ion Ratio Lower Upper
152 100
115 54.8 26.8 80.4
150 159.5 0.0 348.2





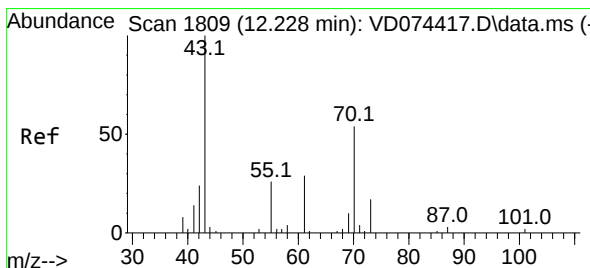
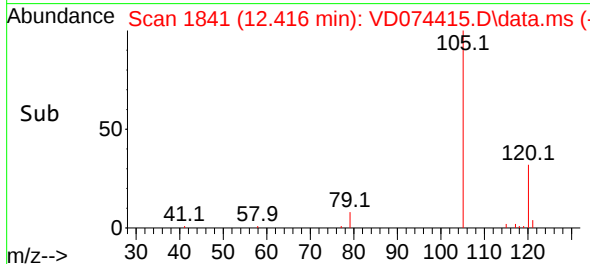
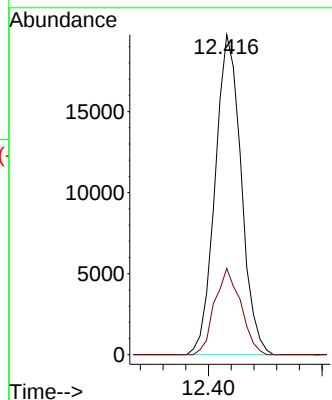
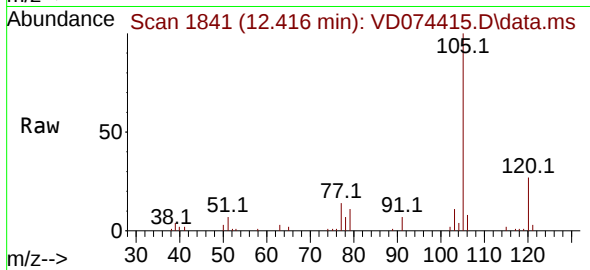
#73
Isopropylbenzene
Concen: 10.087 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 31439
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

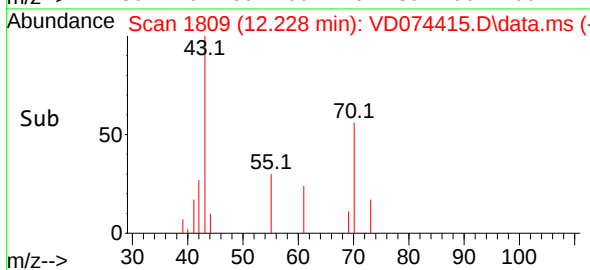
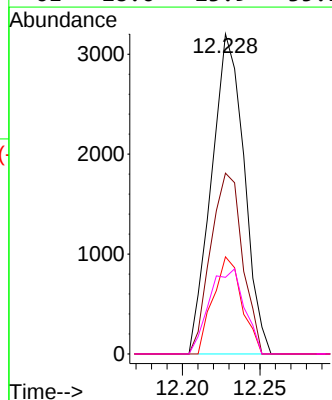
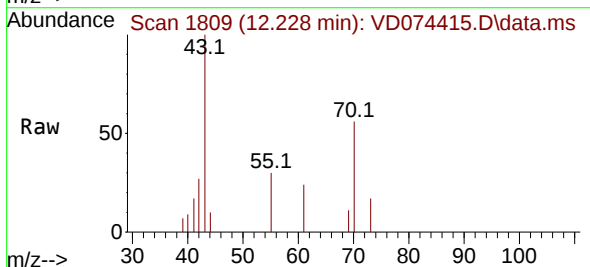
Manual Integrations
APPROVED

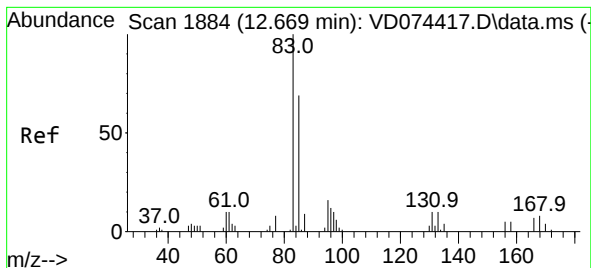
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#74
N-ethyl acetate
Concen: 9.555 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

Tgt Ion: 43 Resp: 4686
Ion Ratio Lower Upper
43 100
70 55.2 43.8 65.6
55 26.7 22.0 33.0
61 28.6 23.9 35.9





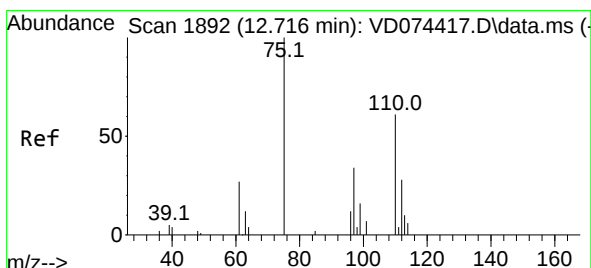
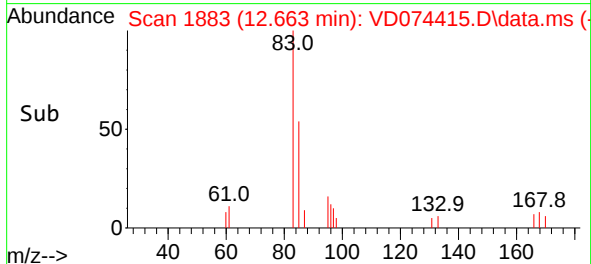
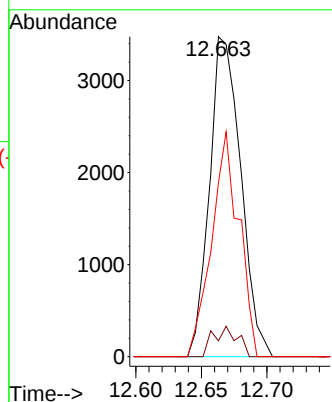
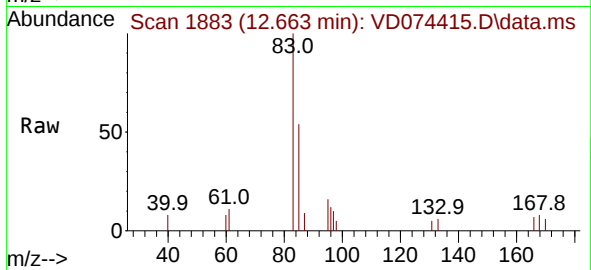
#75
1,1,2,2-Tetrachloroethane
Concen: 10.568 ug/l
RT: 12.663 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 5772
Ion Ratio Lower Upper
83 100
131 7.3 4.7 14.1
85 61.2 33.1 99.2

