

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121422\
 Data File : VD075020.D
 Acq On : 14 Dec 2022 13:53
 Operator : KP/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

Quant Time: Dec 15 03:06:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121422S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 15 03:01:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	161668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	283308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	255276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	118710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	28591	24.712	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	49.420%#		
35) Dibromofluoromethane	7.805	113	39804	22.448	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	44.900%#		
50) Toluene-d8	10.269	98	132756	24.423	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	48.840%#		
62) 4-Bromofluorobenzene	12.575	95	39949	22.890	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	45.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	26363	27.709	ug/l	100
3) Chloromethane	2.140	50	48408	26.770	ug/l	96
4) Vinyl Chloride	2.275	62	53387	27.294	ug/l	96
5) Bromomethane	2.675	94	38878	27.383	ug/l	98
6) Chloroethane	2.828	64	37749	26.090	ug/l	98
7) Trichlorofluoromethane	3.169	101	62661	26.308	ug/l	97
8) Diethyl Ether	3.587	74	17063	23.966	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.958	101	38469	24.787	ug/l	98
10) Methyl Iodide	4.158	142	30740	25.396	ug/l	98
11) Tert butyl alcohol	5.058	59	11221	128.121	ug/l #	76
12) 1,1-Dichloroethene	3.940	96	37945	25.524	ug/l	98
13) Acrolein	3.793	56	19374	121.631	ug/l	98
14) Allyl chloride	4.558	41	42885	25.240	ug/l	99
15) Acrylonitrile	5.263	53	35221	117.231	ug/l	97
16) Acetone	4.022	43	32071	106.817	ug/l	99
17) Carbon Disulfide	4.269	76	98373	29.035	ug/l	96
18) Methyl Acetate	4.558	43	19225	23.223	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	72843	23.035	ug/l	91
20) Methylene Chloride	4.799	84	51194	22.097	ug/l	99
21) trans-1,2-Dichloroethene	5.305	96	41221	25.429	ug/l	98
22) Diisopropyl ether	6.216	45	94184	24.227	ug/l	99
23) Vinyl Acetate	6.158	43	204971	125.659	ug/l	98
24) 1,1-Dichloroethane	6.105	63	68046	24.664	ug/l	97
25) 2-Butanone	7.081	43	43257	114.391	ug/l	93
26) 2,2-Dichloropropane	7.081	77	63059	24.321	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	46960	24.507	ug/l	99
28) Bromochloromethane	7.422	49	21776	24.683	ug/l	99
29) Tetrahydrofuran	7.446	42	24168	119.403	ug/l	96
30) Chloroform	7.599	83	72986	24.259	ug/l	99
31) Cyclohexane	7.875	56	47971	23.194	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	64356	25.004	ug/l	100
36) 1,1-Dichloropropene	8.005	75	46620	20.010	ug/l	97
37) Ethyl Acetate	7.175	43	18701	20.511	ug/l	97
38) Carbon Tetrachloride	7.993	117	41805	19.180	ug/l	100
39) Methylcyclohexane	9.275	83	53390	22.509	ug/l	98
40) Benzene	8.252	78	134469	19.216	ug/l	96

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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	10700m	22.638	ug/l	
42) 1,2-Dichloroethane	8.322	62	32059	19.093	ug/l	99
43) Isopropyl Acetate	8.357	43	28327	18.522	ug/l	99
44) Trichloroethene	9.028	130	37862	20.675	ug/l	90
45) 1,2-Dichloropropane	9.304	63	33177	20.912	ug/l	93
46) Dibromomethane	9.399	93	17695	20.530	ug/l	98
47) Bromodichloromethane	9.581	83	43775	20.007	ug/l #	98
48) Methyl methacrylate	9.381	41	13820	20.584	ug/l	97
49) 1,4-Dioxane	9.387	88	3644	377.709	ug/l	90
51) 4-Methyl-2-Pentanone	10.163	43	75551	98.833	ug/l	99
52) Toluene	10.334	92	89406	21.624	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	41345	20.503	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	50184	20.513	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	25239	20.054	ug/l	93
56) Ethyl methacrylate	10.598	69	27402	19.832	ug/l	98
57) 1,3-Dichloropropane	10.881	76	41228	20.221	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	54420	96.925	ug/l	98
59) 2-Hexanone	10.922	43	54636	98.140	ug/l	99
60) Dibromochloromethane	11.075	129	29624	20.151	ug/l	99
61) 1,2-Dibromoethane	11.181	107	23152	20.378	ug/l	96
64) Tetrachloroethene	10.810	164	31552	21.259	ug/l	96
65) Chlorobenzene	11.610	112	94936	20.253	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	32036	19.442	ug/l	98
67) Ethyl Benzene	11.687	91	164679	20.334	ug/l	99
68) m/p-Xylenes	11.793	106	132734	41.767	ug/l	100
69) o-Xylene	12.122	106	61711	20.499	ug/l	96
70) Styrene	12.134	104	105713	20.432	ug/l	99
71) Bromoform	12.304	173	17070	20.155	ug/l #	97
73) Isopropylbenzene	12.422	105	162520	20.701	ug/l	99
74) N-amyl acetate	12.234	43	27232	19.849	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	28849	20.443	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	19587m	19.004	ug/l	
77) Bromobenzene	12.704	156	36245	20.292	ug/l	98
78) n-propylbenzene	12.763	91	202468	21.065	ug/l	99
79) 2-Chlorotoluene	12.851	91	108020	20.629	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	138111	21.282	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	7705	18.995	ug/l	97
82) 4-Chlorotoluene	12.951	91	113427	20.891	ug/l	100
83) tert-Butylbenzene	13.169	119	113142	20.247	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	132968	20.664	ug/l	100
85) sec-Butylbenzene	13.345	105	180064	20.702	ug/l	99
86) p-Isopropyltoluene	13.463	119	150250	20.731	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	75915	20.109	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	76769	20.604	ug/l	99
89) n-Butylbenzene	13.792	91	138725	20.475	ug/l	99
90) Hexachloroethane	14.057	117	26497	20.576	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	63352	19.660	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3650	19.527	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	40011	20.146	ug/l	98
94) Hexachlorobutadiene	15.204	225	21225	20.753	ug/l	99
95) Naphthalene	15.334	128	71763	19.104	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	34442	20.446	ug/l	98

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Dec 15 03:01:37 2022
Response via : Initial Calibration

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

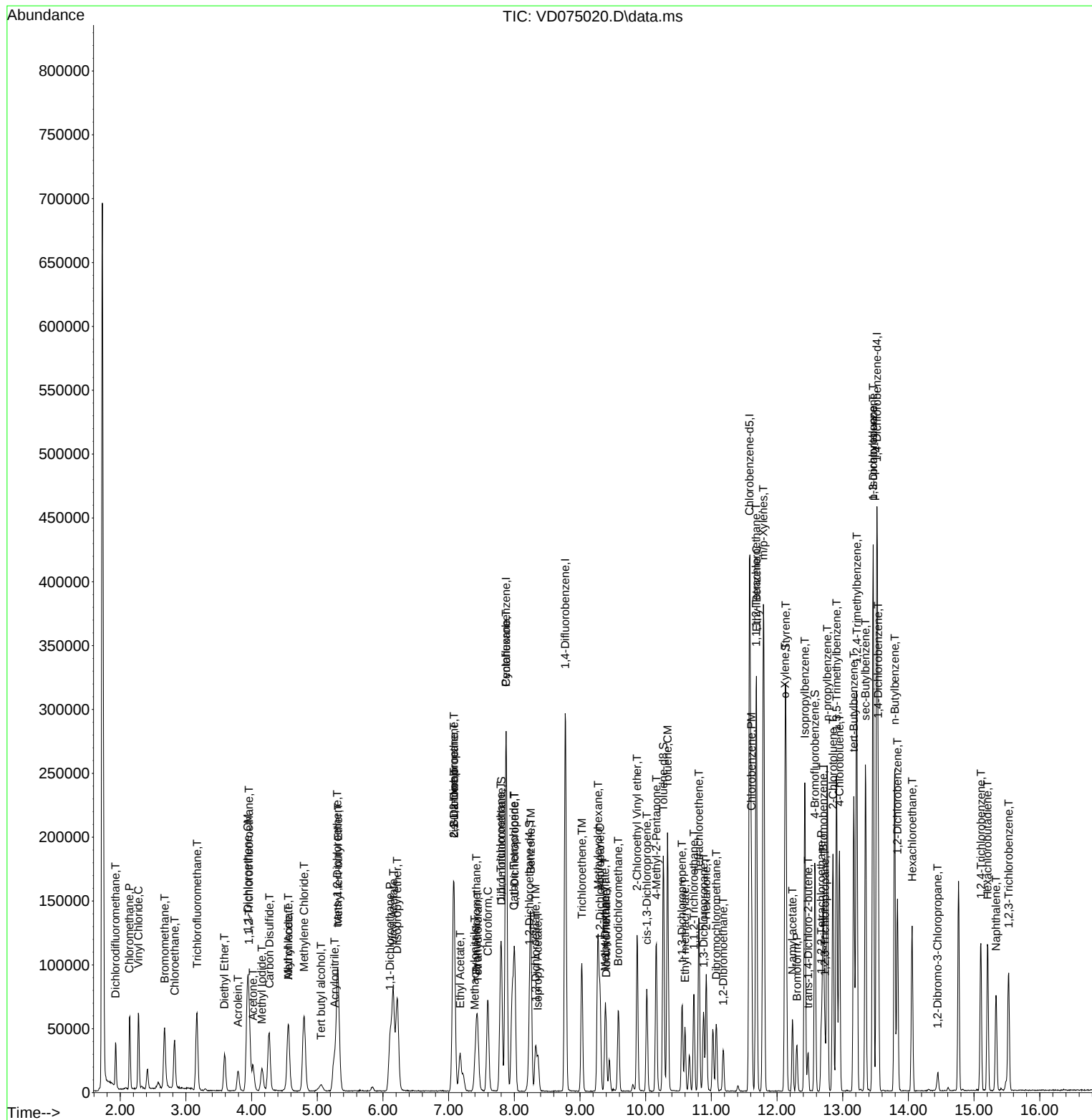
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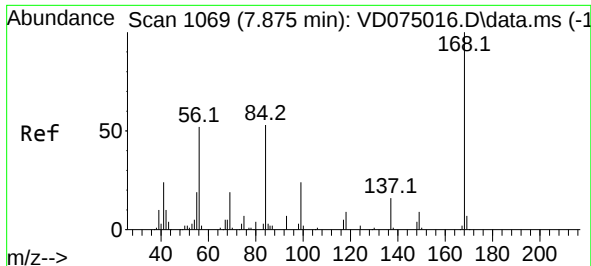
Instrument :
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Manual Integrations APPROVED

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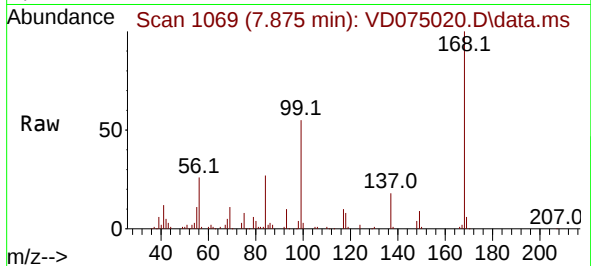
Quant Time: Dec 15 03:06:10 2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

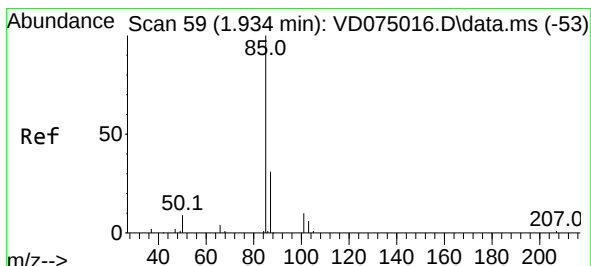
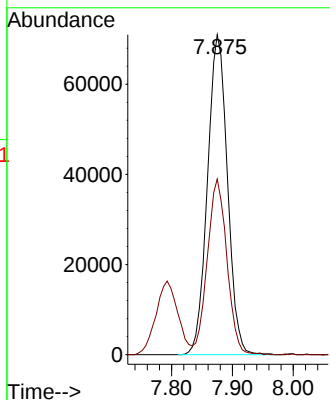
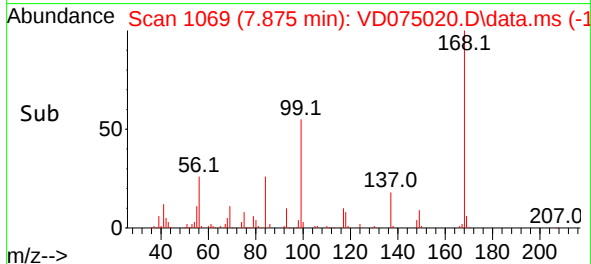
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 161668
Ion Ratio Lower Upper
168 100
99 54.9 41.0 61.4

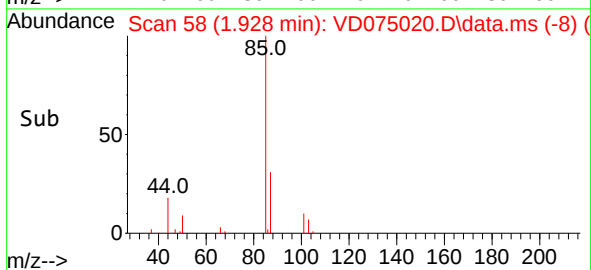
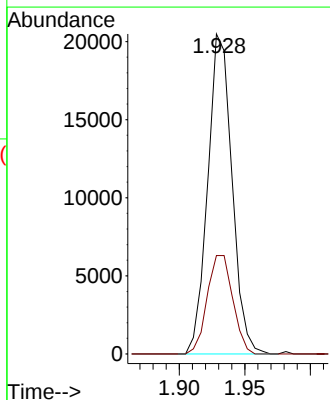
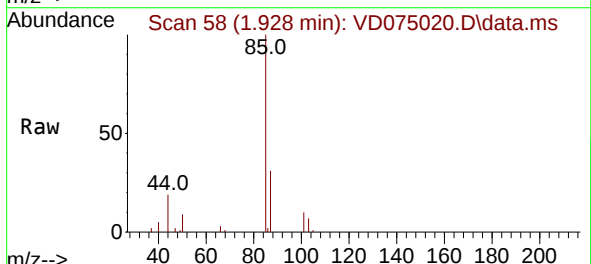
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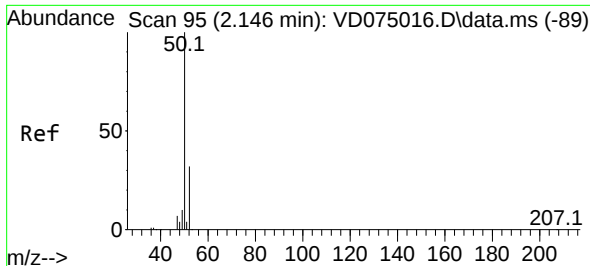
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#2
Dichlorodifluoromethane
Concen: 27.709 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

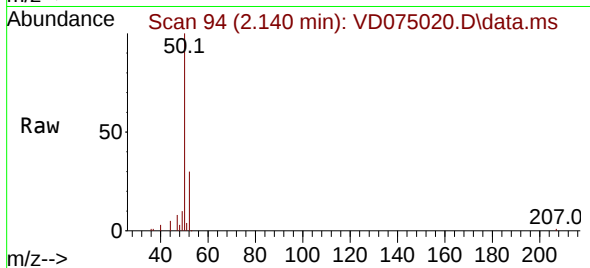
Tgt Ion: 85 Resp: 26363
Ion Ratio Lower Upper
85 100
87 30.8 15.4 46.1





#3
Chloromethane
Concen: 26.770 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

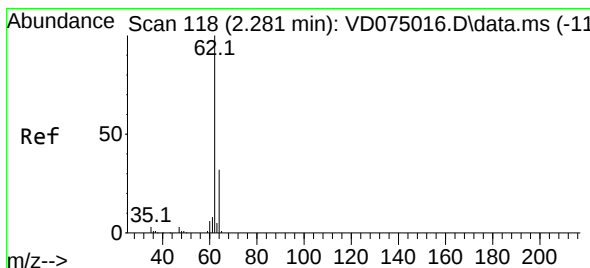
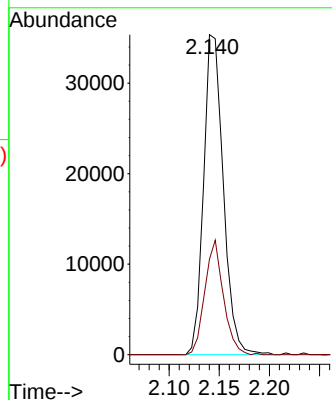
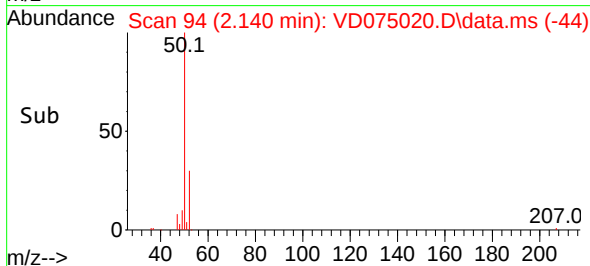
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 48408
Ion Ratio Lower Upper
50 100
52 29.9 25.8 38.8

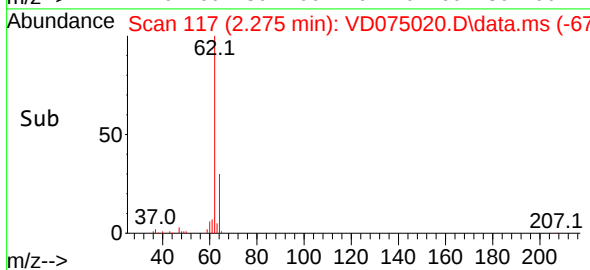
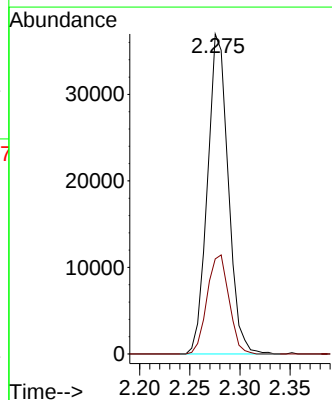
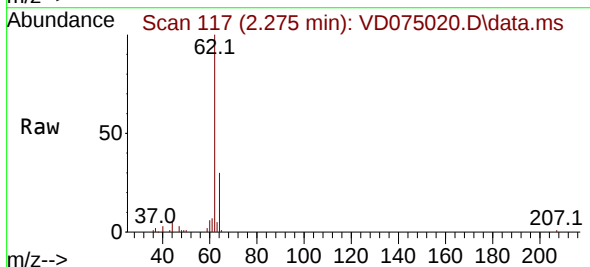
Manual Integrations
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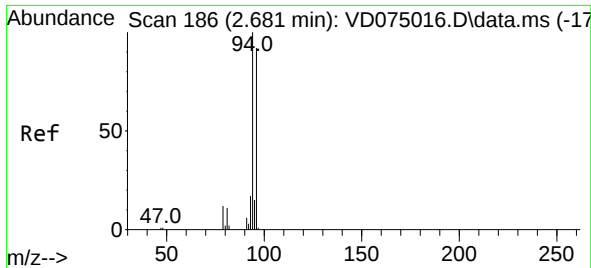
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#4
Vinyl Chloride
Concen: 27.294 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

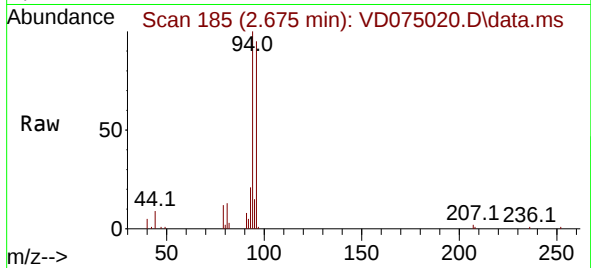
Tgt Ion: 62 Resp: 53387
Ion Ratio Lower Upper
62 100
64 29.7 25.7 38.5





#5
Bromomethane
Concen: 27.383 ug/l
RT: 2.675 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