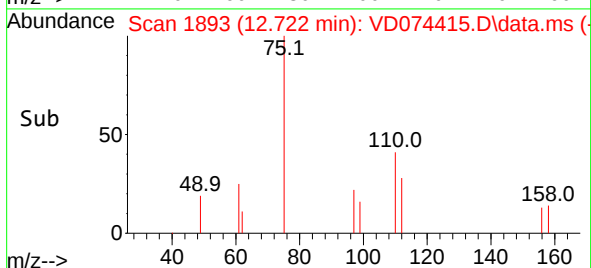
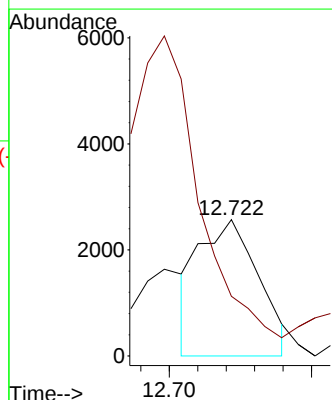
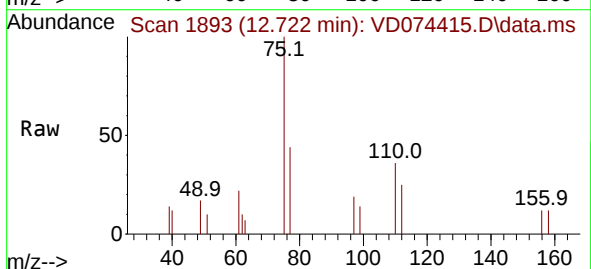
Manual Integrations
APPROVED

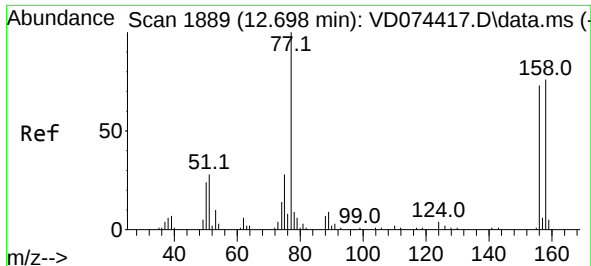
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#76
1,2,3-Trichloropropane
Concen: 11.510 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

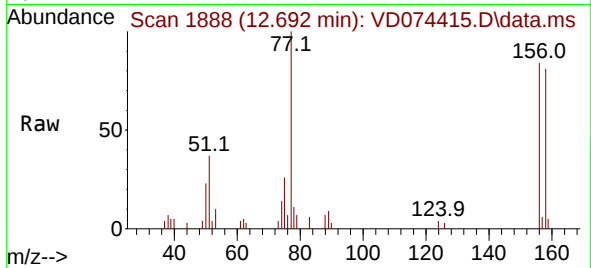
Tgt Ion: 75 Resp: 3745
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#





#77
Bromobenzene
Concen: 10.390 ug/l
RT: 12.692 min Scan# 1888
Delta R.T. -0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

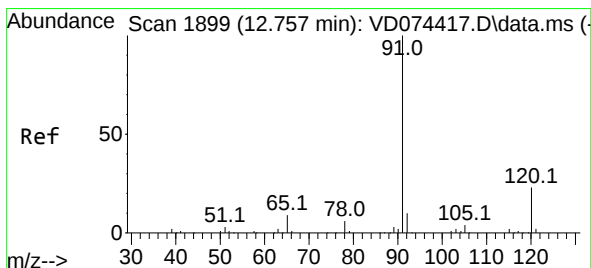
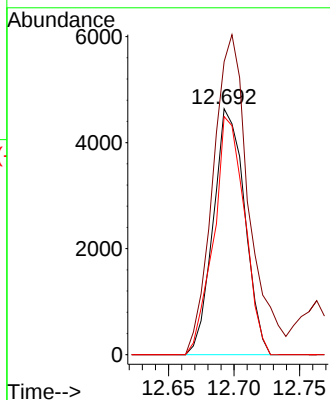
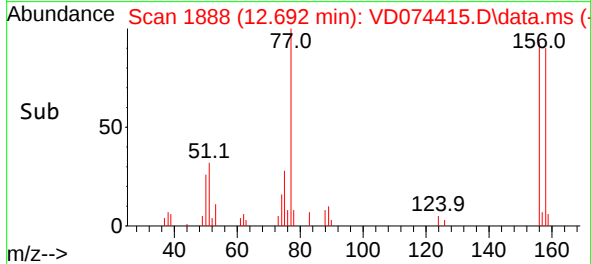
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:156 Resp: 7718
Ion Ratio Lower Upper
156 100
77 149.1 77.7 233.1
158 95.7 49.4 148.2

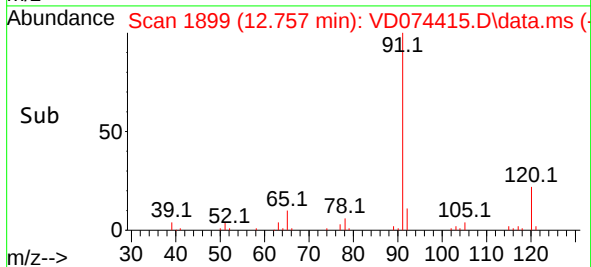
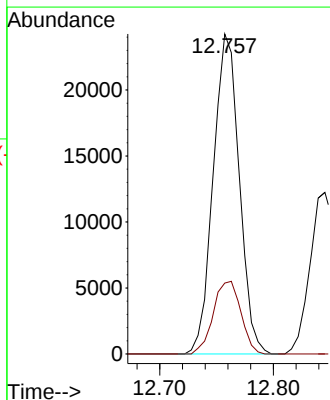
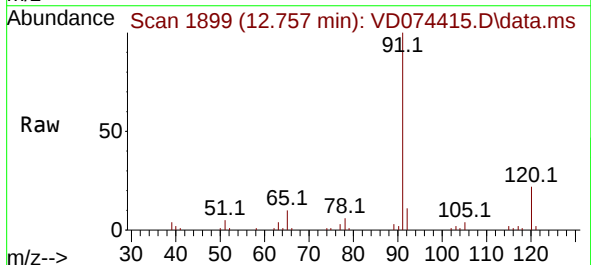
Manual Integrations
APPROVED

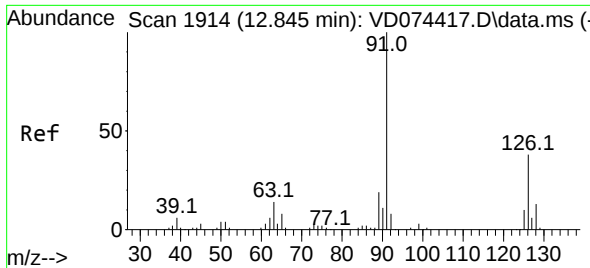
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#78
n-propylbenzene
Concen: 10.298 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

Tgt Ion: 91 Resp: 38640
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.7





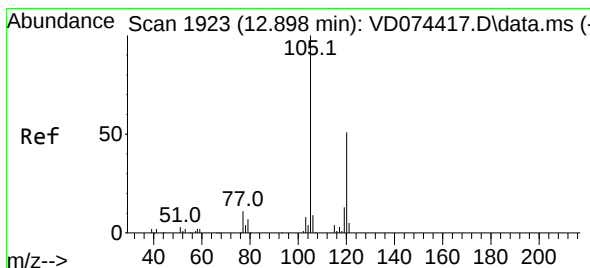
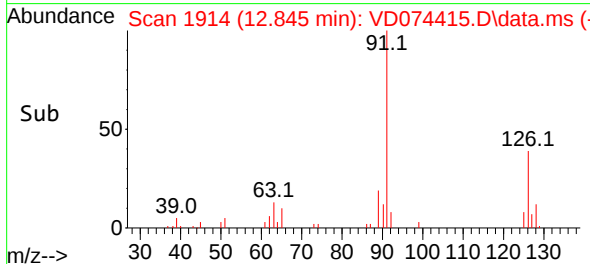
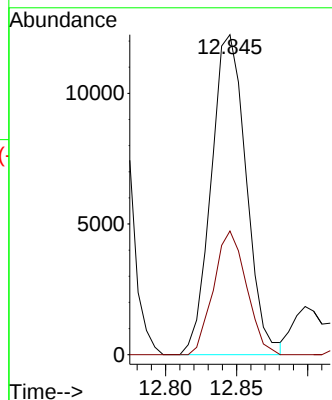
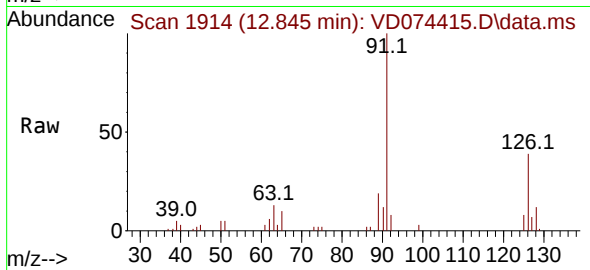
#79
2-Chlorotoluene
Concen: 10.370 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 20974
Ion Ratio Lower Upper
91 100
126 36.3 18.3 54.8

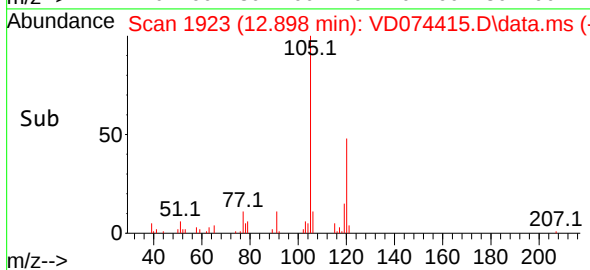
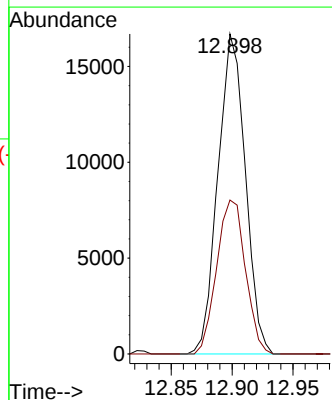
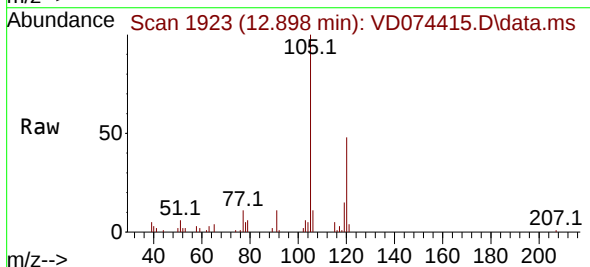
Manual Integrations
APPROVED

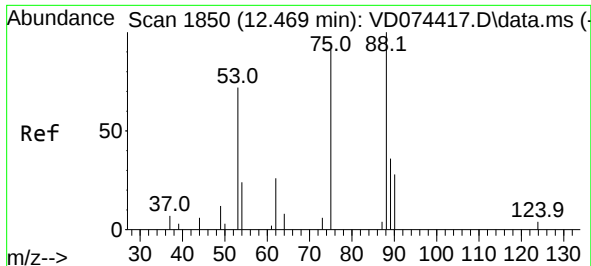
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#80
1,3,5-Trimethylbenzene
Concen: 10.143 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

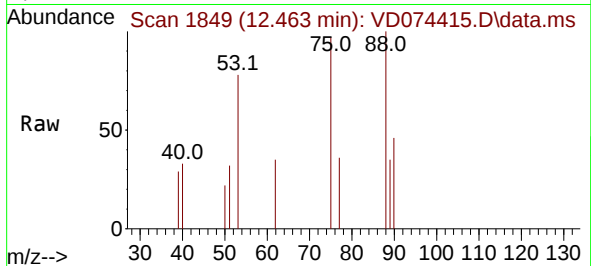
Tgt Ion:105 Resp: 26149
Ion Ratio Lower Upper
105 100
120 50.4 25.7 77.0





#81
trans-1,4-Dichloro-2-butene
Concen: 8.950 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

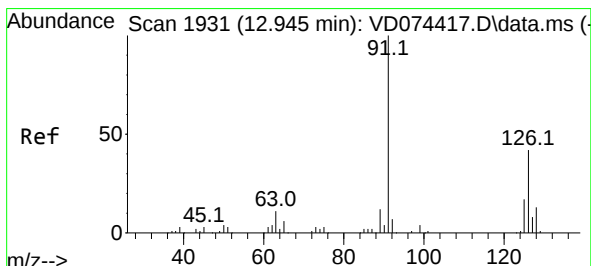
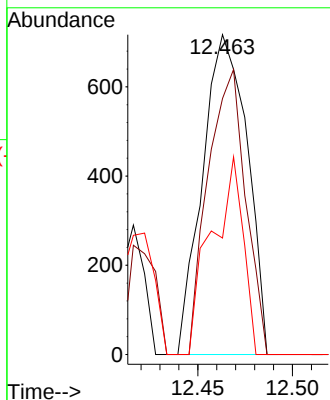
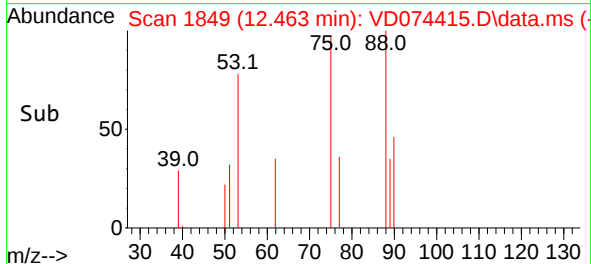
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