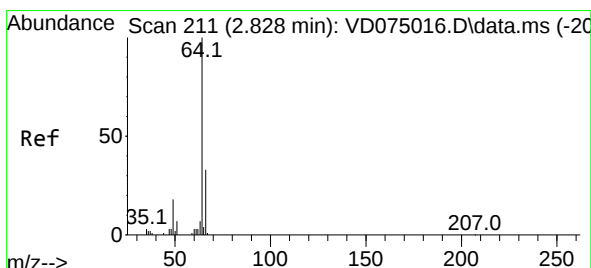
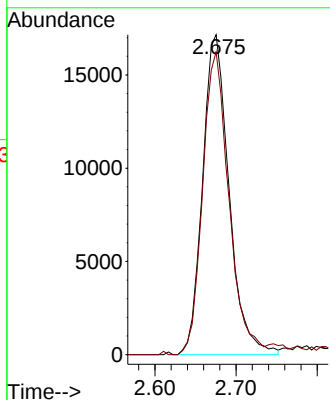
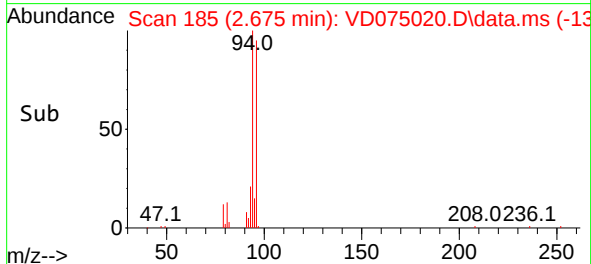
Instrument :
MSVOA_D
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VSTDICC020



Tgt Ion: 94 Resp: 38878
Ion Ratio Lower Upper
94 100
96 93.6 76.2 114.2

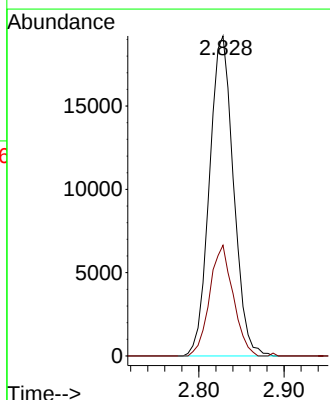
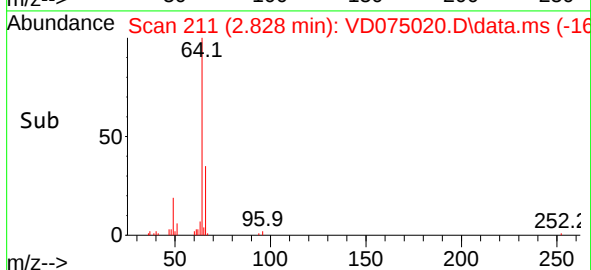
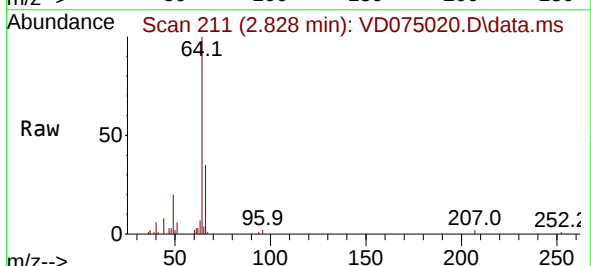
Manual Integrations
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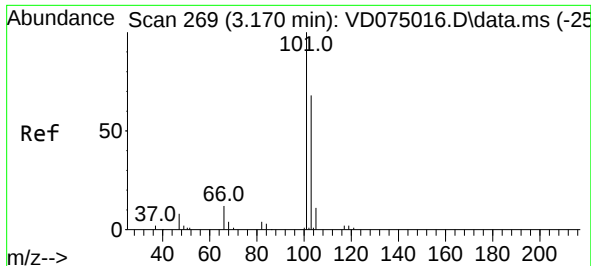
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#6
Chloroethane
Concen: 26.090 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Tgt Ion: 64 Resp: 37749
Ion Ratio Lower Upper
64 100
66 34.6 26.6 40.0





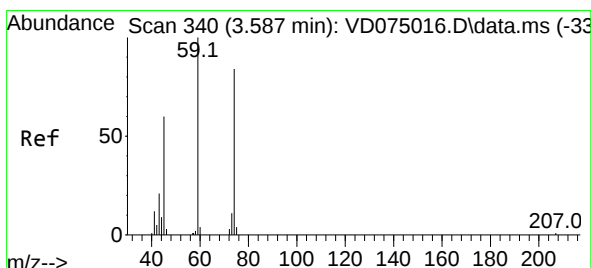
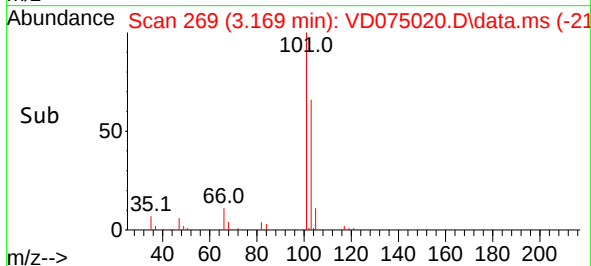
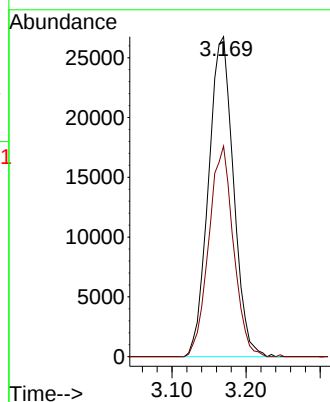
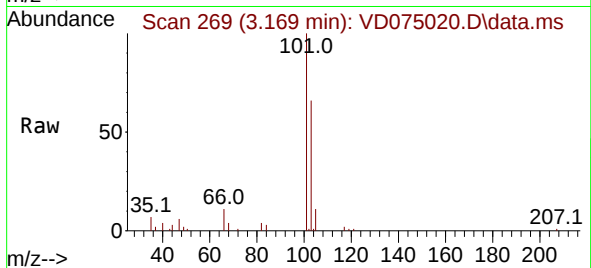
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Trichlorofluoromethane
Concen: 26.308 ug/l
RT: 3.169 min Scan# 207
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 6266
Ion Ratio Lower Upper
101 100
103 65.8 54.5 81.7

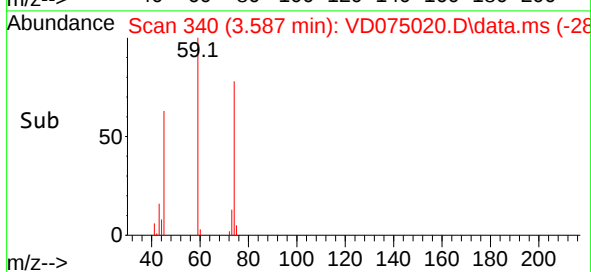
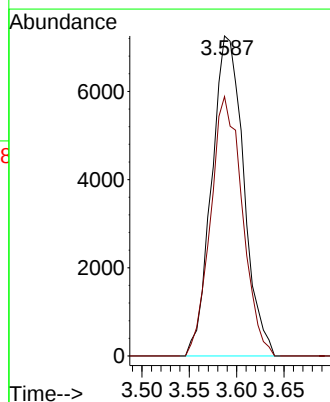
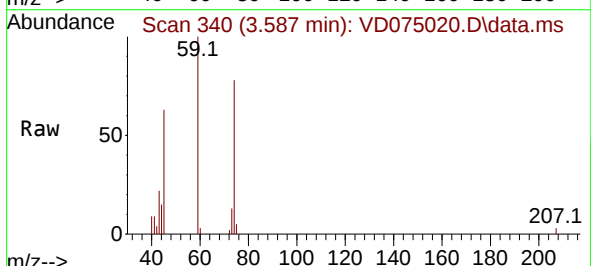
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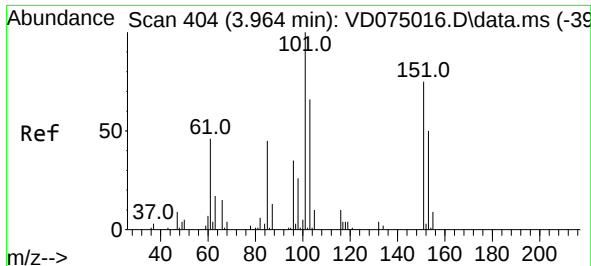
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#8
Diethyl Ether
Concen: 23.966 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Tgt Ion: 74 Resp: 17063
Ion Ratio Lower Upper
74 100
45 80.3 39.8 119.4





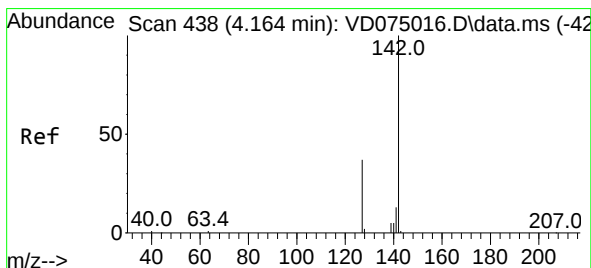
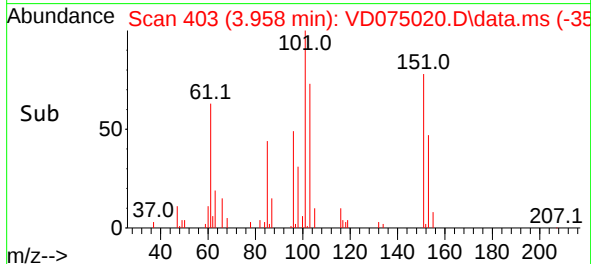
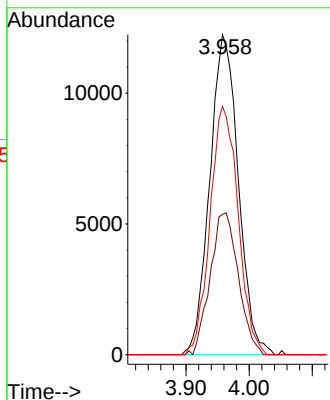
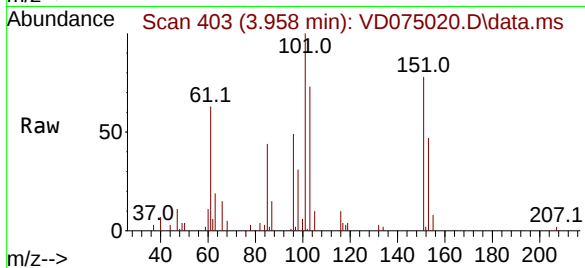
#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.787 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 38469
Ion Ratio Lower Upper
101 100
85 43.8 33.6 50.4
151 76.2 59.4 89.2

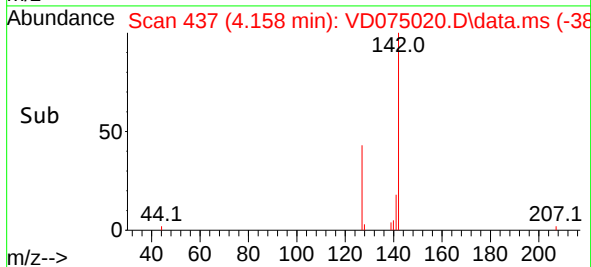
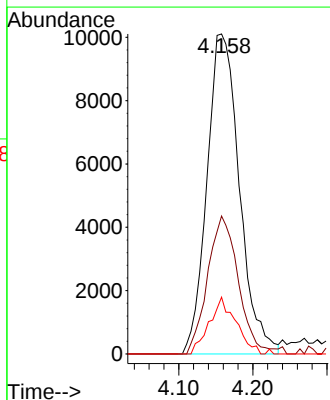
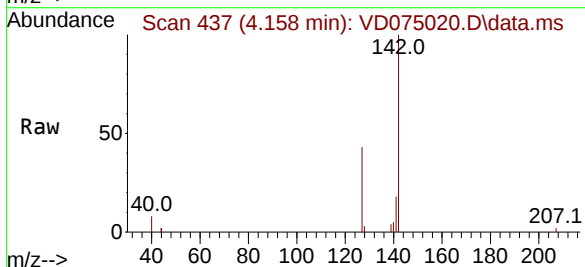
Manual Integrations
APPROVED

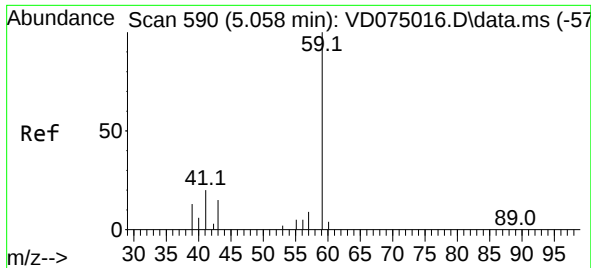
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#10
Methyl Iodide
Concen: 25.396 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Tgt Ion:142 Resp: 30740
Ion Ratio Lower Upper
142 100
127 41.1 32.2 48.2
141 14.5 10.9 16.3





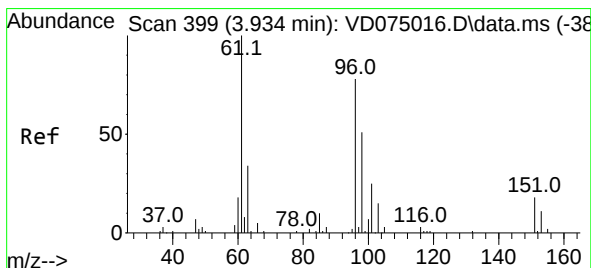
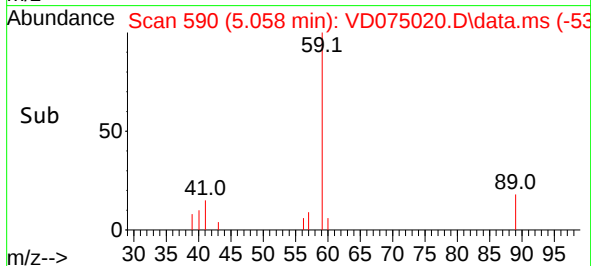
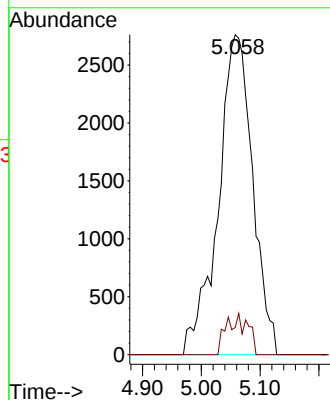
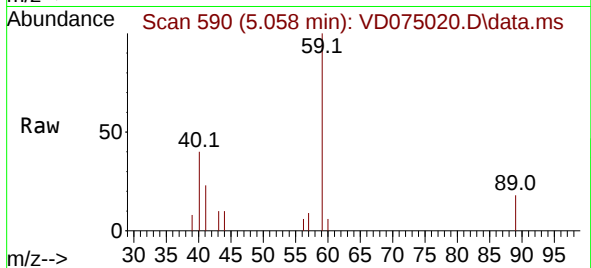
#11
Tert butyl alcohol
Concen: 128.121 ug/l
RT: 5.058 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 1122
Ion Ratio Lower Upper
59 100
57 0.0 7.0 10.6

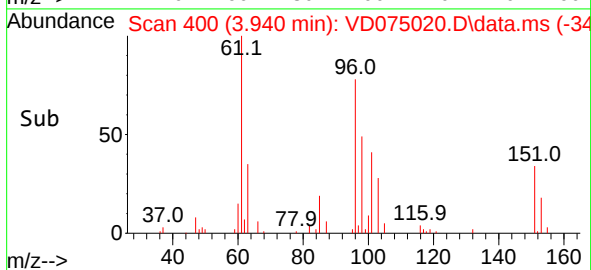
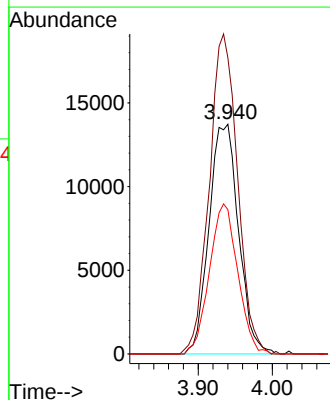
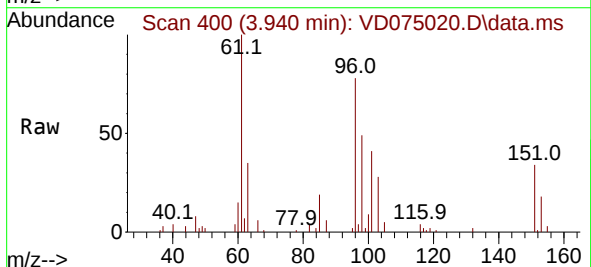
Manual Integrations
APPROVED

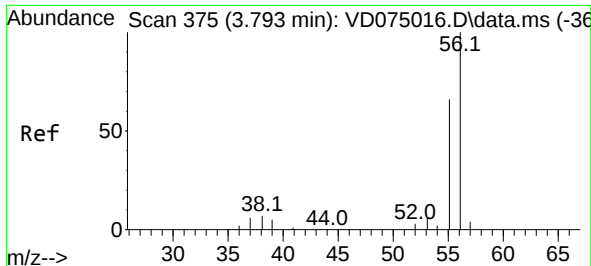
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#12
1,1-Dichloroethene
Concen: 25.524 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

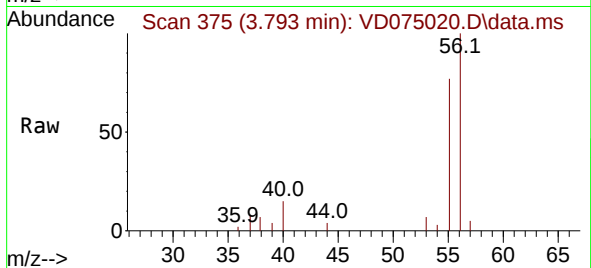
Tgt Ion: 96 Resp: 37945
Ion Ratio Lower Upper
96 100
61 128.9 102.1 153.1
98 62.8 52.2 78.4





#13
Acrolein
Concen: 121.631 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

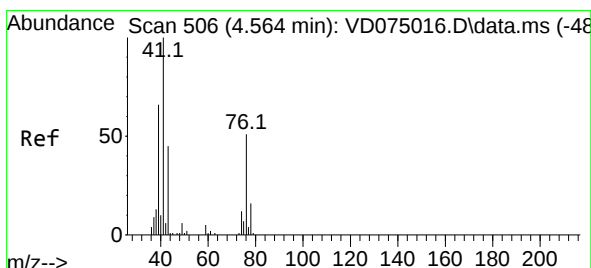
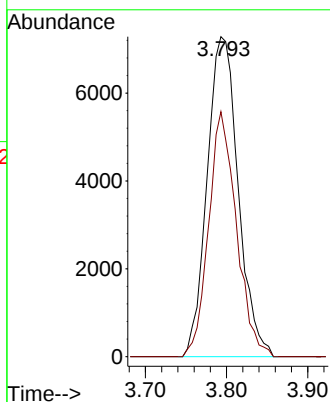
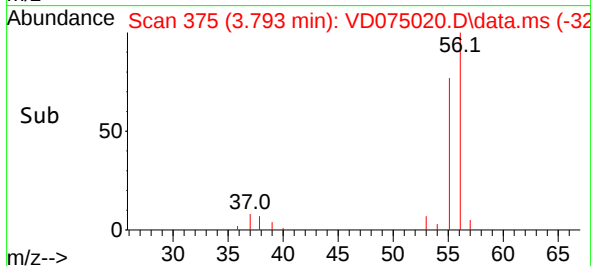
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 19374
Ion Ratio Lower Upper
56 100
55 68.5 55.9 83.9

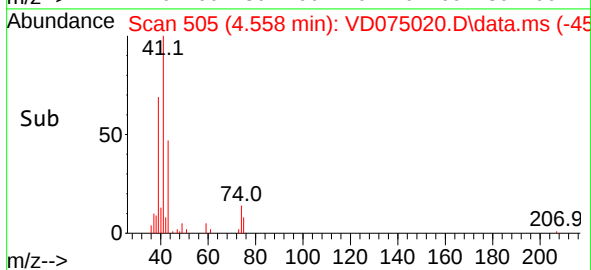
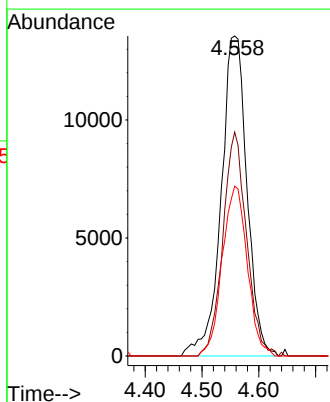
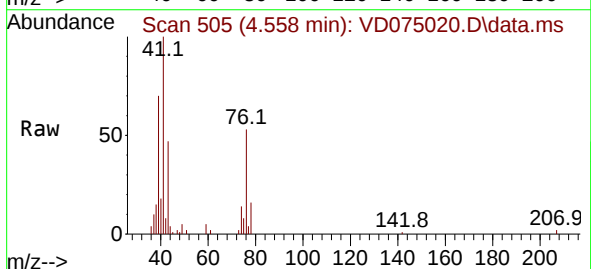
Manual Integrations
APPROVED