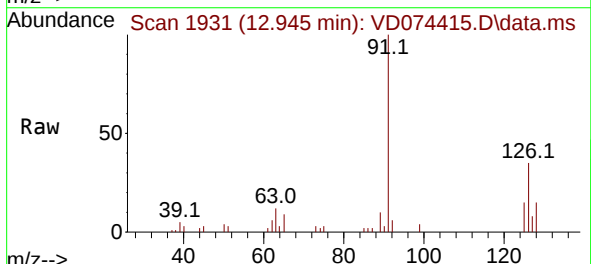
Tgt Ion: 75 Resp: 1170
Ion Ratio Lower Upper
75 100
53 75.1 63.8 95.6
89 43.9 38.2 57.4

Manual Integrations
APPROVED

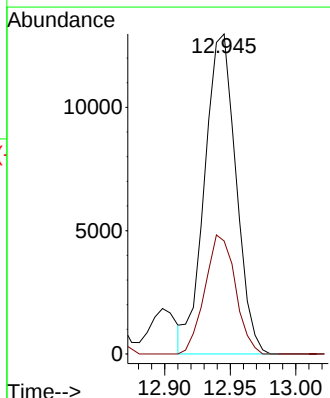
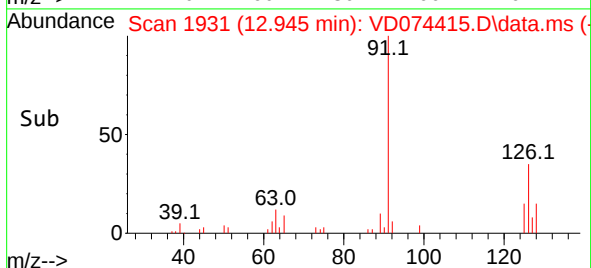
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

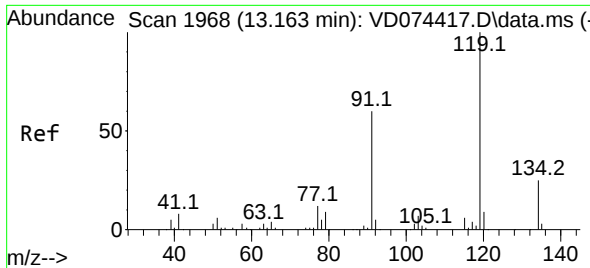


#82
4-Chlorotoluene
Concen: 10.384 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04



Tgt Ion: 91 Resp: 21603
Ion Ratio Lower Upper
91 100
126 36.1 18.8 56.4





#83
tert-Butylbenzene
Concen: 9.954 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

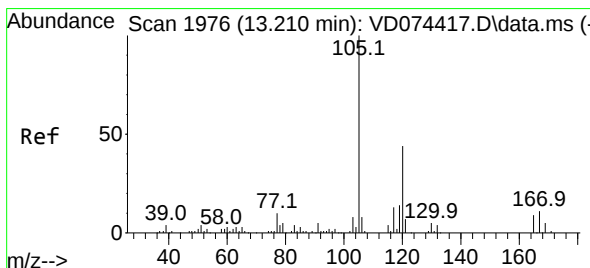
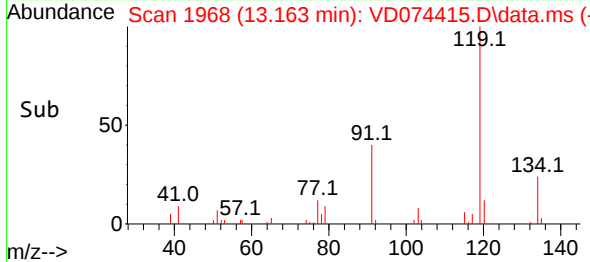
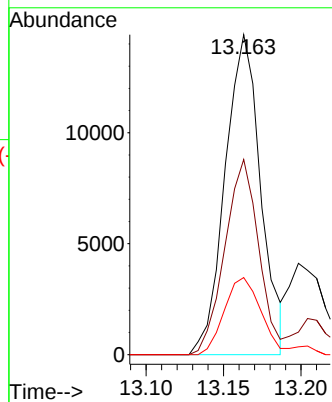
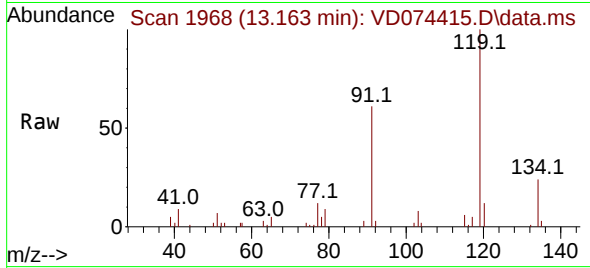
VSTDIC010

Tgt Ion:119 Resp: 23090
Ion Ratio Lower Upper
119 100
91 58.0 30.0 90.0
134 24.9 13.4 40.1

Manual Integrations

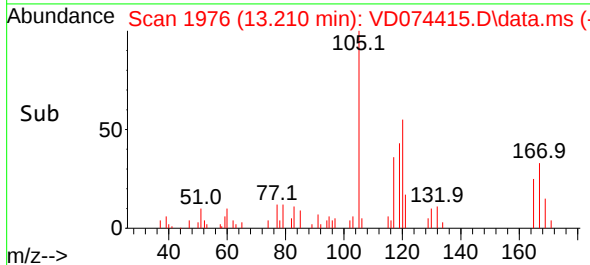
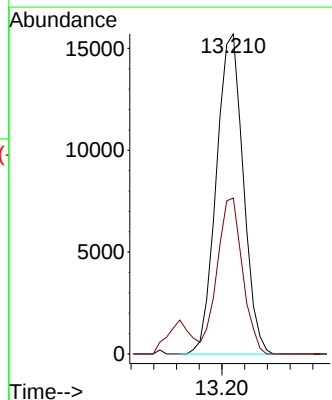
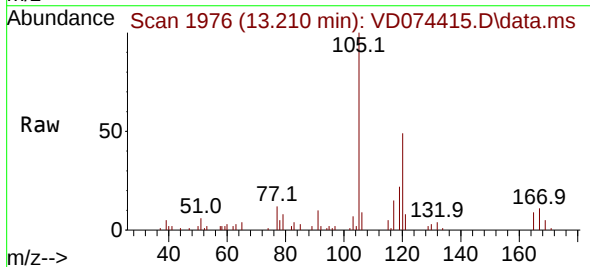
APPROVED

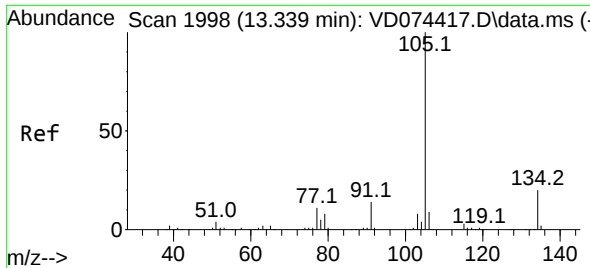
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#84
1,2,4-Trimethylbenzene
Concen: 10.067 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

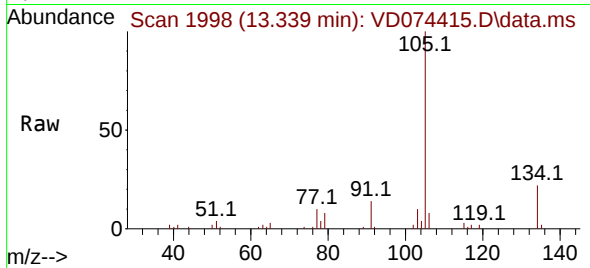
Tgt Ion:105 Resp: 25837
Ion Ratio Lower Upper
105 100
120 45.9 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 10.189 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VD074415.D
 Acq: 26 Sep 2022 12:04

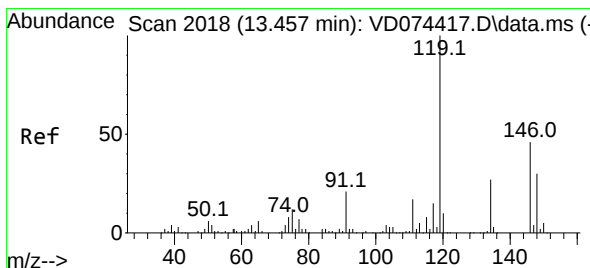
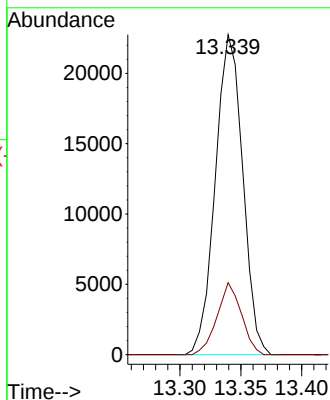
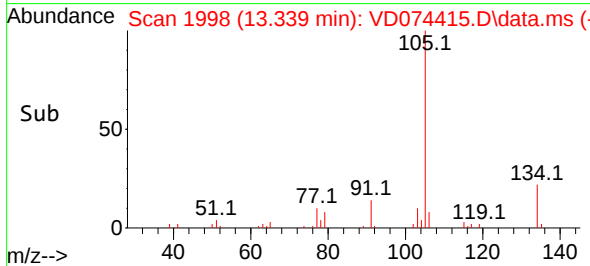
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010



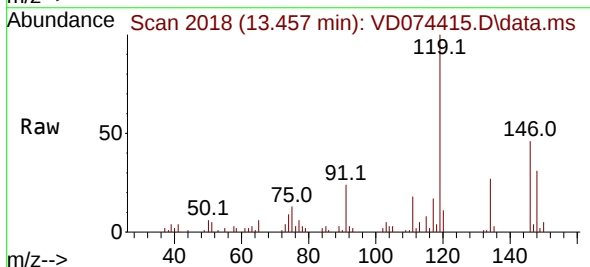
Tgt Ion:105 Resp: 3563
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0

Manual Integrations
 APPROVED

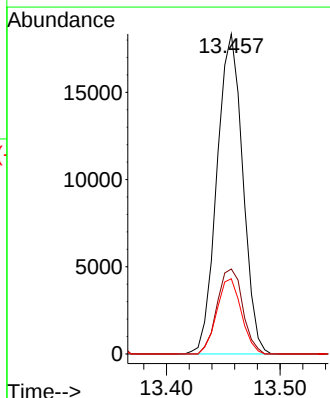
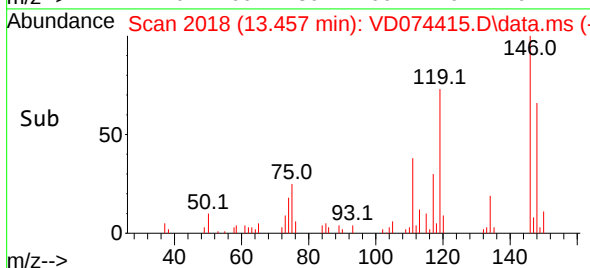
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022

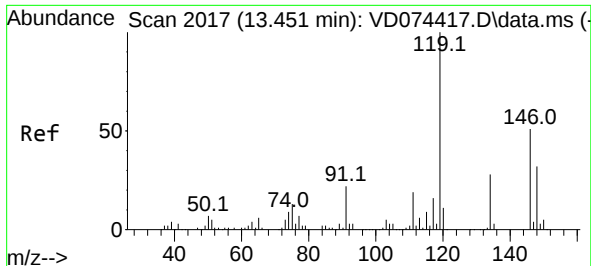


#86
 p-Isopropyltoluene
 Concen: 9.946 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD074415.D
 Acq: 26 Sep 2022 12:04



Tgt Ion:119 Resp: 29009
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.5 40.4
 91 22.3 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 9.956 ug/l

RT: 13.451 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

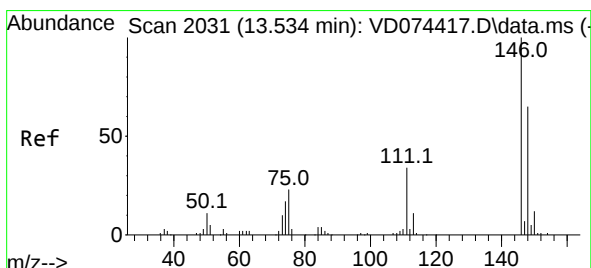
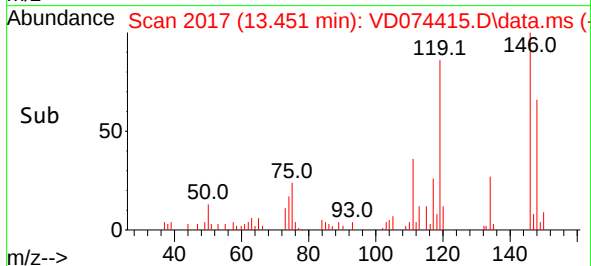
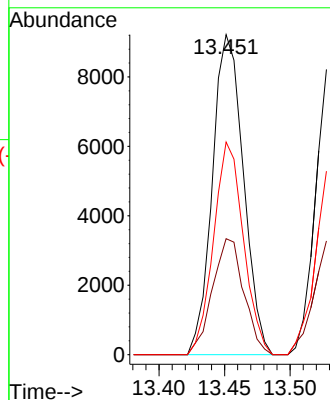
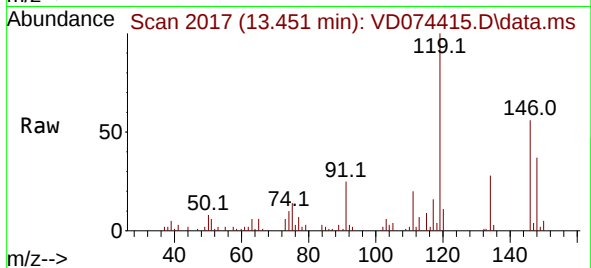
VSTDIC010