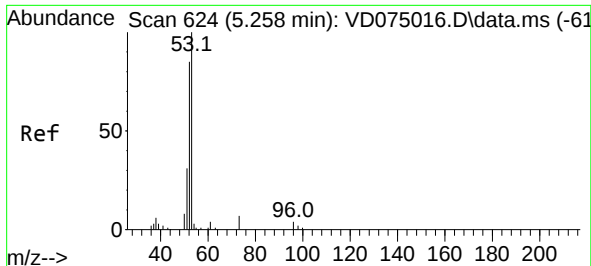
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#14
Allyl chloride
Concen: 25.240 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

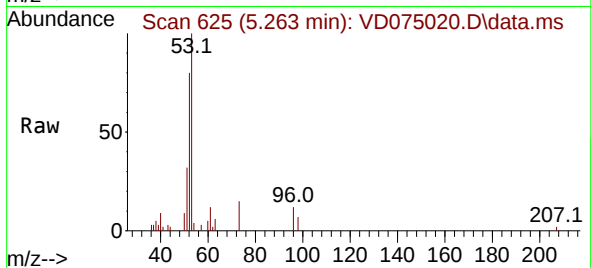
Tgt Ion: 41 Resp: 42885
Ion Ratio Lower Upper
41 100
39 64.1 51.7 77.5
76 51.4 40.7 61.1





#15
Acrylonitrile
Concen: 117.231 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

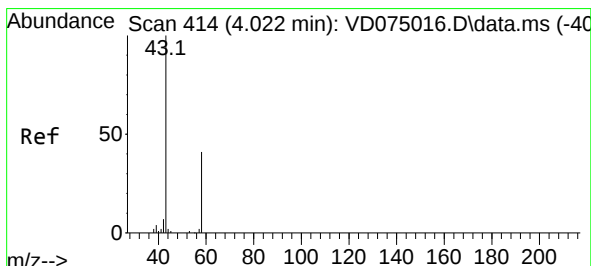
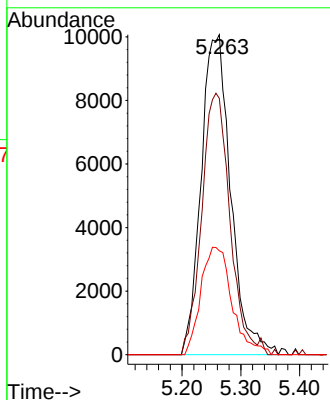
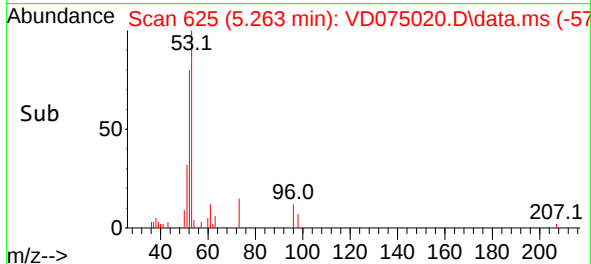
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 3522
Ion Ratio Lower Upper
53 100
52 78.2 66.1 99.1
51 35.4 28.4 42.6

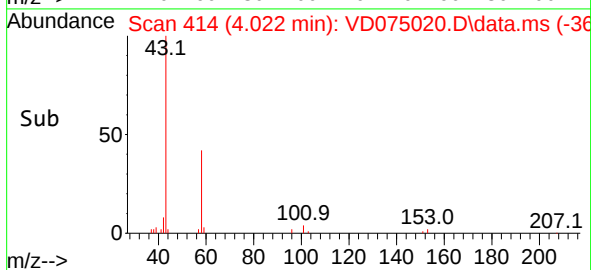
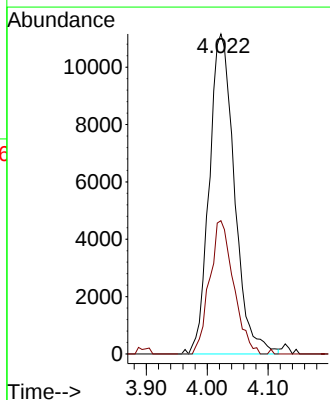
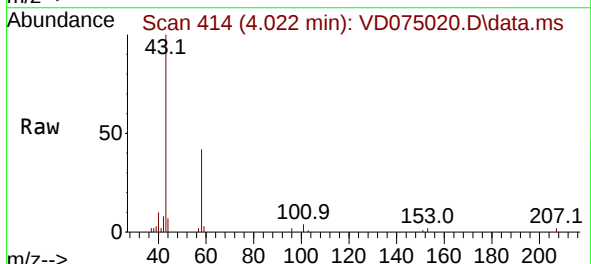
Manual Integrations
APPROVED

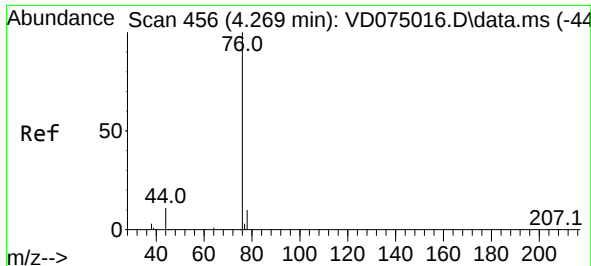
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#16
Acetone
Concen: 106.817 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

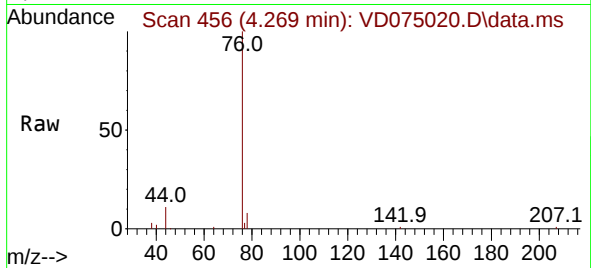
Tgt Ion: 43 Resp: 32071
Ion Ratio Lower Upper
43 100
58 41.7 33.0 49.6





#17
Carbon Disulfide
Concen: 29.035 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

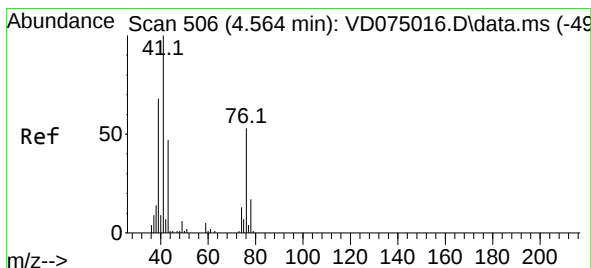
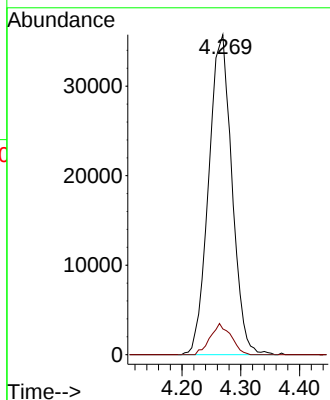
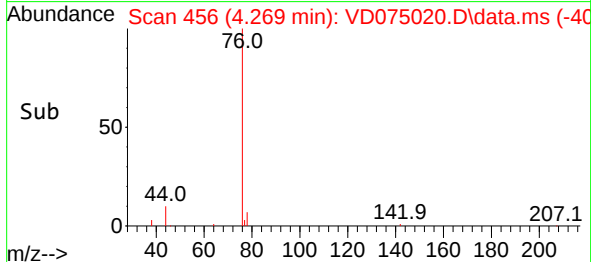
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



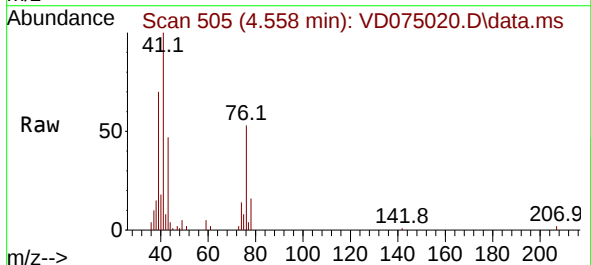
Tgt Ion: 76 Resp: 9837
Ion Ratio Lower Upper
76 100
78 8.1 7.7 11.5

Manual Integrations
APPROVED

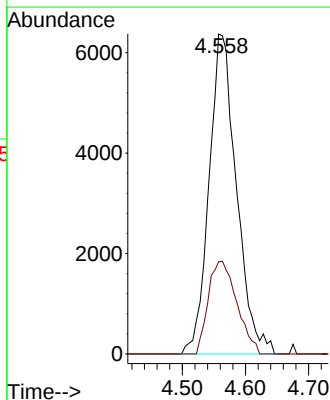
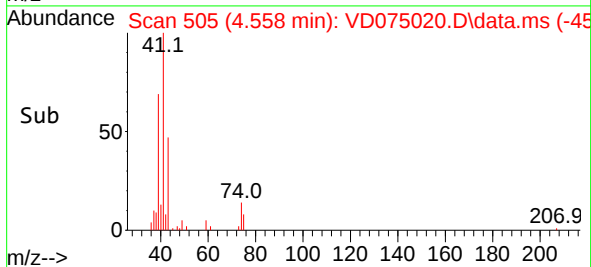
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

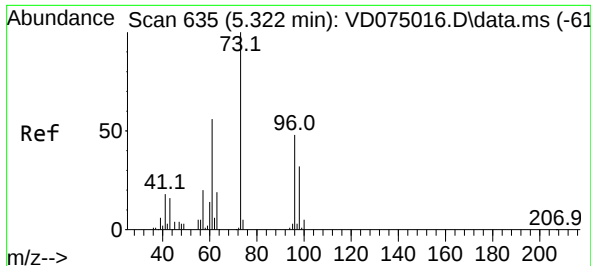


#18
Methyl Acetate
Concen: 23.223 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53



Tgt Ion: 43 Resp: 19225
Ion Ratio Lower Upper
43 100
74 30.2 23.9 35.9





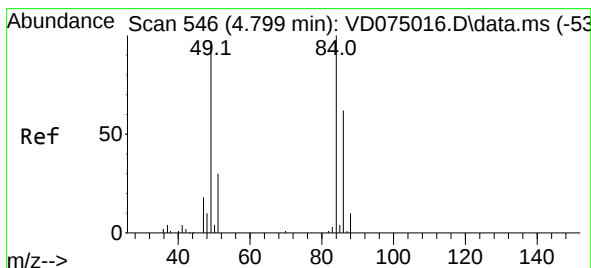
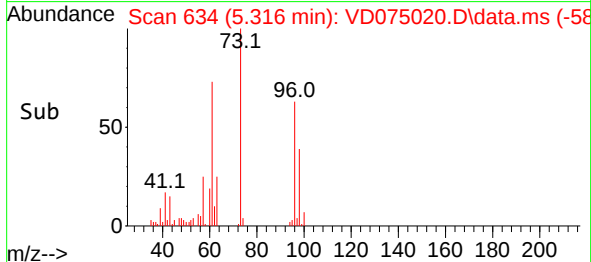
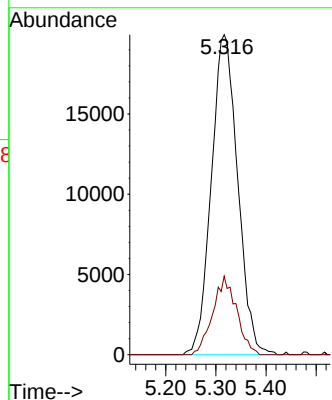
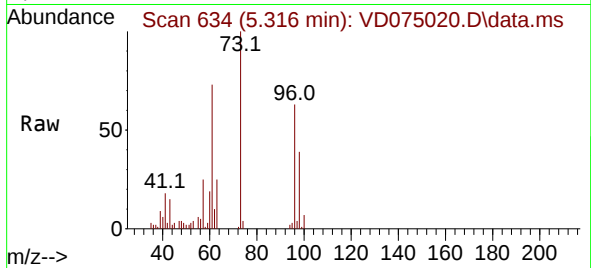
#19
Methyl tert-butyl Ether
Concen: 23.035 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 7284
Ion Ratio Lower Upper
73 100
57 24.6 16.4 24.6

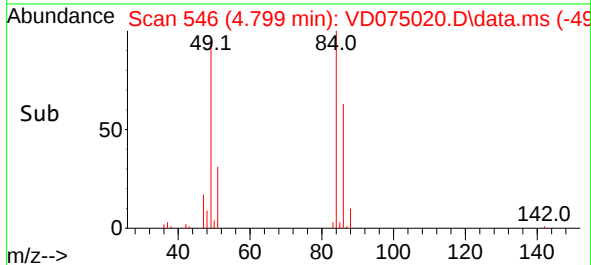
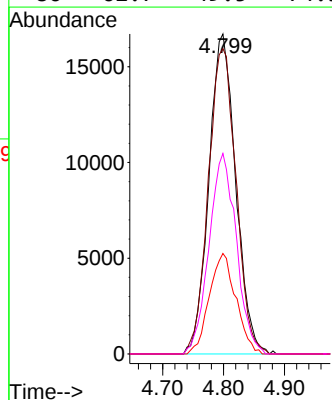
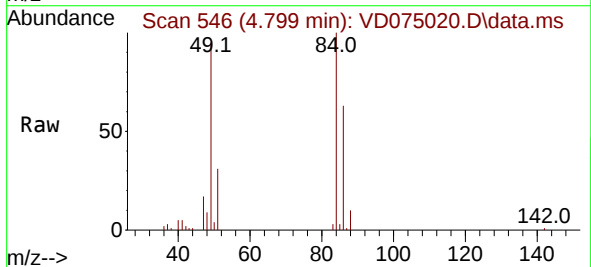
Manual Integrations
APPROVED

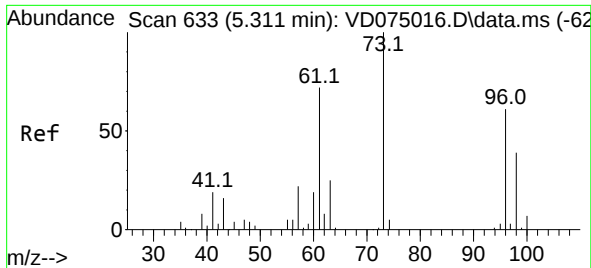
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#20
Methylene Chloride
Concen: 22.097 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

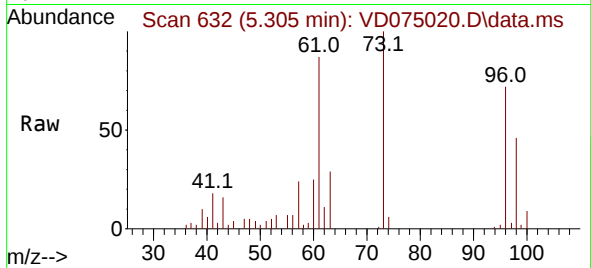
Tgt Ion: 84 Resp: 51194
Ion Ratio Lower Upper
84 100
49 95.4 77.3 115.9
51 31.4 23.8 35.8
86 62.7 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 25.429 ug/l
RT: 5.305 min Scan# 612
Delta R.T. -0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

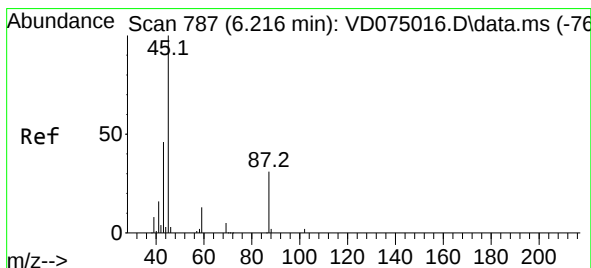
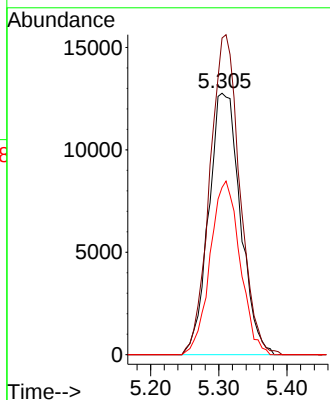
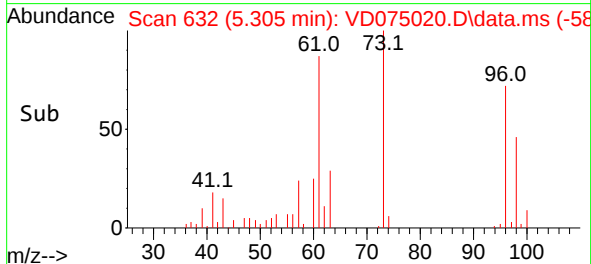
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 4122
Ion Ratio Lower Upper
96 100
61 121.2 94.6 142.0
98 63.9 51.0 76.6

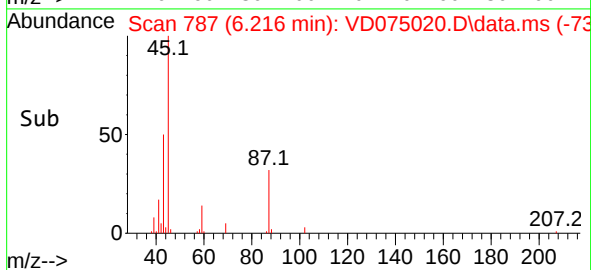
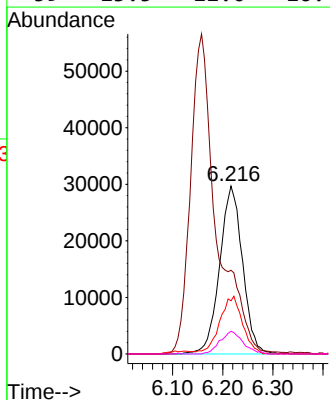
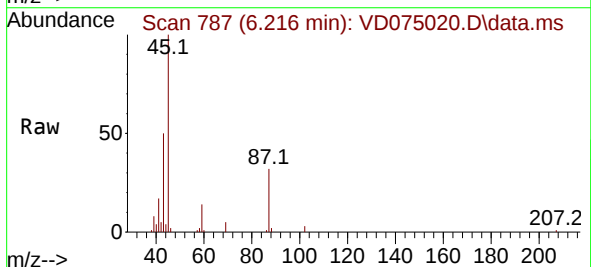
Manual Integrations
APPROVED

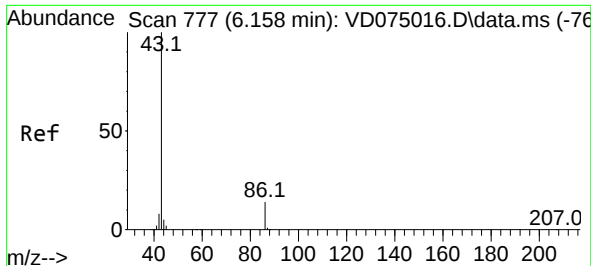
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#22
Diisopropyl ether
Concen: 24.227 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

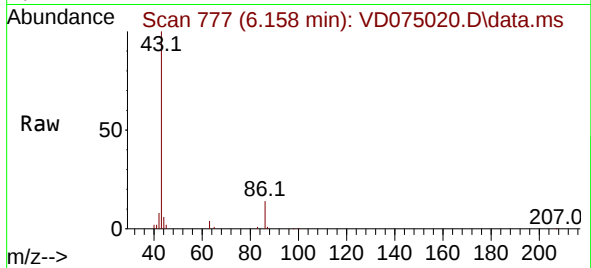
Tgt Ion: 45 Resp: 94184
Ion Ratio Lower Upper
45 100
43 48.7 40.0 60.0
87 31.7 25.8 38.8
59 13.5 11.0 16.4





#23
 Vinyl Acetate
 Concen: 125.659 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD075020.D
 Acq: 14 Dec 2022 13:53

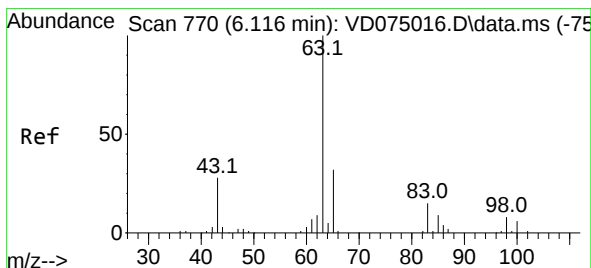
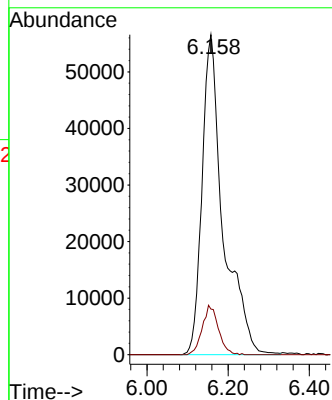
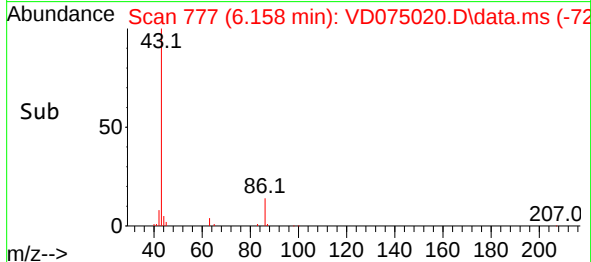
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



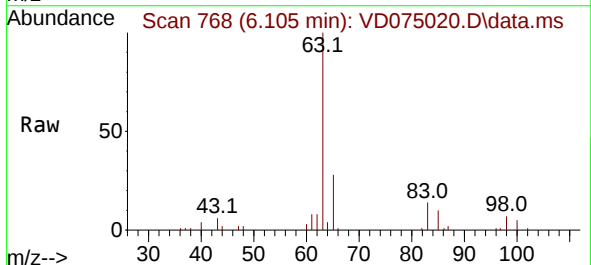
Tgt Ion: 43 Resp: 20497
 Ion Ratio Lower Upper
 43 100
 86 14.3 10.9 16.3

Manual Integrations
 APPROVED

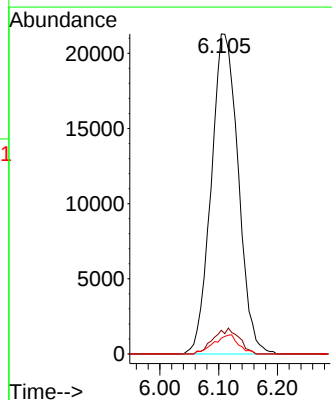
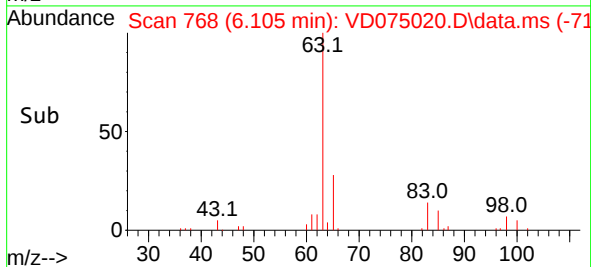
Reviewed By :Krupa Patel 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

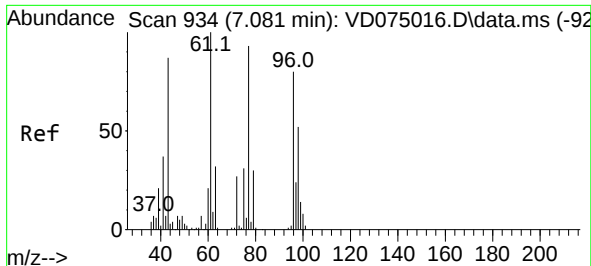


#24
 1,1-Dichloroethane
 Concen: 24.664 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD075020.D
 Acq: 14 Dec 2022 13:53



Tgt Ion: 63 Resp: 68046
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.2 12.4
 100 4.9 3.1 9.3





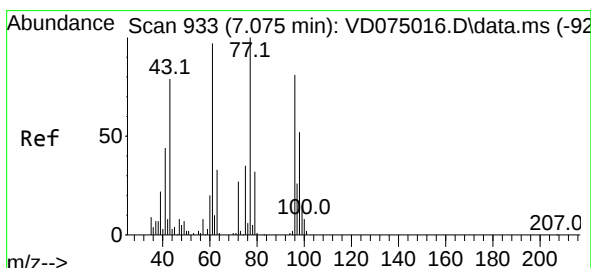
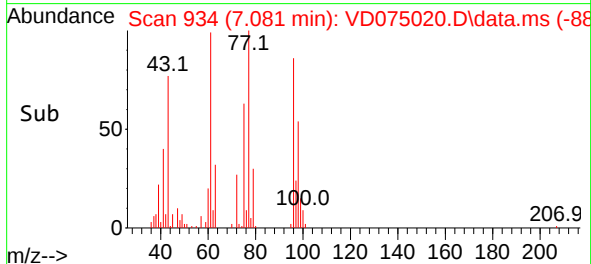
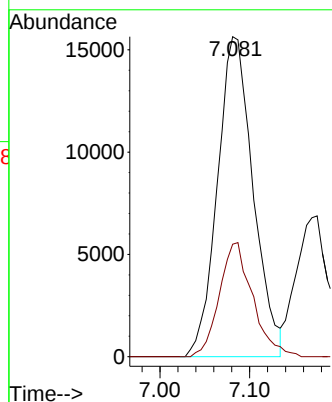
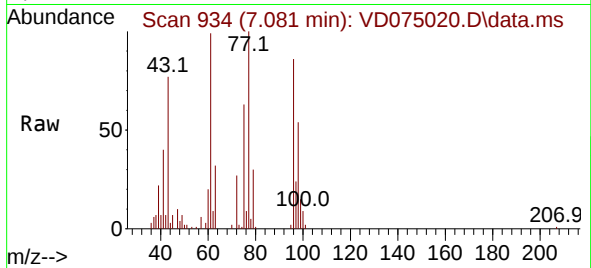
#25
2-Butanone
Concen: 114.391 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 4325
Ion Ratio Lower Upper
43 100
72 35.1 25.2 37.8

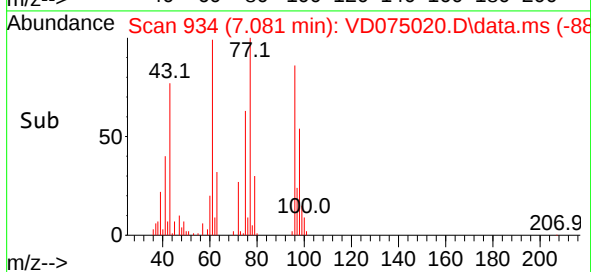
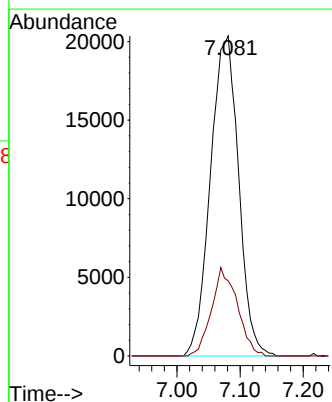
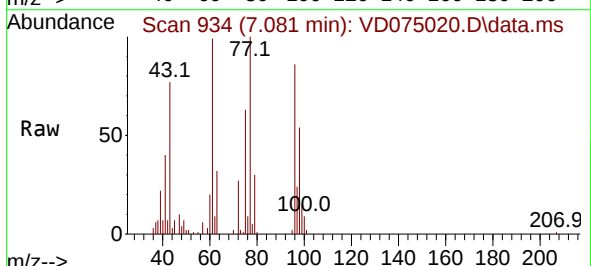
Manual Integrations
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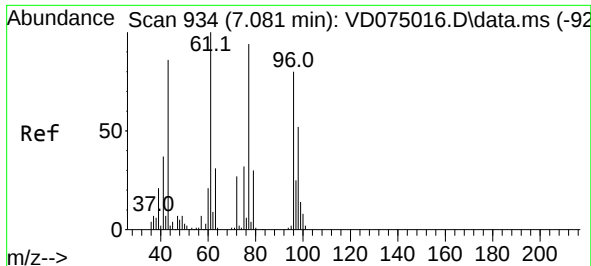
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#26
2,2-Dichloropropane
Concen: 24.321 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Tgt Ion: 77 Resp: 63059
Ion Ratio Lower Upper
77 100
97 25.3 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 24.507 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075020.D

Acq: 14 Dec 2022 13:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 4696

Ion Ratio Lower Upper

96 100

61 124.7 0.0 245.2

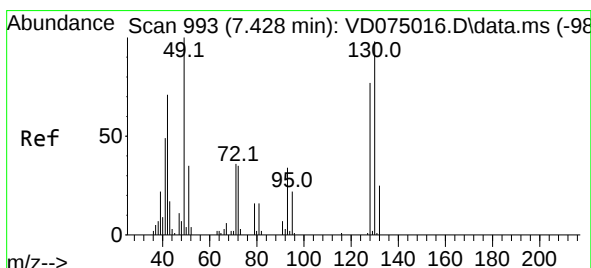
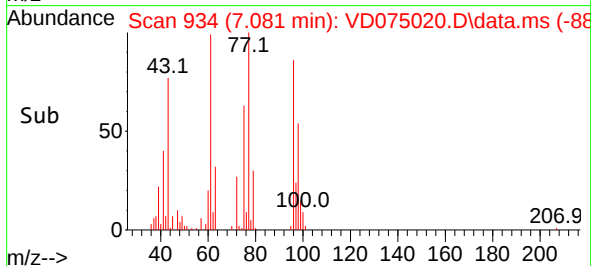
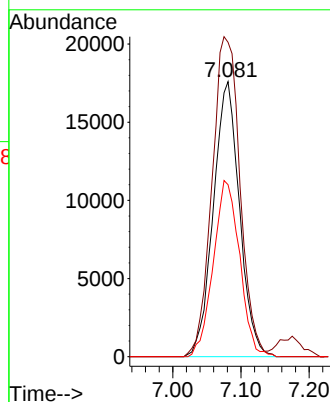
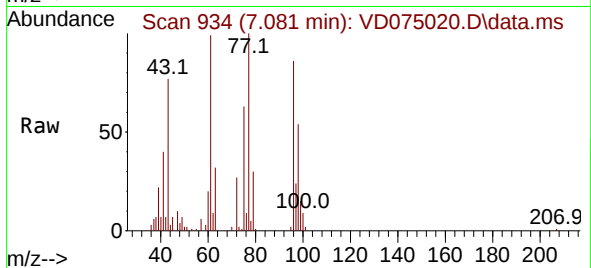
98 64.5 0.0 130.0

Manual Integrations

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Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#28

Bromochloromethane

Concen: 24.683 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD075020.D

Acq: 14 Dec 2022 13:53

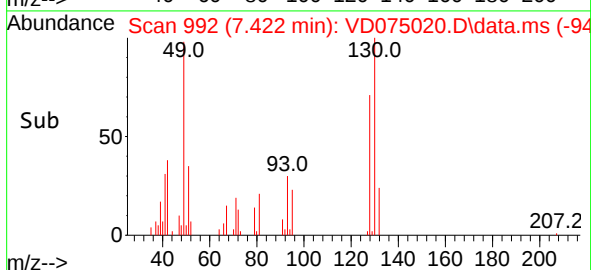
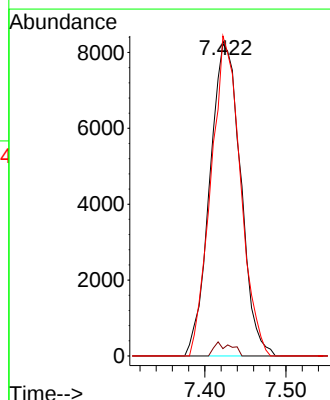
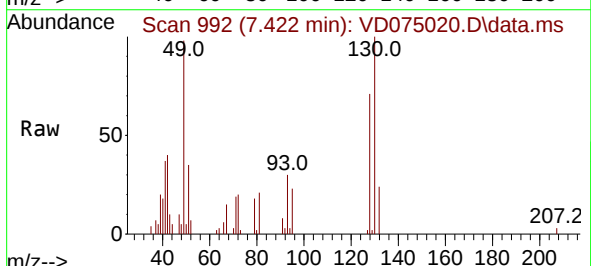
Tgt Ion: 49 Resp: 21776

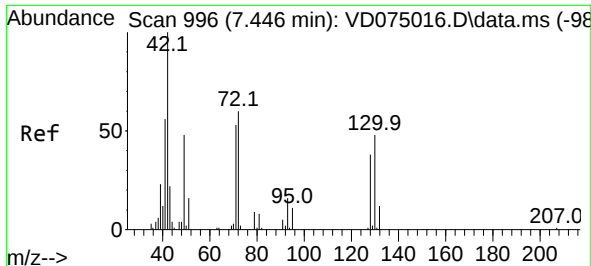
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.4

130 97.3 78.2 117.4





#29

Tetrahydrofuran

Concen: 119.403 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075020.D

Acq: 14 Dec 2022 13:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

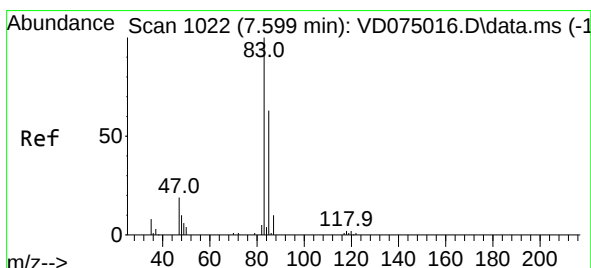
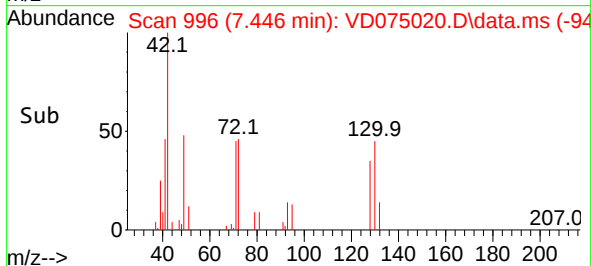
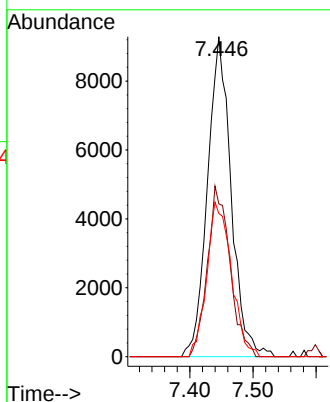
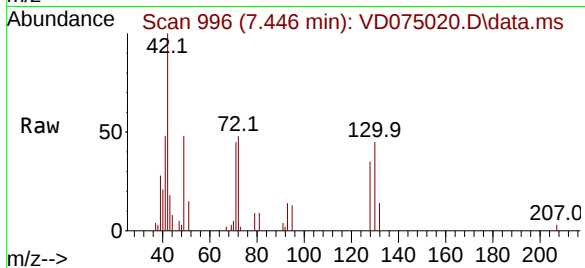
Tgt Ion:	42	Resp:	2416
Ion Ratio	Lower	Upper	
42	100		
72	50.9	44.4	66.6
71	50.1	41.4	62.0

Manual Integrations

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Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#30

Chloroform

Concen: 24.259 ug/l

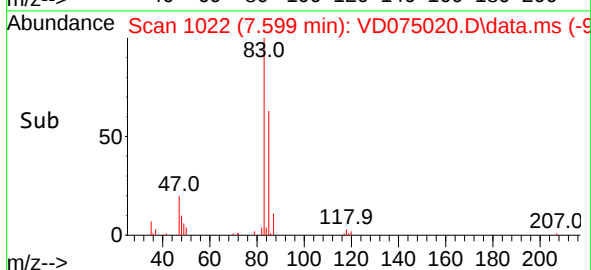
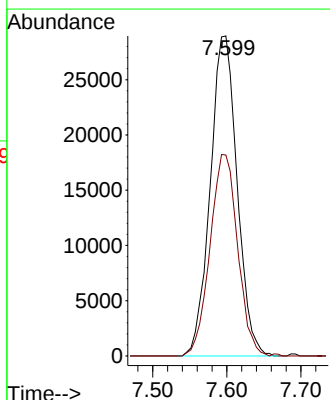
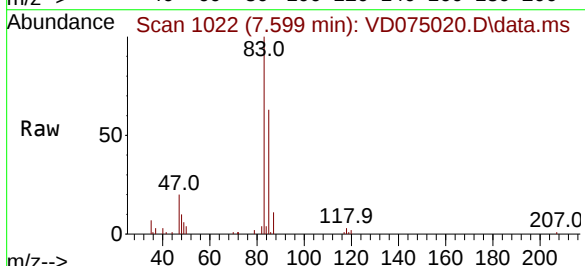
RT: 7.599 min Scan# 1022

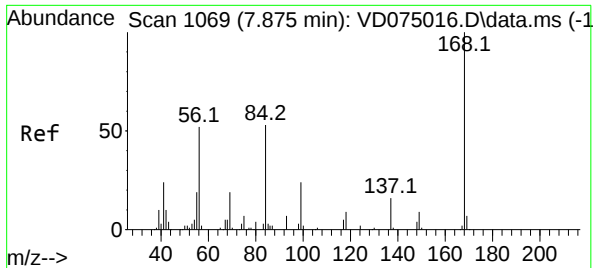
Delta R.T. -0.000 min

Lab File: VD075020.D

Acq: 14 Dec 2022 13:53

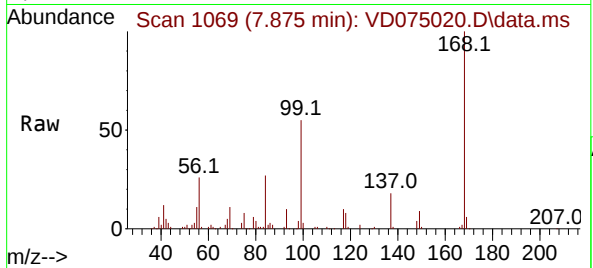
Tgt Ion:	83	Resp:	72986
Ion Ratio	Lower	Upper	
83	100		
85	62.8	50.8	76.2





#31
Cyclohexane
Concen: 23.194 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

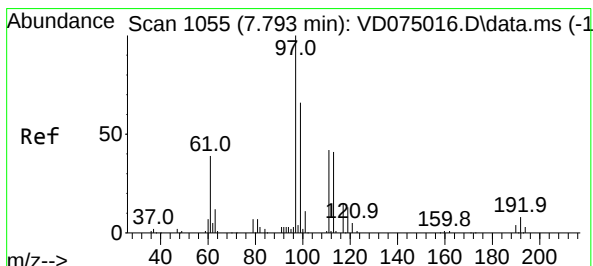
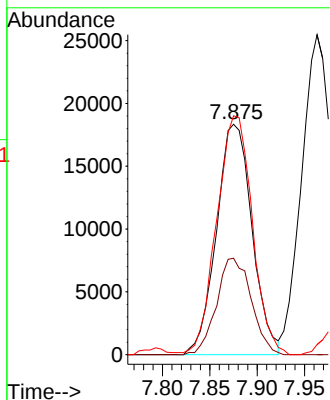
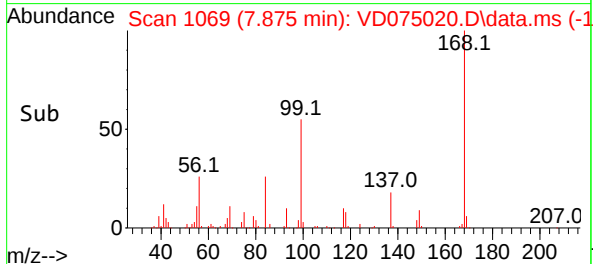
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



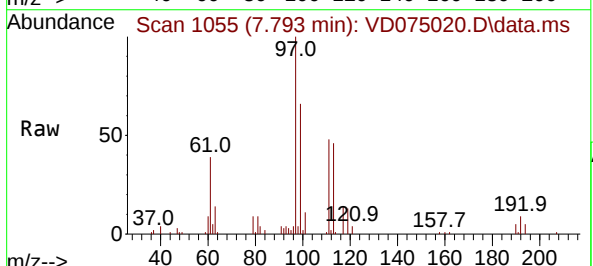
Tgt Ion: 56 Resp: 4797
Ion Ratio Lower Upper
56 100
69 41.9 29.0 43.6
84 102.8 81.0 121.6

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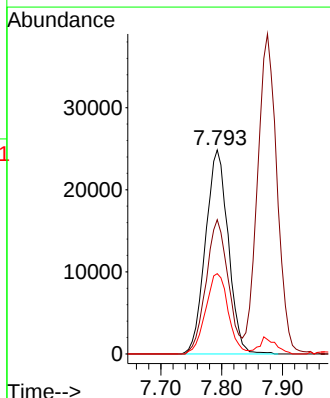
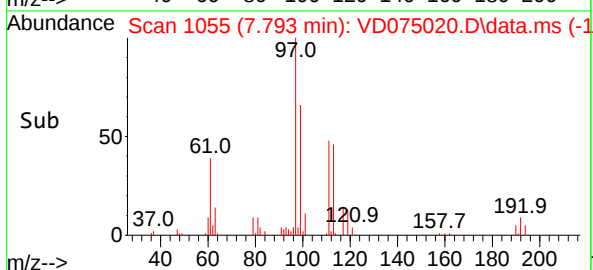
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

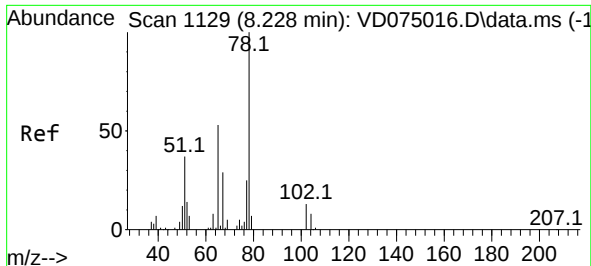


#32
1,1,1-Trichloroethane
Concen: 25.004 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53