Tgt Ion:146 Resp: 15140
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.3 54.8
 148 64.1 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: 10.237 ug/l

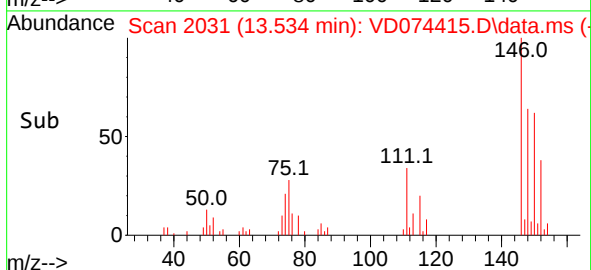
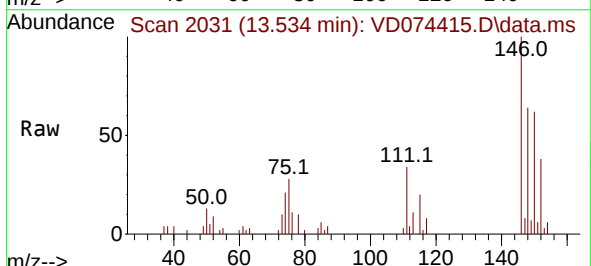
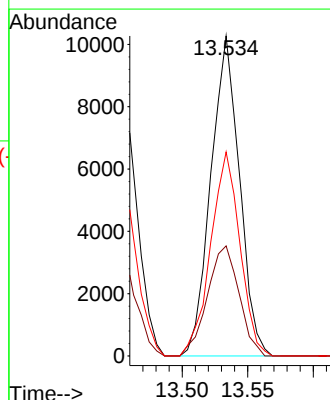
RT: 13.534 min Scan# 2031

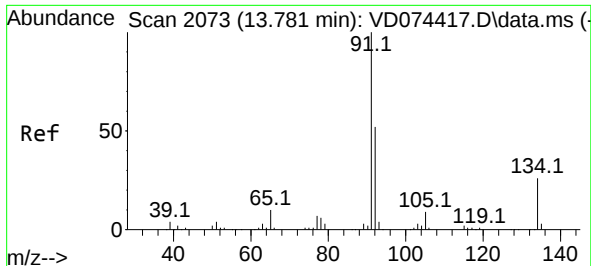
Delta R.T. 0.000 min

Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Tgt Ion:146 Resp: 15586
 Ion Ratio Lower Upper
 146 100
 111 38.1 17.7 53.1
 148 65.2 32.3 96.9





#89

n-Butylbenzene

Concen: 9.812 ug/l

RT: 13.781 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

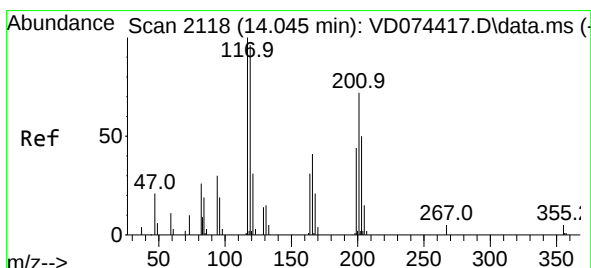
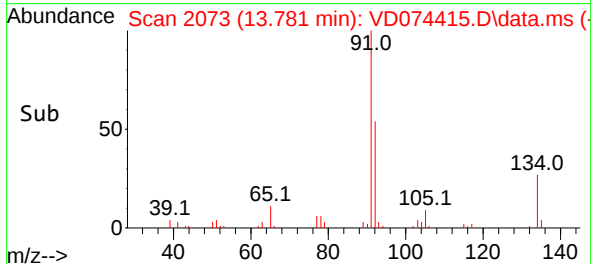
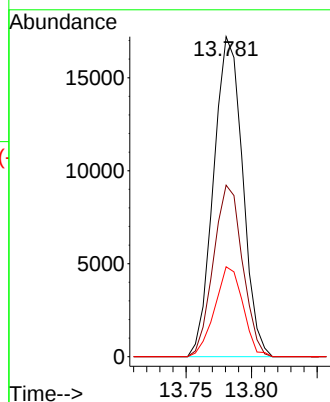
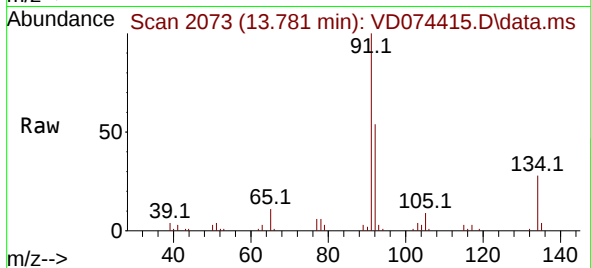
Tgt Ion: 91 Resp: 2648

Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.9	80.7
134	27.4	13.4	40.2

Manual Integrations

APPROVED

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



#90

Hexachloroethane

Concen: 10.122 ug/l

RT: 14.045 min Scan# 2118

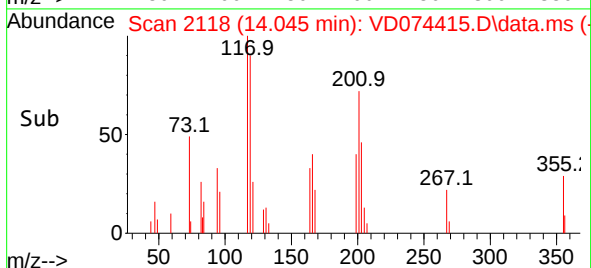
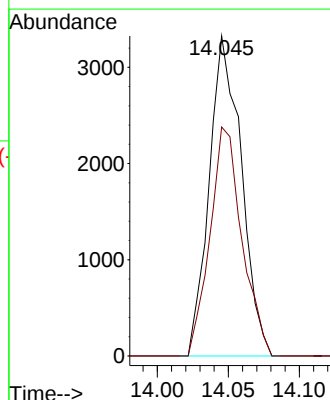
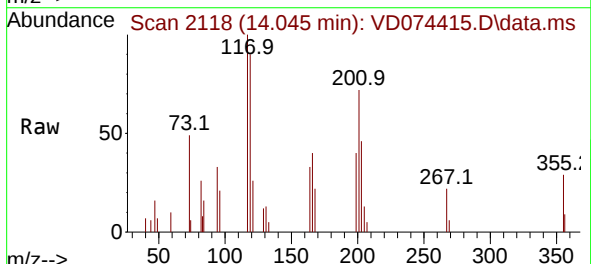
Delta R.T. 0.000 min