Tgt Ion: 97 Resp: 64356
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 39.3 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 24.712 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075020.D

Acq: 14 Dec 2022 13:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 2859

Ion Ratio Lower Upper

65 100

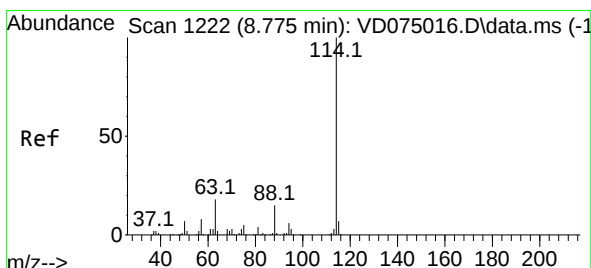
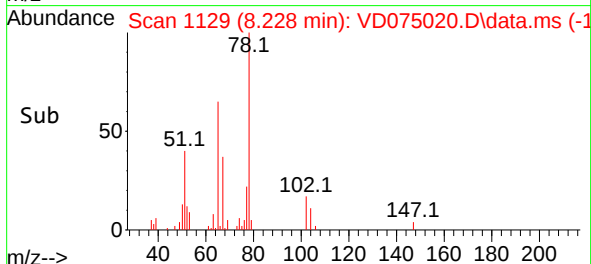
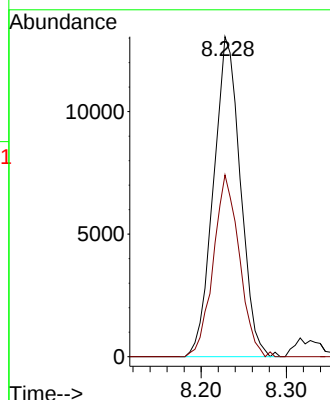
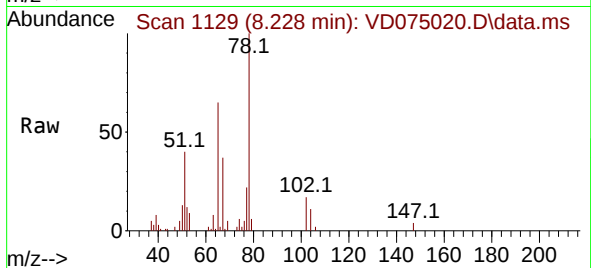
67 55.1 0.0 107.0

Manual Integrations

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Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD075020.D

Acq: 14 Dec 2022 13:53

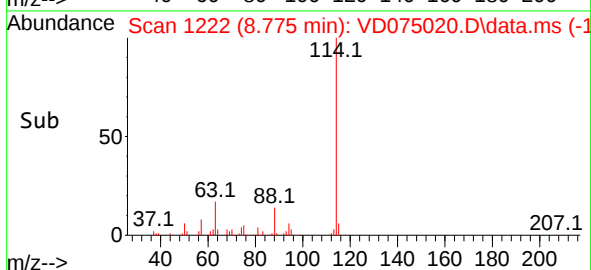
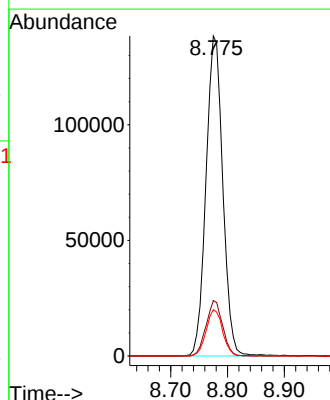
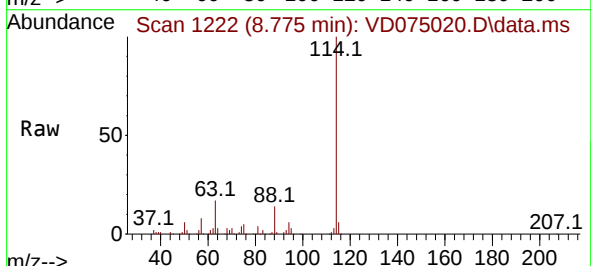
Tgt Ion:114 Resp: 283308

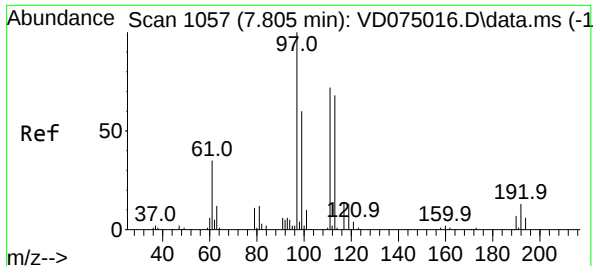
Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

88 14.5 0.0 29.8





#35

Dibromofluoromethane

Concen: 22.448 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075020.D

Acq: 14 Dec 2022 13:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 113 Resp: 39804

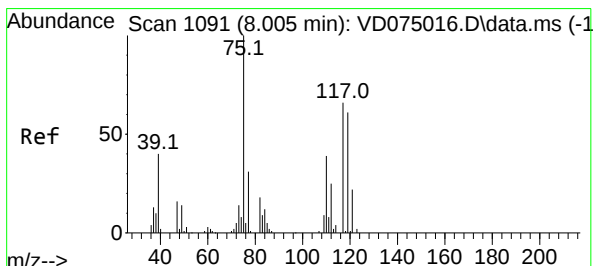
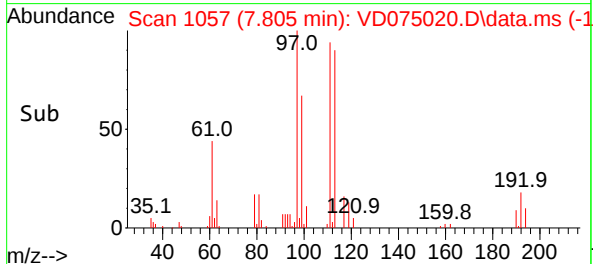
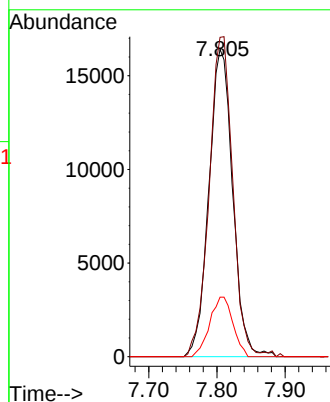
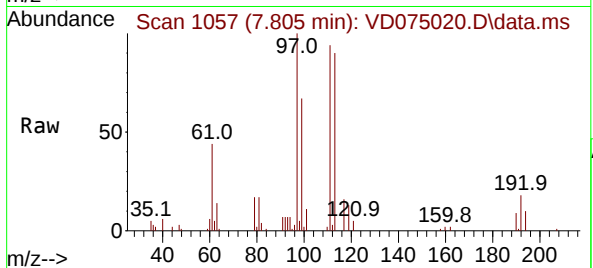
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.0	124.6
192	18.8	15.5	23.3

Manual Integrations

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Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#36

1,1-Dichloropropene

Concen: 20.010 ug/l

RT: 8.005 min Scan# 1091

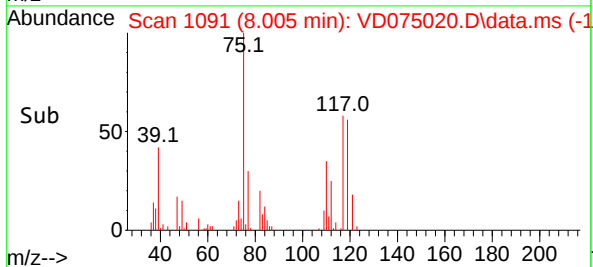
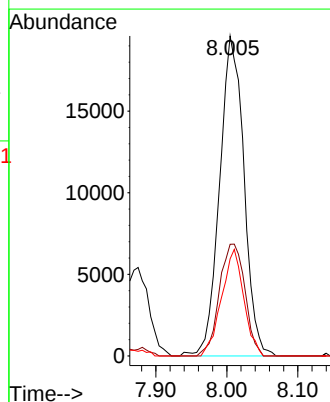
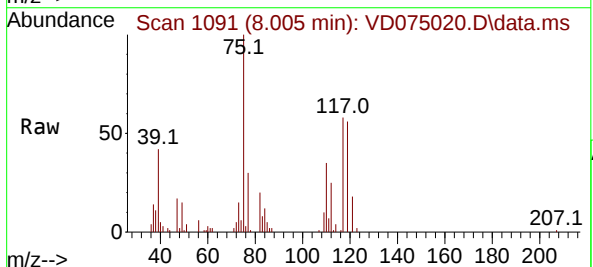
Delta R.T. -0.000 min

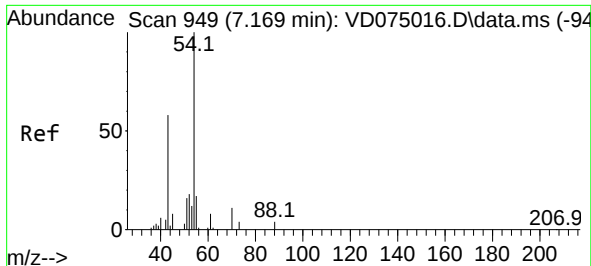
Lab File: VD075020.D

Acq: 14 Dec 2022 13:53

Tgt Ion: 75 Resp: 46620

Ion	Ratio	Lower	Upper
75	100		
110	36.6	19.7	59.1
77	30.5	24.8	37.2





#37

Ethyl Acetate

Concen: 20.511 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075020.D

Acq: 14 Dec 2022 13:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

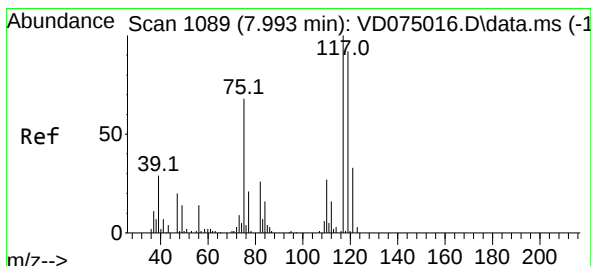
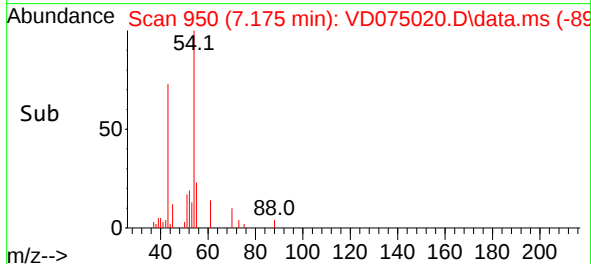
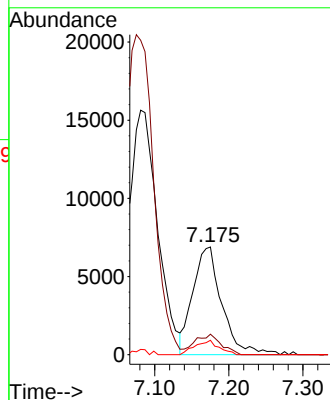
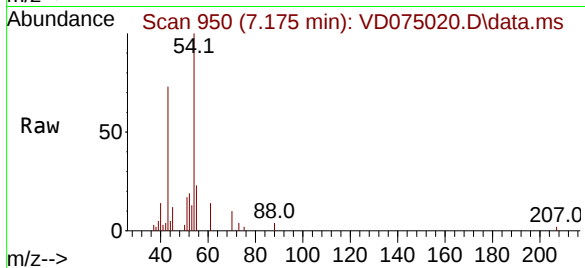
Tgt Ion:	43	Resp:	1870
Ion	Ratio	Lower	Upper
43	100		
61	17.0	13.8	20.8
70	10.9	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#38

Carbon Tetrachloride

Concen: 19.180 ug/l

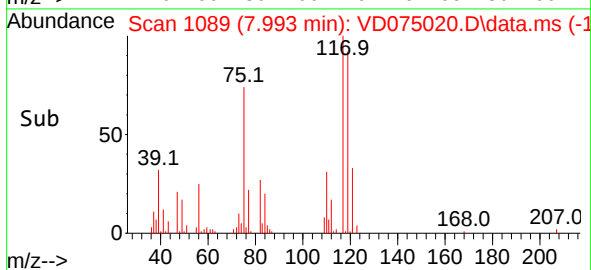
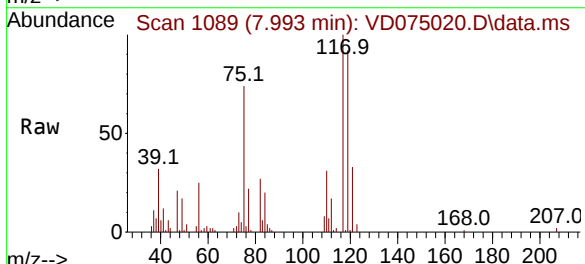
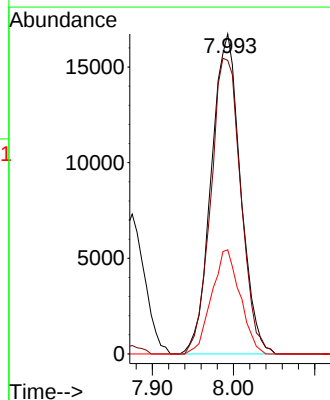
RT: 7.993 min Scan# 1089

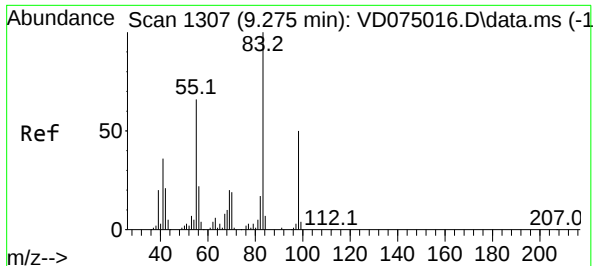
Delta R.T. -0.000 min

Lab File: VD075020.D

Acq: 14 Dec 2022 13:53

Tgt Ion:	117	Resp:	41805
Ion	Ratio	Lower	Upper
117	100		
119	91.8	73.2	109.8
121	32.6	26.1	39.1





#39

Methylcyclohexane

Concen: 22.509 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075020.D

Acq: 14 Dec 2022 13:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

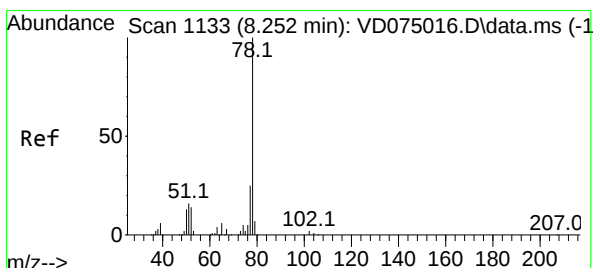
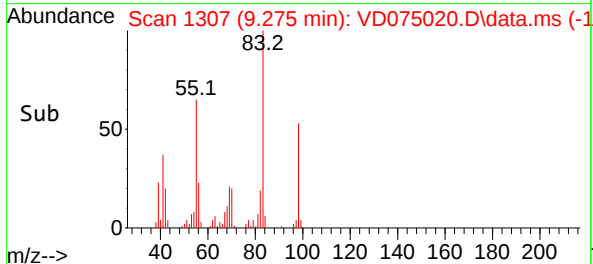
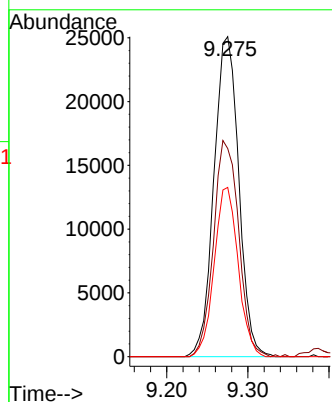
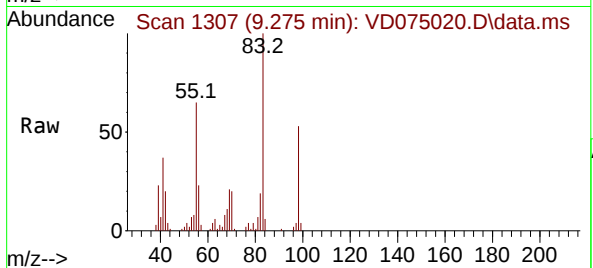
Tgt Ion:	83	Resp:	53390
Ion	Ratio	Lower	Upper
83	100		
55	65.0	52.9	79.3
98	52.9	40.2	60.2

Manual Integrations

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Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#40

Benzene

Concen: 19.216 ug/l

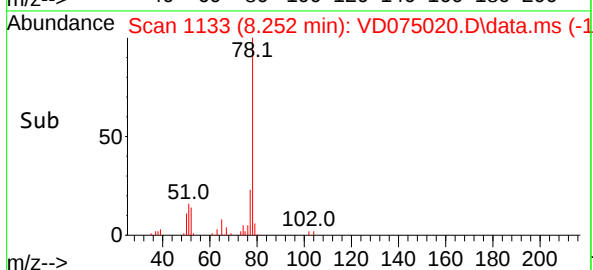
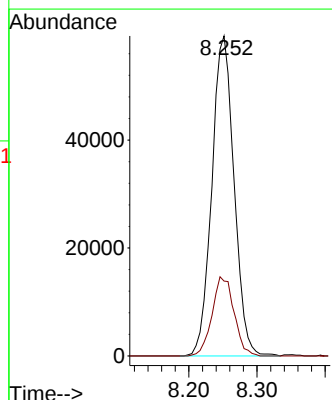
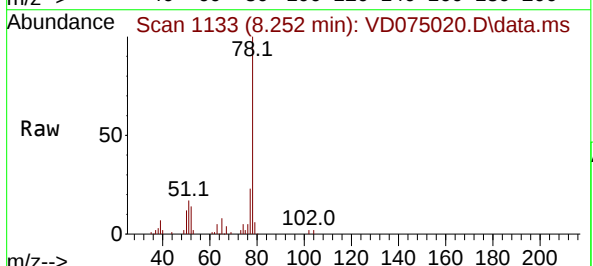
RT: 8.252 min Scan# 1133

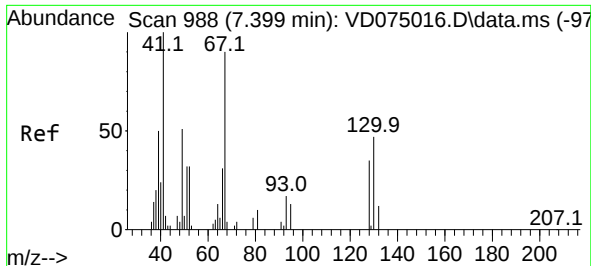
Delta R.T. -0.000 min

Lab File: VD075020.D

Acq: 14 Dec 2022 13:53

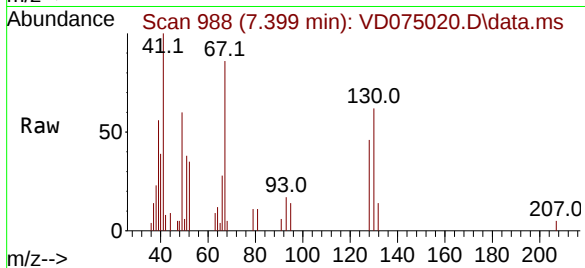
Tgt Ion:	78	Resp:	134469
Ion	Ratio	Lower	Upper
78	100		
77	23.4	20.2	30.2





#41
Methacrylonitrile
Concen: 22.638 ug/l m
RT: 7.399 min Scan# 988
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

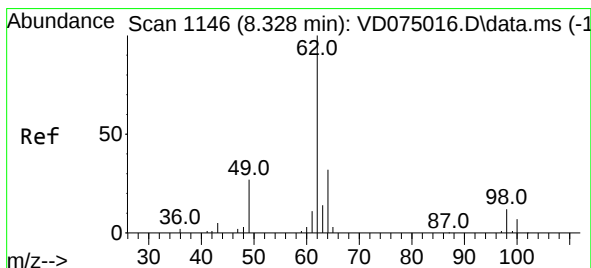
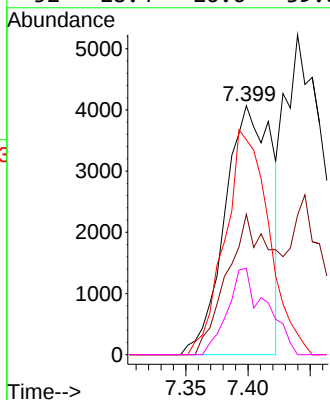
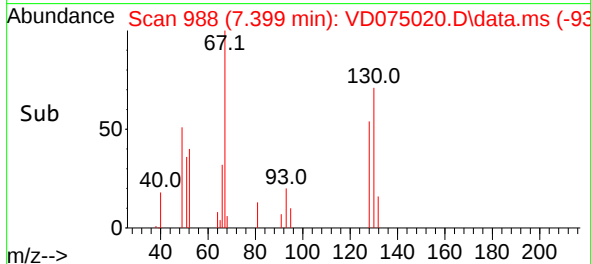
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 10700
Ion Ratio Lower Upper
41 100
39 56.5 45.9 68.9
67 84.5 76.0 114.0
52 28.4 26.6 39.8

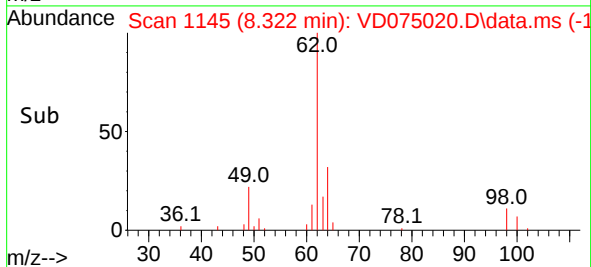
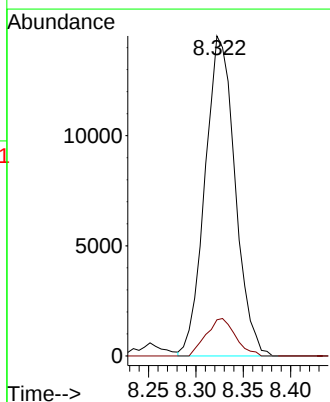
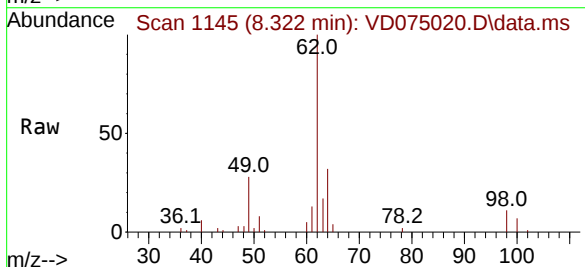
Manual Integrations
APPROVED

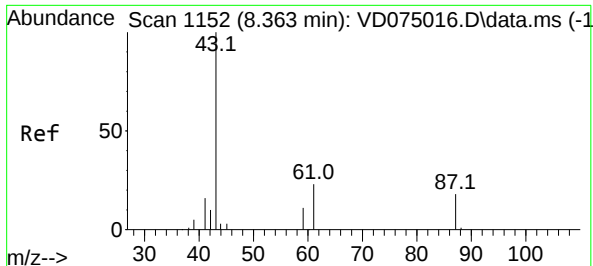
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#42
1,2-Dichloroethane
Concen: 19.093 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Tgt Ion: 62 Resp: 32059
Ion Ratio Lower Upper
62 100
98 11.3 0.0 23.4





#43

Isopropyl Acetate

Concen: 18.522 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD075020.D

Acq: 14 Dec 2022 13:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

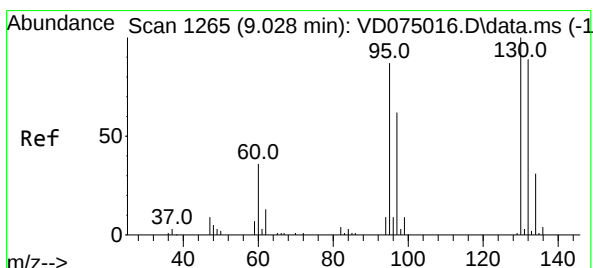
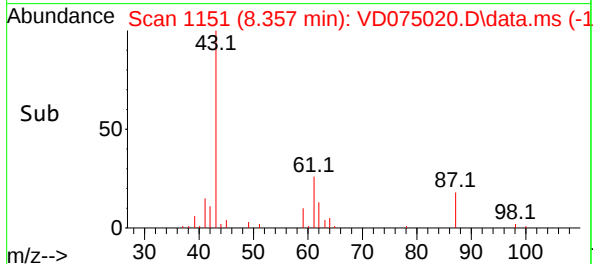
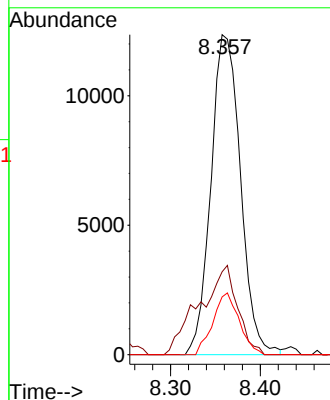
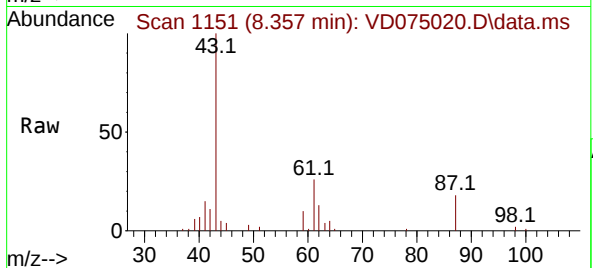
Tgt Ion: 43	Resp: 2832
Ion Ratio	Lower Upper
43 100	
61 36.0	28.2 42.2
87 17.1	13.8 20.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#44

Trichloroethene

Concen: 20.675 ug/l

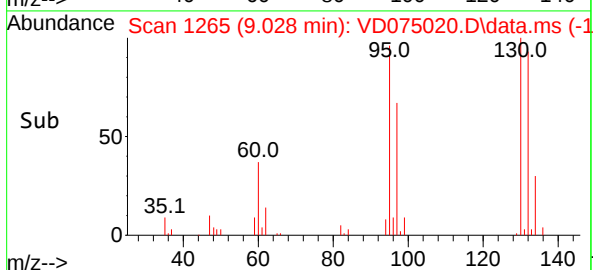
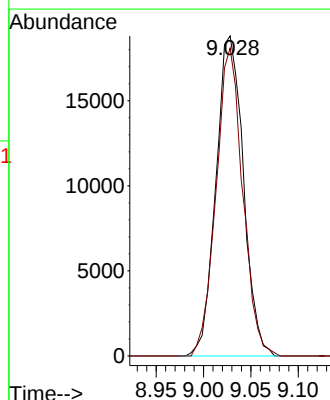
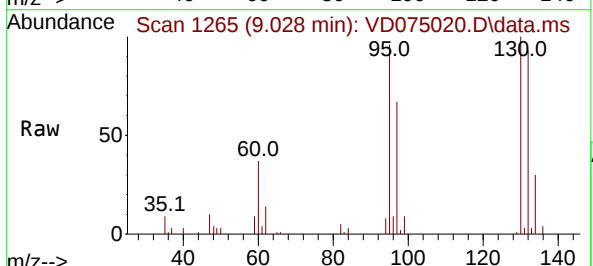
RT: 9.028 min Scan# 1265

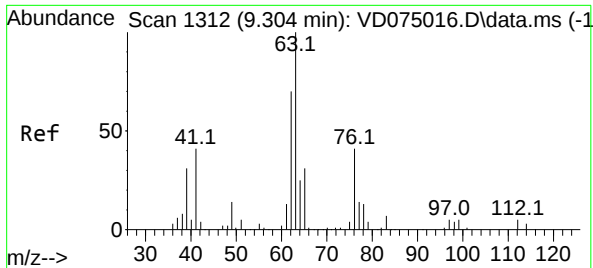
Delta R.T. -0.000 min

Lab File: VD075020.D

Acq: 14 Dec 2022 13:53

Tgt Ion:130	Resp: 37862
Ion Ratio	Lower Upper
130 100	
95 96.3	0.0 174.8





#45

1,2-Dichloropropane

Concen: 20.912 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075020.D

Acq: 14 Dec 2022 13:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 3317

Ion Ratio Lower Upper

63 100

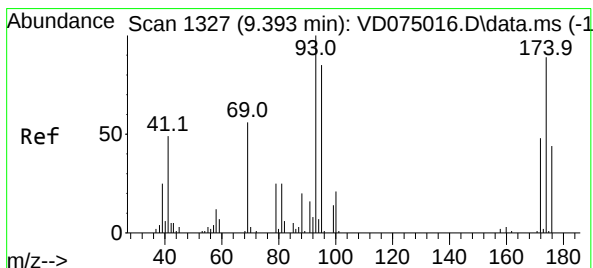
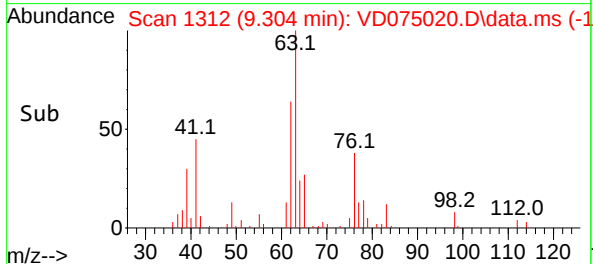
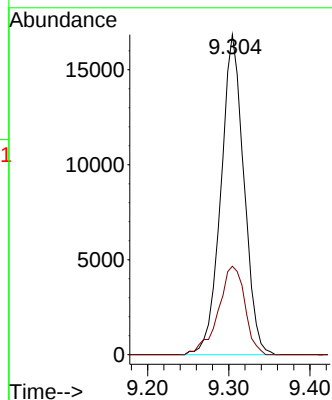
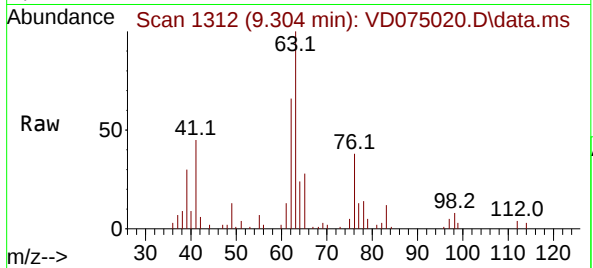
65 27.7 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 20.530 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD075020.D

Acq: 14 Dec 2022 13:53

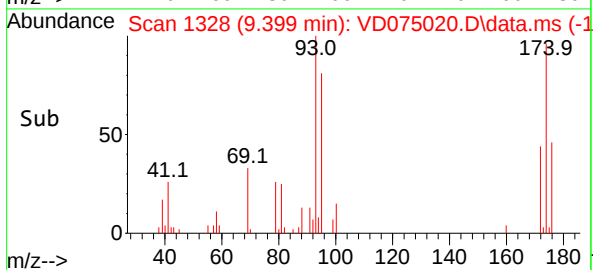
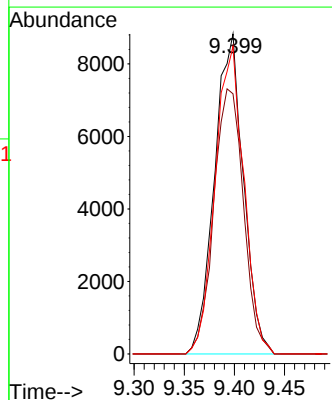
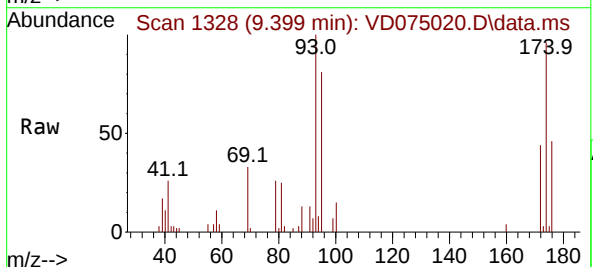
Tgt Ion: 93 Resp: 17695

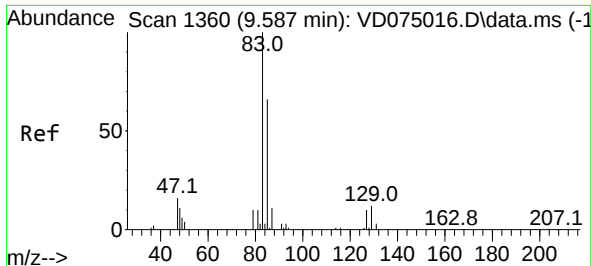
Ion Ratio Lower Upper

93 100

95 85.1 66.3 99.5

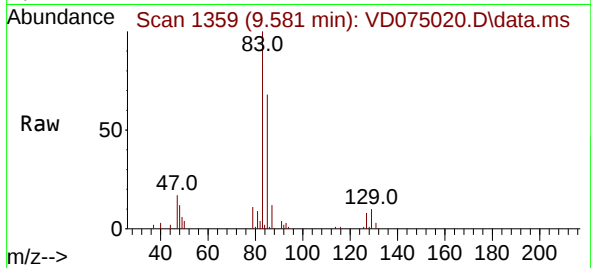
174 95.4 74.7 112.1





#47
Bromodichloromethane
Concen: 20.007 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

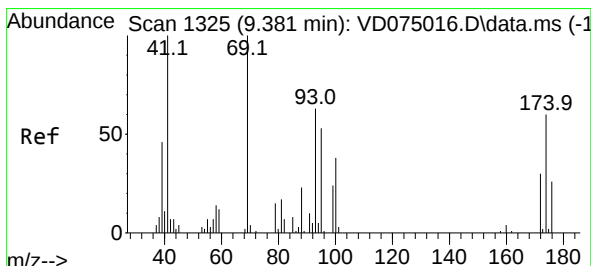
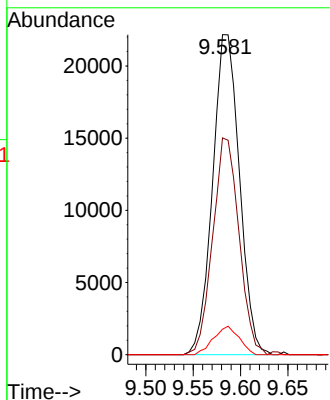
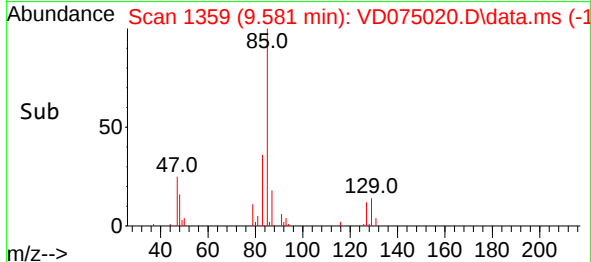
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



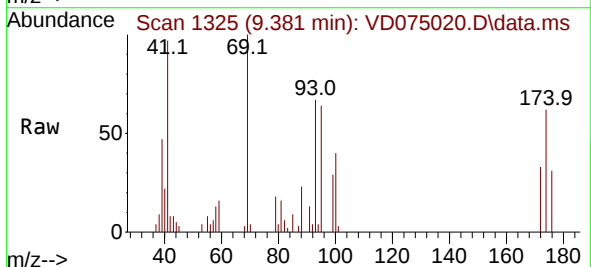
Tgt Ion: 83 Resp: 43775
Ion Ratio Lower Upper
83 100
85 67.7 53.0 79.6
127 8.0 8.1 12.1

Manual Integrations
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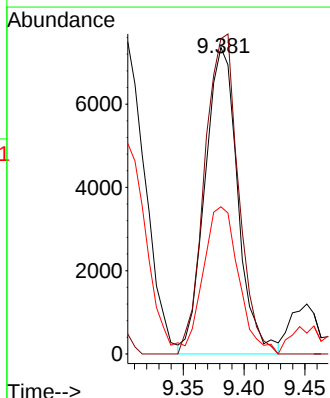
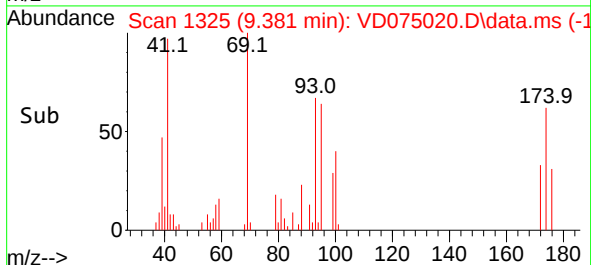
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

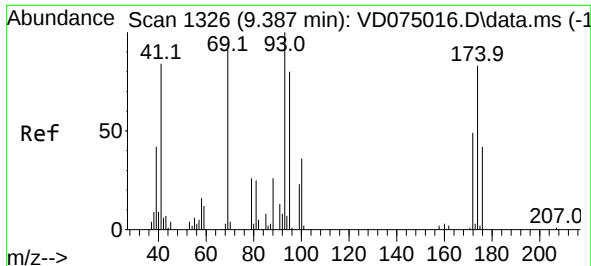


#48
Methyl methacrylate
Concen: 20.584 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53



Tgt Ion: 41 Resp: 13820
Ion Ratio Lower Upper
41 100
69 107.1 87.0 130.4
39 51.0 43.6 65.4





#49

1,4-Dioxane

Concen: 377.709 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

Lab File: VD075020.D

Acq: 14 Dec 2022 13:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 3644

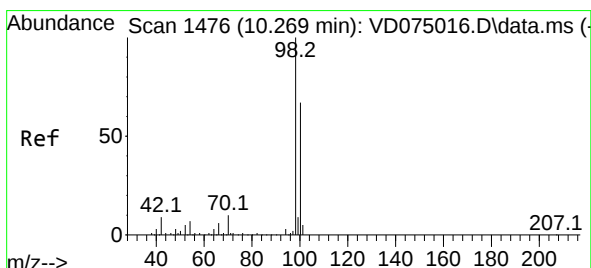
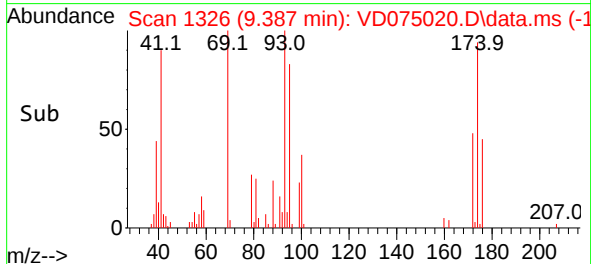
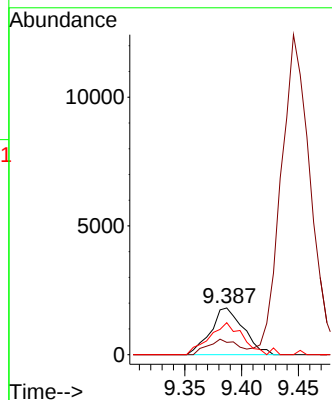
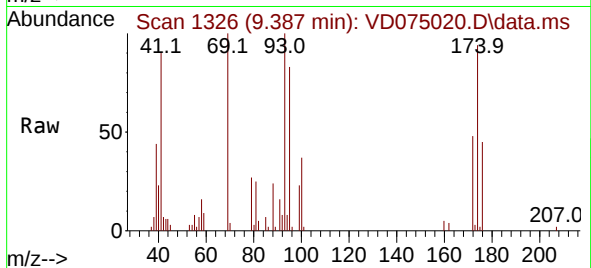
Ion	Ratio	Lower	Upper
88	100		
43	29.9	22.3	33.5
58	68.6	47.3	70.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 24.423 ug/l

RT: 10.269 min Scan# 1476

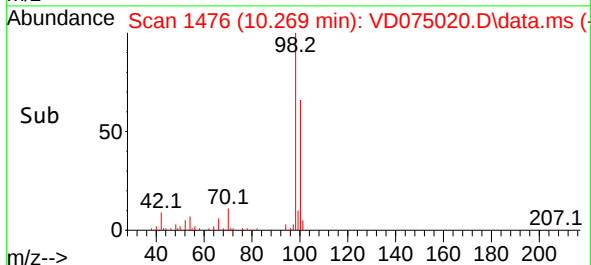
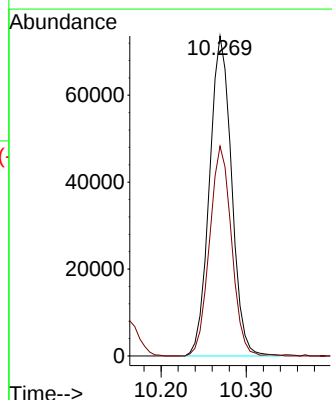
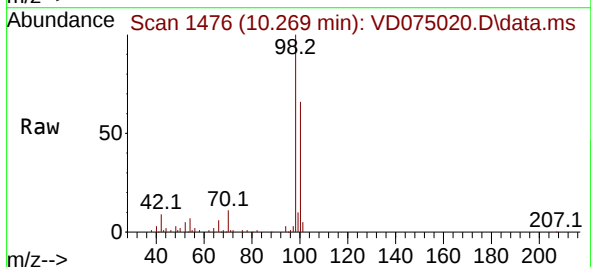
Delta R.T. -0.000 min