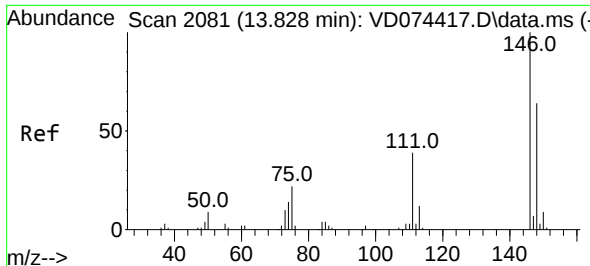
Lab File: VD074415.D

Acq: 26 Sep 2022 12:04

Tgt Ion:117 Resp: 5224

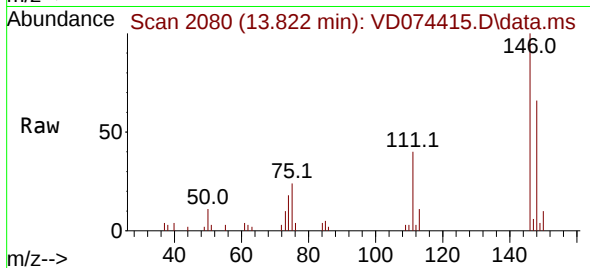
Ion	Ratio	Lower	Upper
117	100		
201	71.3	38.0	114.0





#91
1,2-Dichlorobenzene
Concen: 10.298 ug/l
RT: 13.822 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

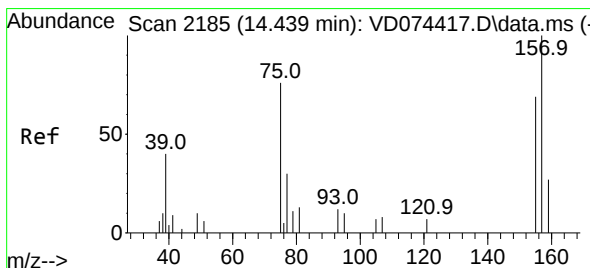
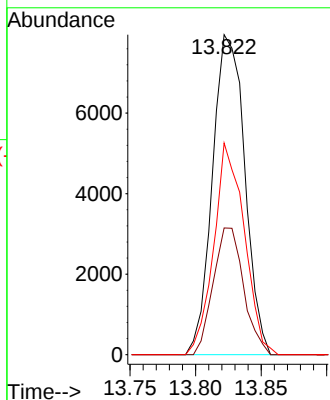
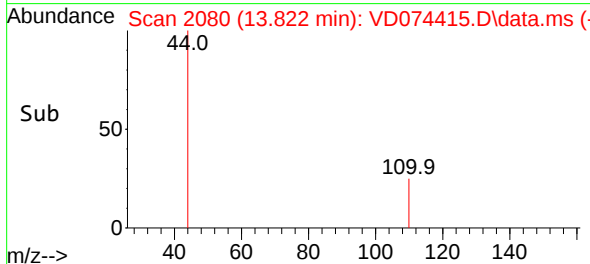
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



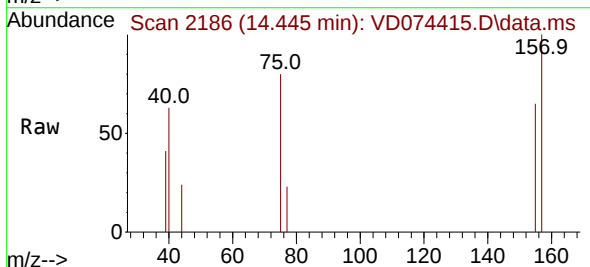
Tgt Ion:146 Resp: 1361
Ion Ratio Lower Upper
146 100
111 37.2 18.9 56.5
148 62.4 31.9 95.5

Manual Integrations
APPROVED

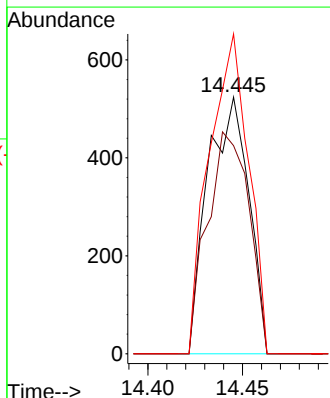
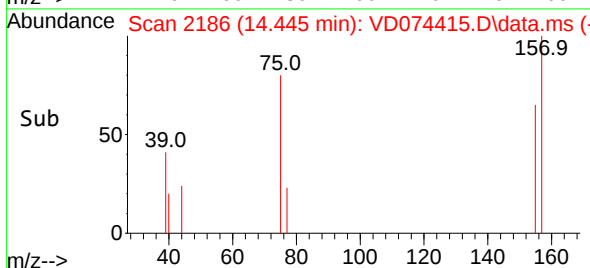
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

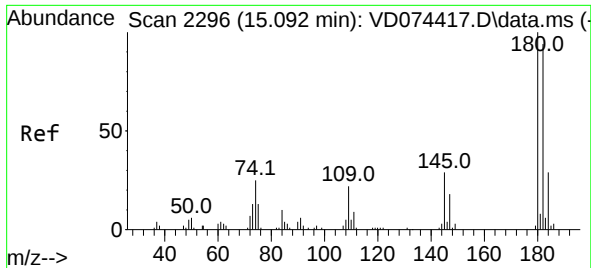


#92
1,2-Dibromo-3-Chloropropane
Concen: 11.509 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04



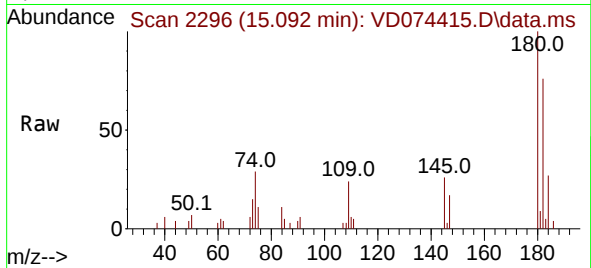
Tgt Ion: 75 Resp: 791
Ion Ratio Lower Upper
75 100
155 87.2 51.2 153.8
157 119.2 68.2 204.5





#93
1,2,4-Trichlorobenzene
Concen: 10.127 ug/l
RT: 15.092 min Scan# 2296
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