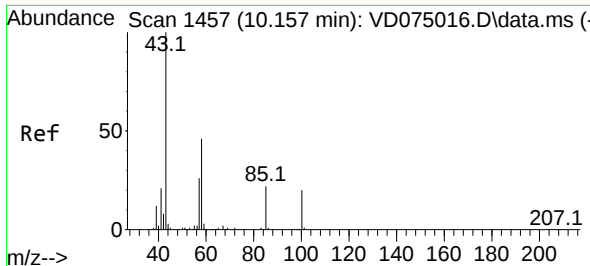
Lab File: VD075020.D

Acq: 14 Dec 2022 13:53

Tgt Ion: 98 Resp: 132756

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.3	78.5





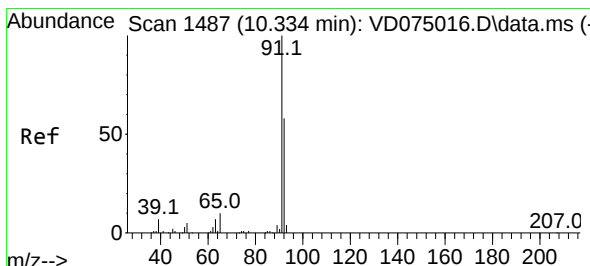
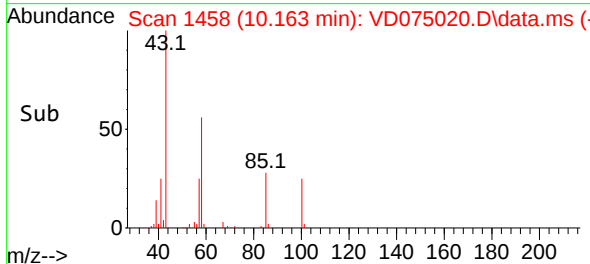
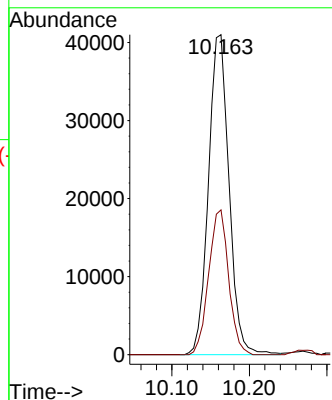
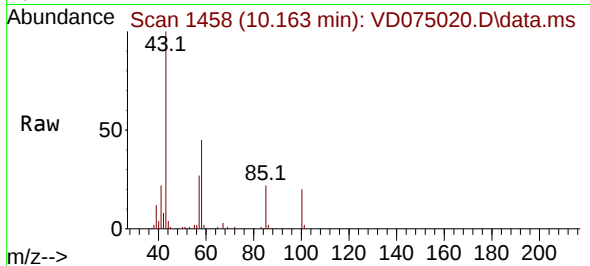
#51
4-Methyl-2-Pentanone
Concen: 98.833 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 7555
Ion Ratio Lower Upper
43 100
58 44.0 35.8 53.6

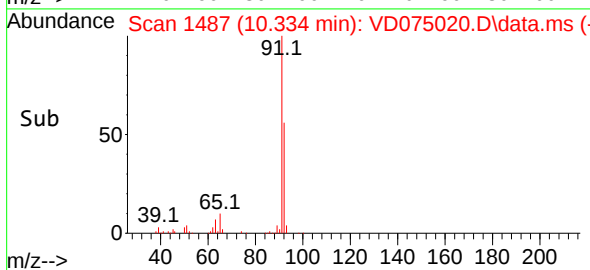
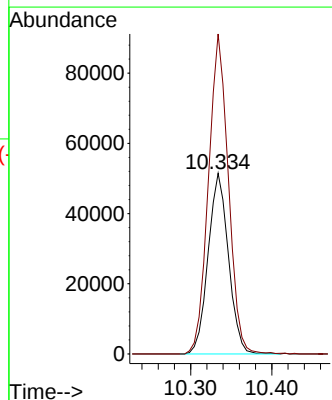
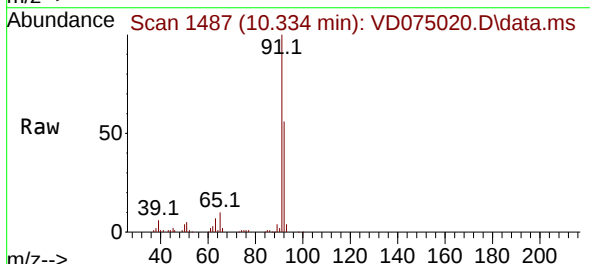
Manual Integrations
APPROVED

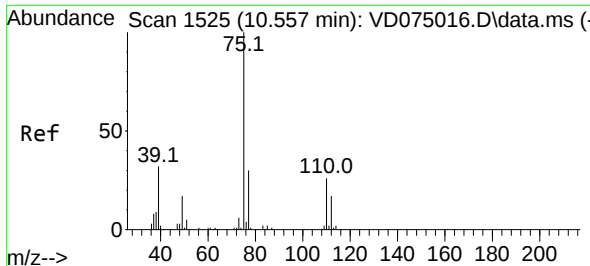
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#52
Toluene
Concen: 21.624 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Tgt Ion: 92 Resp: 89406
Ion Ratio Lower Upper
92 100
91 173.7 137.6 206.4





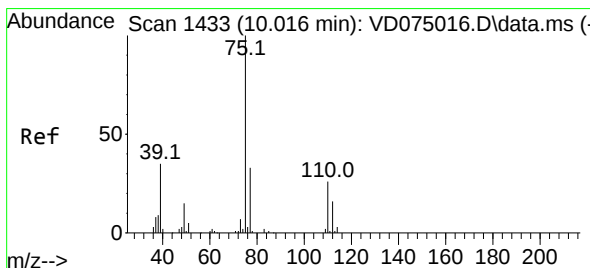
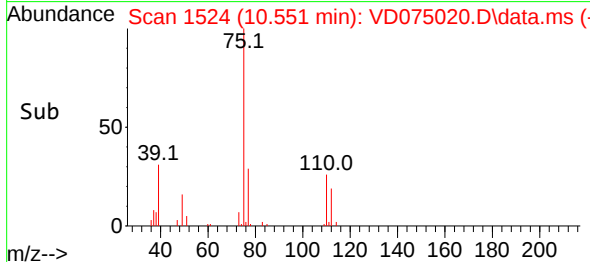
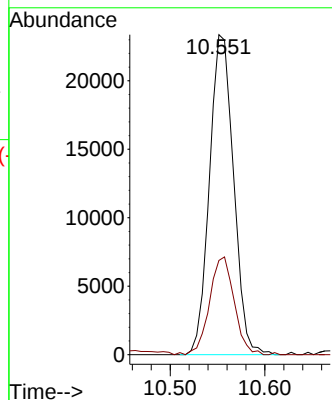
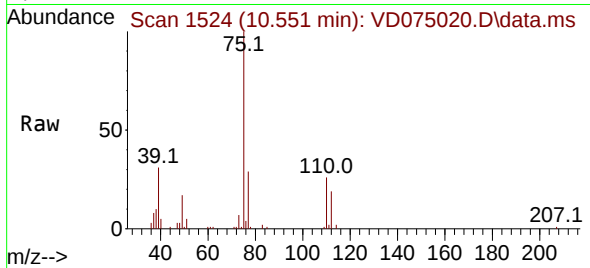
#53
t-1,3-Dichloropropene
Concen: 20.503 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 4134
Ion Ratio Lower Upper
75 100
77 29.5 24.1 36.1

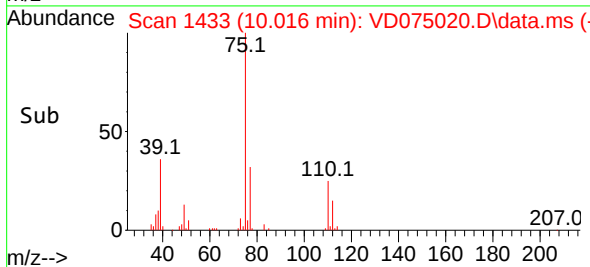
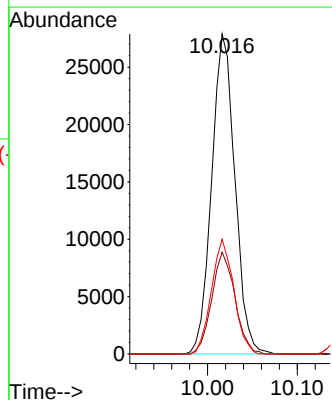
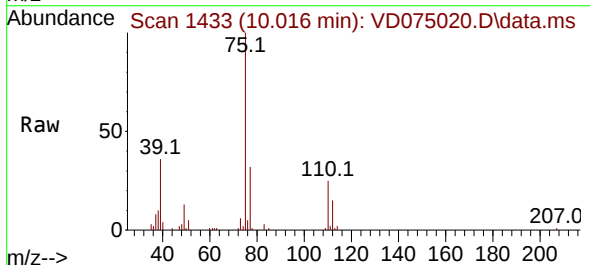
Manual Integrations
APPROVED

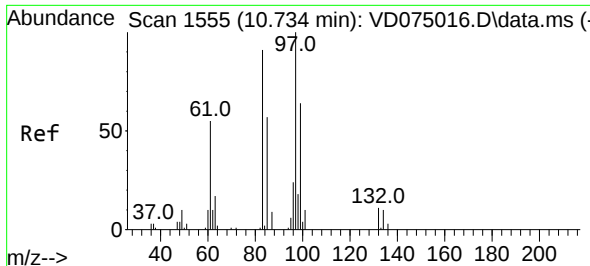
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#54
cis-1,3-Dichloropropene
Concen: 20.513 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Tgt Ion: 75 Resp: 50184
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.4
39 35.8 28.3 42.5





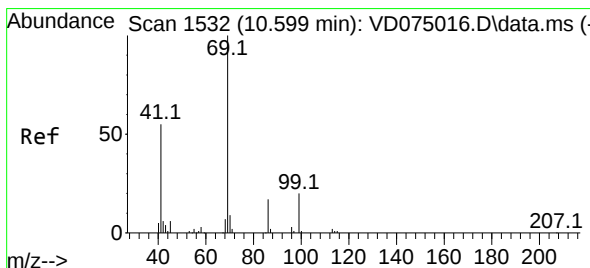
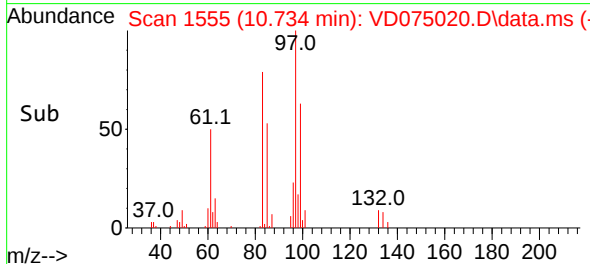
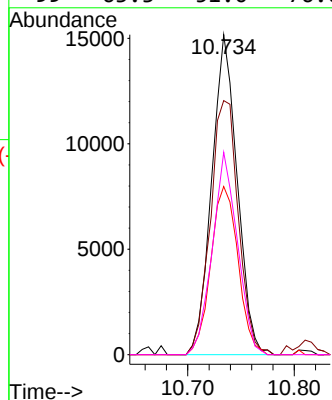
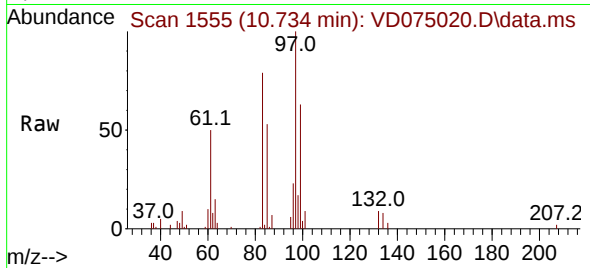
#55
1,1,2-Trichloroethane
Concen: 20.054 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 97	Resp: 25239
Ion Ratio	Lower Upper
97 100	
83 79.4	73.1 109.7
85 52.5	45.4 68.2
99 63.3	51.0 76.6

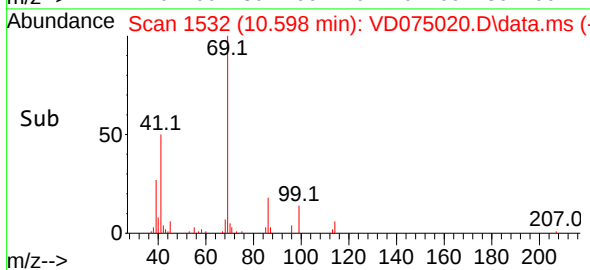
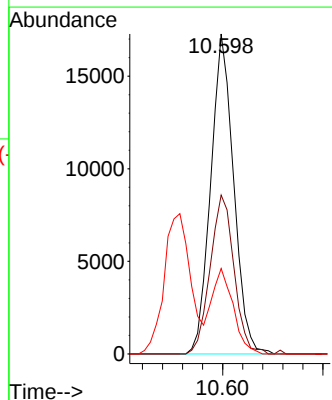
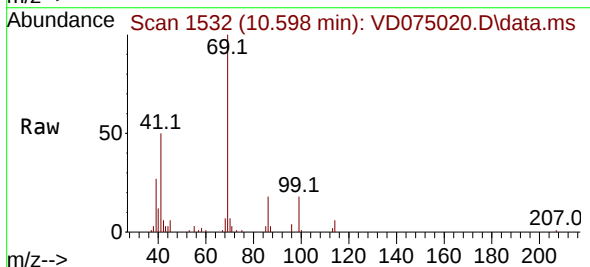
Manual Integrations
APPROVED

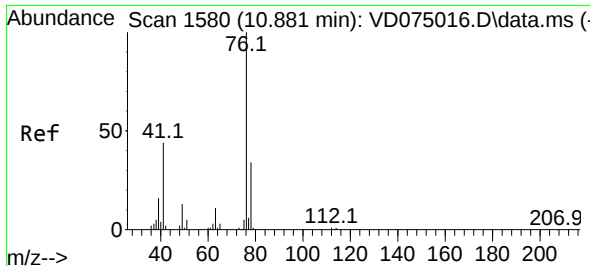
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#56
Ethyl methacrylate
Concen: 19.832 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Tgt Ion: 69	Resp: 27402
Ion Ratio	Lower Upper
69 100	
41 51.7	42.7 64.1
39 25.1	20.4 30.6





#57

1,3-Dichloropropane

Concen: 20.221 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075020.D

Acq: 14 Dec 2022 13:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 41228

Ion Ratio Lower Upper

76 100

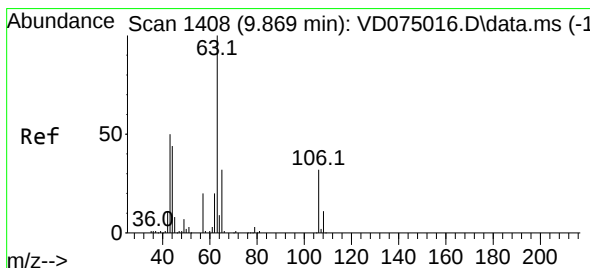
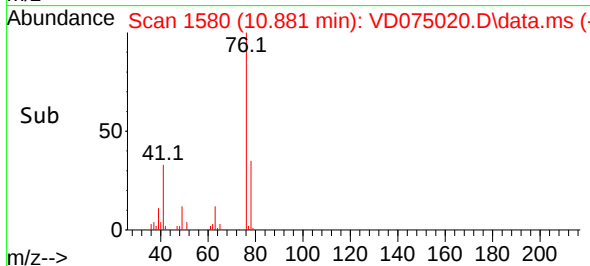
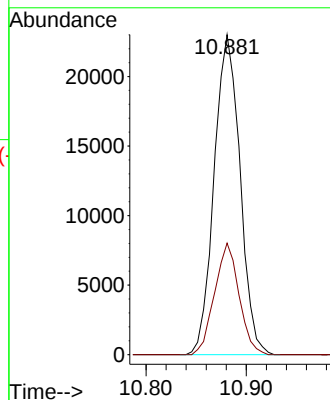
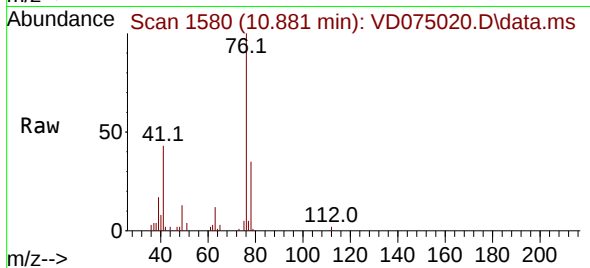
78 32.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 96.925 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD075020.D

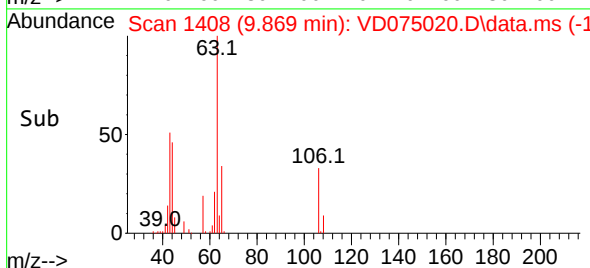
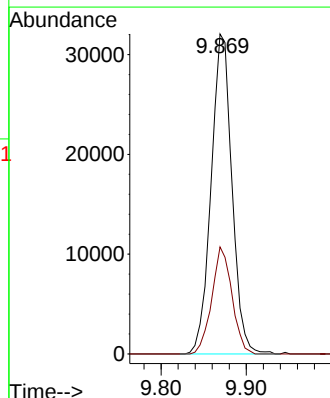
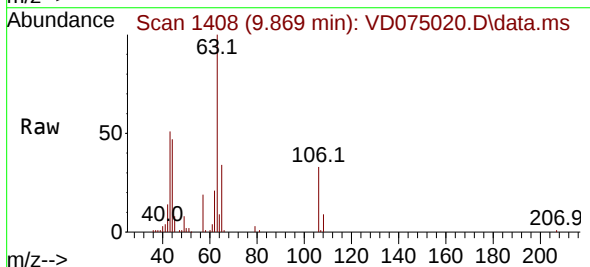
Acq: 14 Dec 2022 13:53

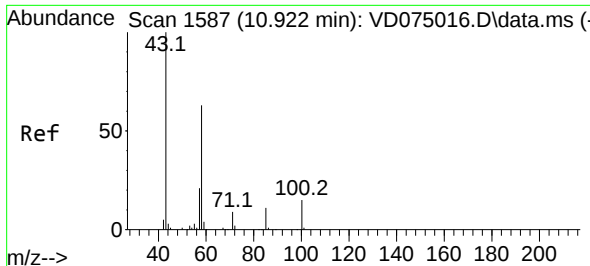
Tgt Ion: 63 Resp: 54420

Ion Ratio Lower Upper

63 100

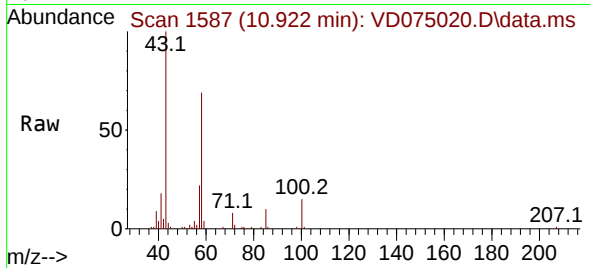
106 32.3 25.0 37.4





#59
2-Hexanone
Concen: 98.140 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

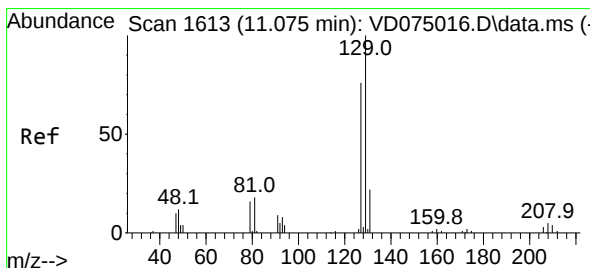
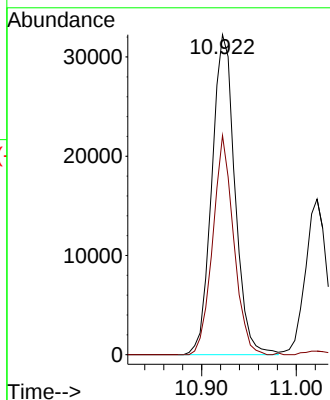
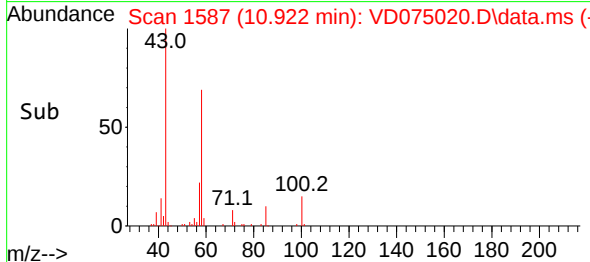
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