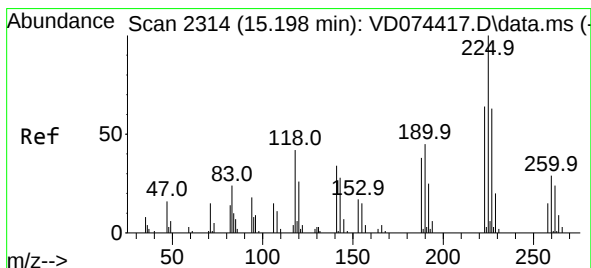
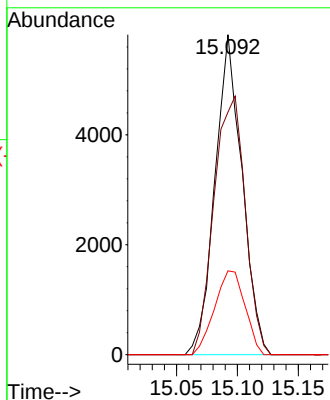
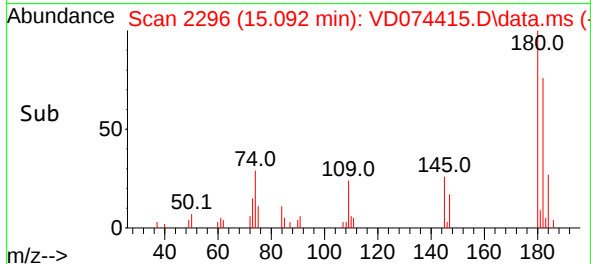
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



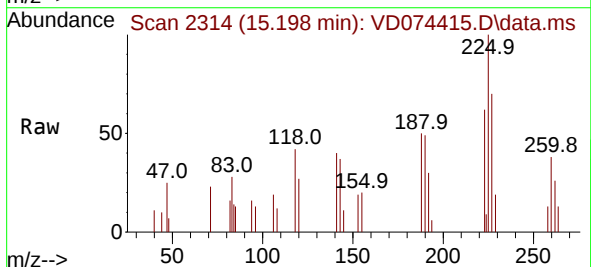
Tgt Ion:180 Resp: 9019
Ion Ratio Lower Upper
180 100
182 92.8 46.9 140.6
145 29.3 14.1 42.3

Manual Integrations
APPROVED

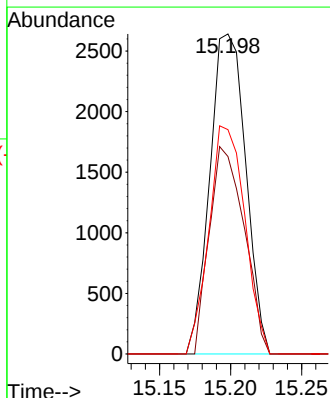
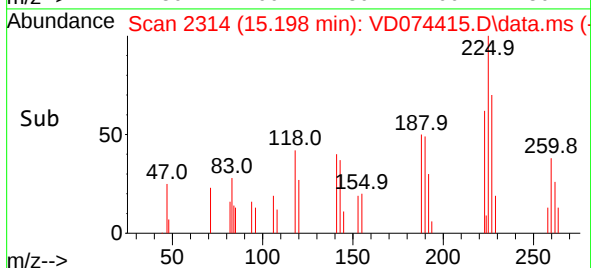
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

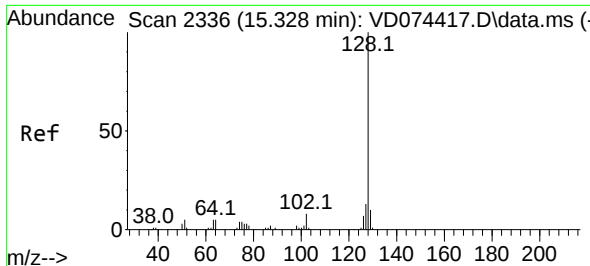


#94
Hexachlorobutadiene
Concen: 9.465 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04



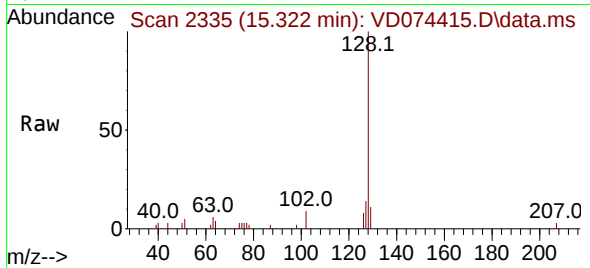
Tgt Ion:225 Resp: 4652
Ion Ratio Lower Upper
225 100
223 63.0 31.9 95.5
227 71.0 32.6 97.8





#95
Naphthalene
Concen: 9.652 ug/l
RT: 15.322 min Scan# 2335
Delta R.T. -0.006 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04

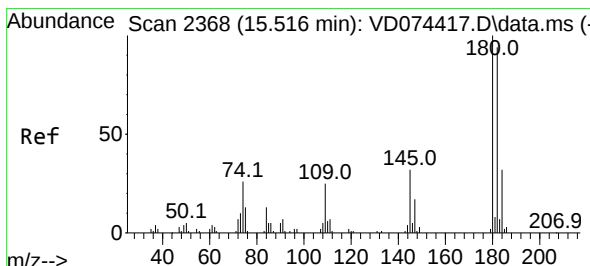
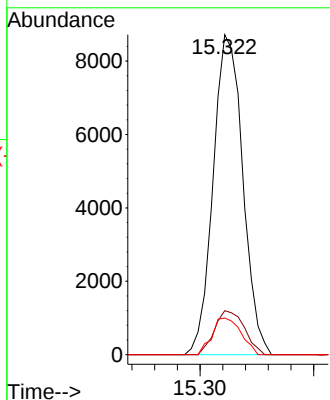
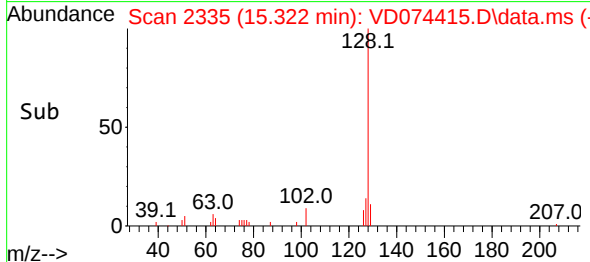
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



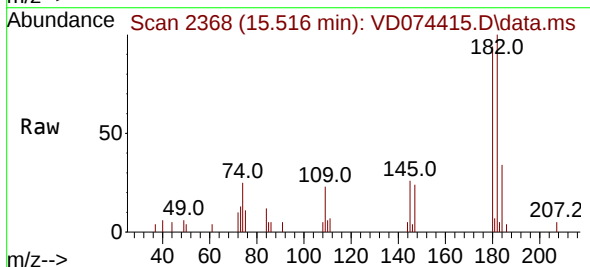
Tgt Ion:128 Resp: 1580
Ion Ratio Lower Upper
128 100
127 13.9 10.6 16.0
129 11.1 8.3 12.5

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 9.876 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD074415.D
Acq: 26 Sep 2022 12:04



Tgt Ion:180 Resp: 7637
Ion Ratio Lower Upper
180 100
182 94.1 46.7 140.1
145 29.2 14.9 44.7