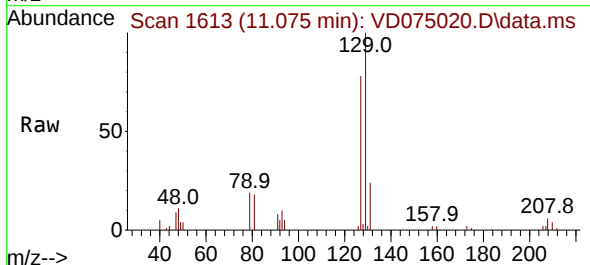
Tgt Ion: 43 Resp: 54630
Ion Ratio Lower Upper
43 100
58 62.1 31.4 94.3

Manual Integrations
APPROVED

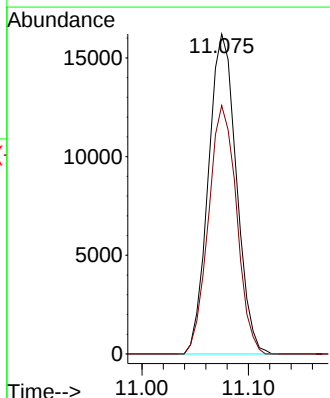
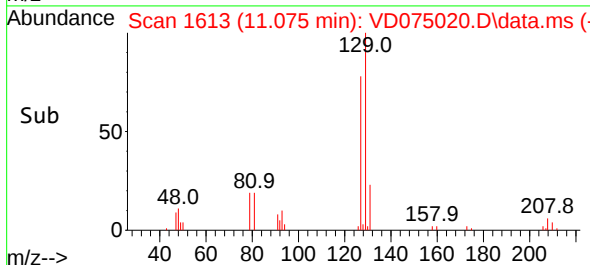
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

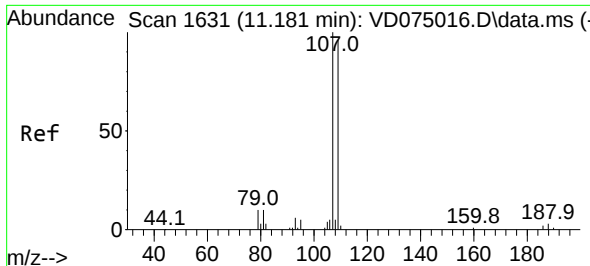


#60
Dibromochloromethane
Concen: 20.151 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53



Tgt Ion:129 Resp: 29624
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3





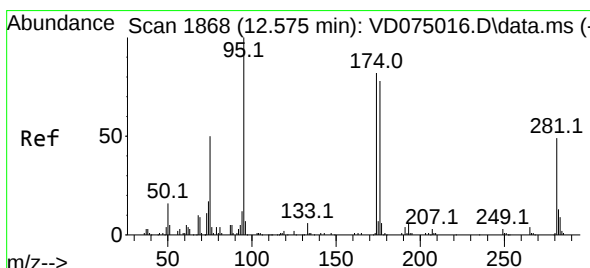
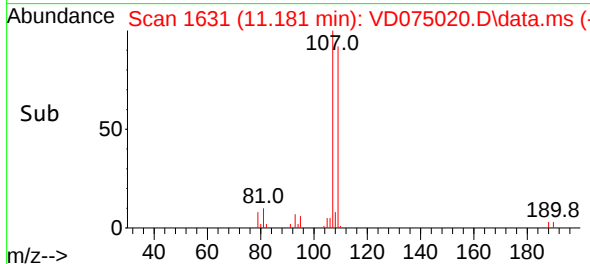
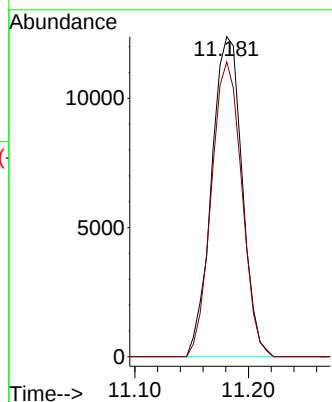
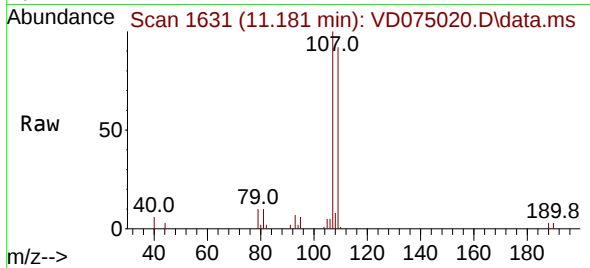
#61
1,2-Dibromoethane
Concen: 20.378 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 23152
Ion Ratio Lower Upper
107 100
109 91.6 76.4 114.6

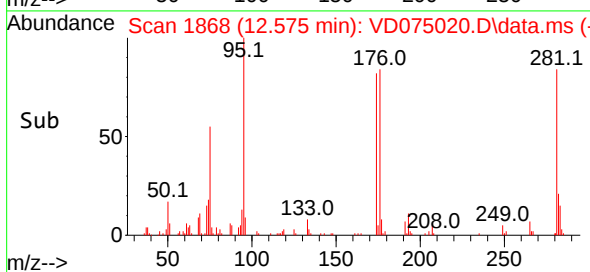
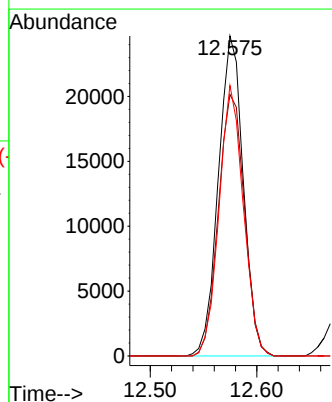
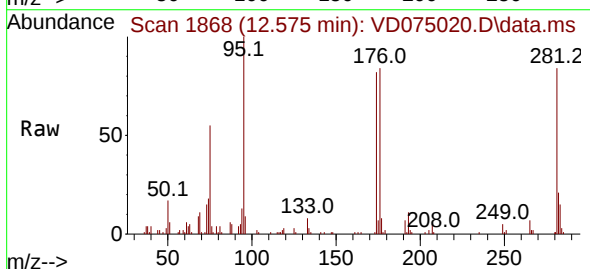
Manual Integrations
APPROVED

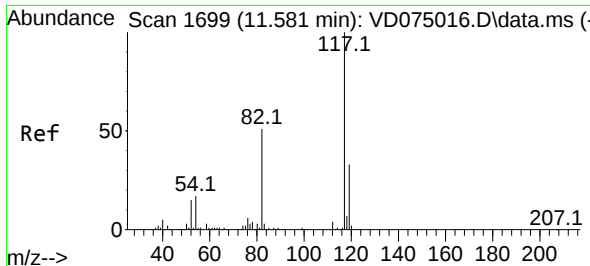
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#62
4-Bromofluorobenzene
Concen: 22.890 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

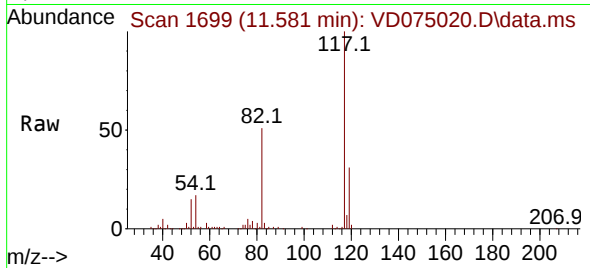
Tgt Ion: 95 Resp: 39949
Ion Ratio Lower Upper
95 100
174 85.5 0.0 171.6
176 82.5 0.0 165.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

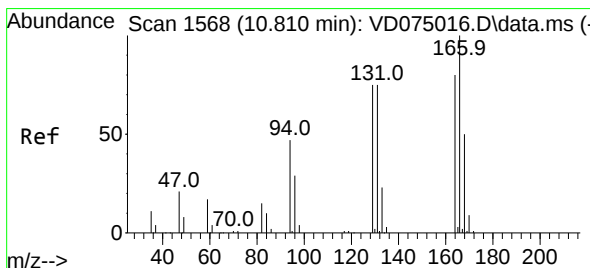
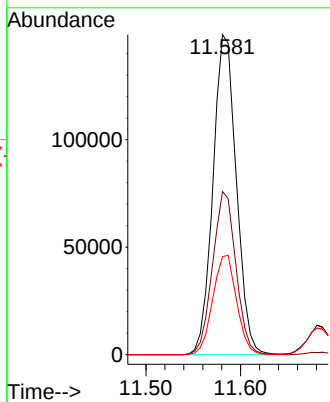
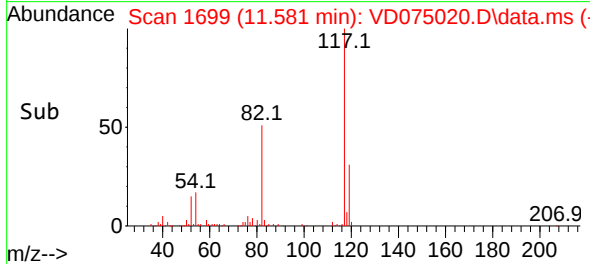
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 255270
Ion Ratio Lower Upper
117 100
82 51.0 40.7 61.1
119 30.7 26.1 39.1

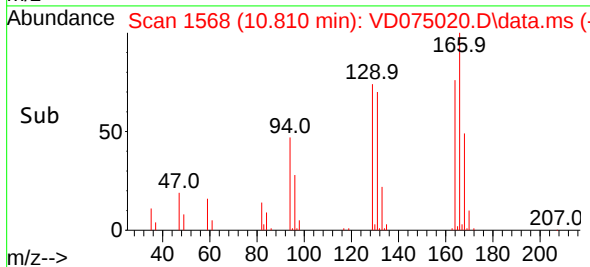
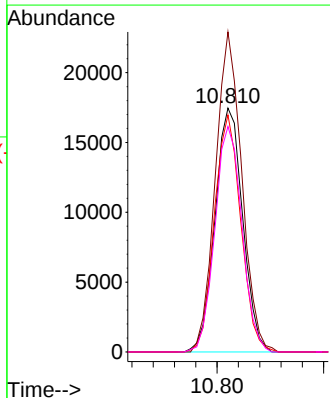
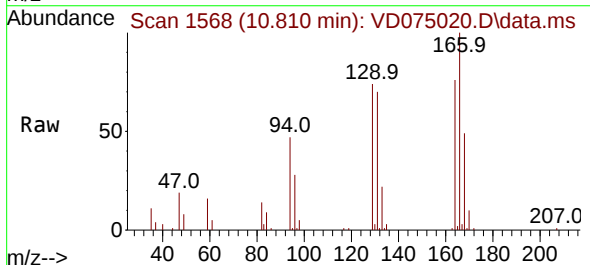
Manual Integrations
APPROVED

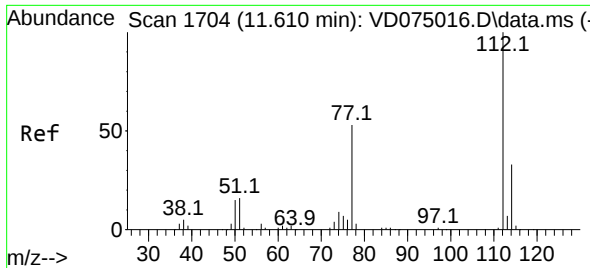
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#64
Tetrachloroethene
Concen: 21.259 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Tgt Ion:164 Resp: 31552
Ion Ratio Lower Upper
164 100
166 131.3 100.3 150.5
129 97.2 74.8 112.2
131 92.5 75.6 113.4





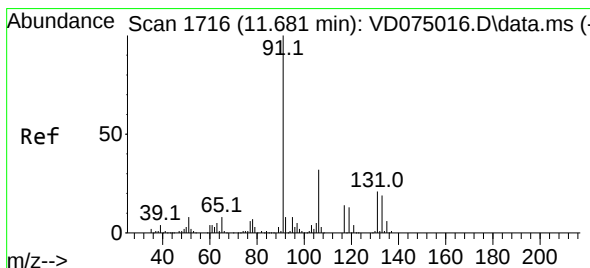
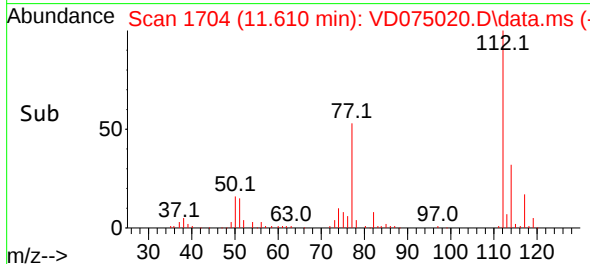
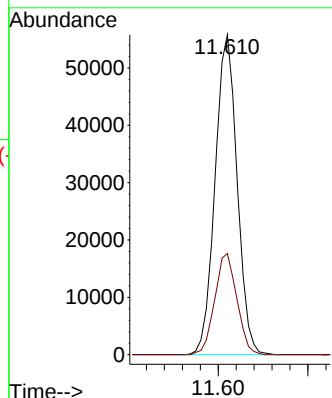
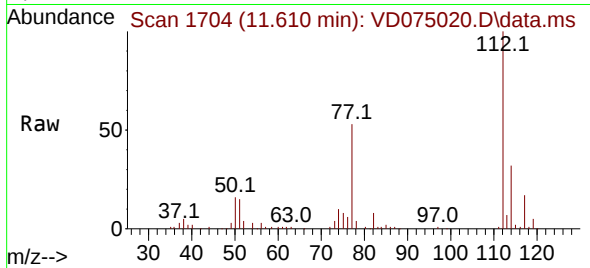
#65
Chlorobenzene
Concen: 20.253 ug/l
RT: 11.610 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 94936
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4

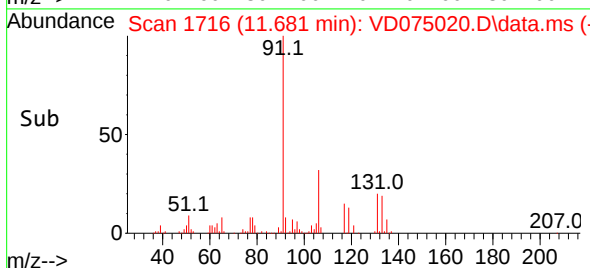
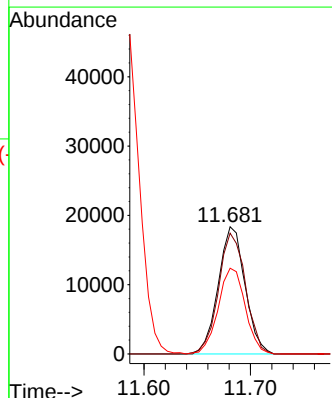
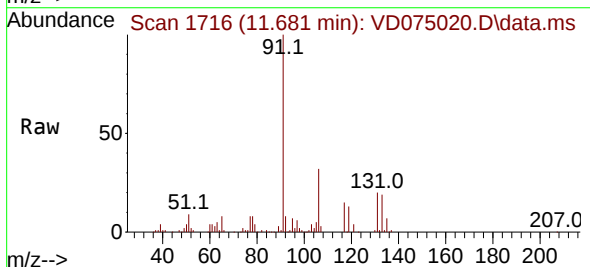
Manual Integrations
APPROVED

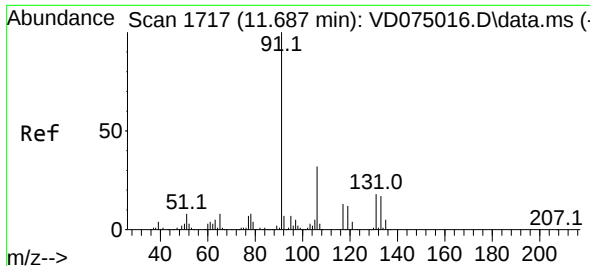
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.442 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

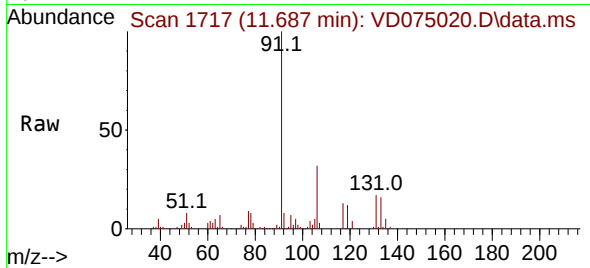
Tgt Ion:131 Resp: 32036
Ion Ratio Lower Upper
131 100
133 95.8 47.0 141.2
119 68.1 33.4 100.1





#67
Ethyl Benzene
Concen: 20.334 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

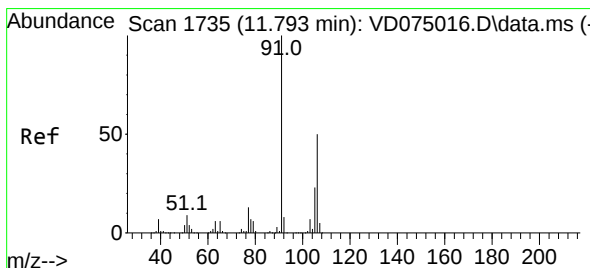
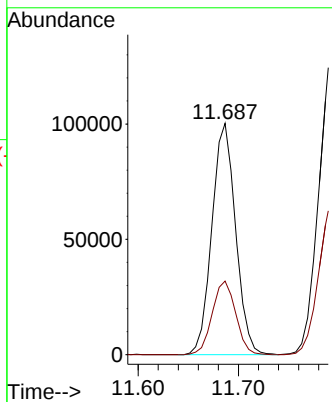
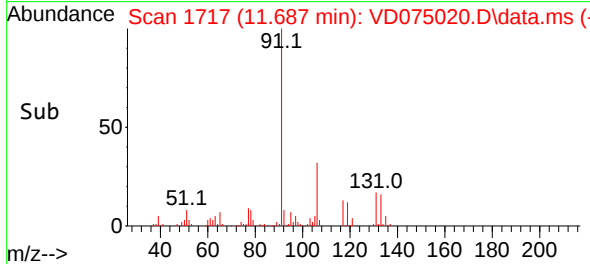
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



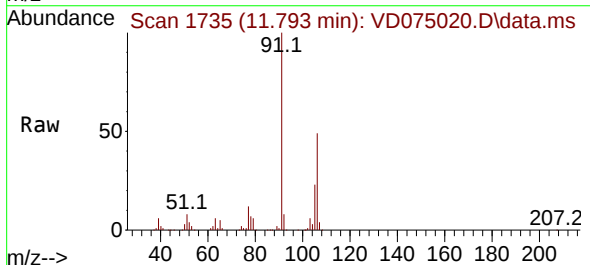
Tgt Ion: 91 Resp: 164679
Ion Ratio Lower Upper
91 100
106 31.8 25.9 38.9

Manual Integrations
APPROVED

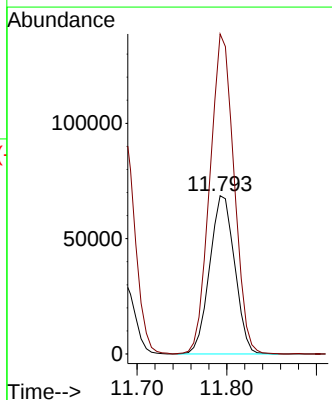
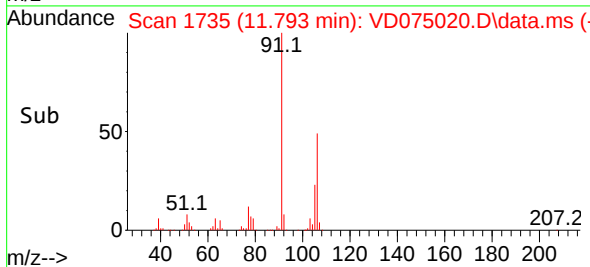
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

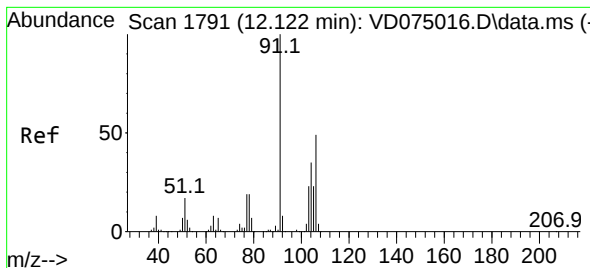


#68
m/p-Xylenes
Concen: 41.767 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53



Tgt Ion:106 Resp: 132734
Ion Ratio Lower Upper
106 100
91 196.1 157.1 235.7





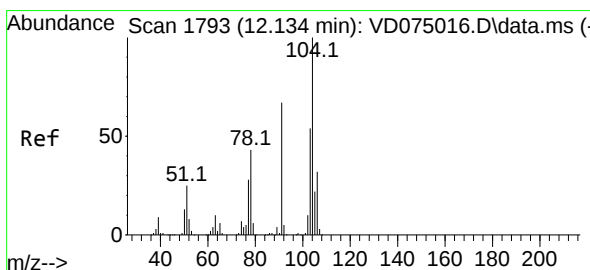
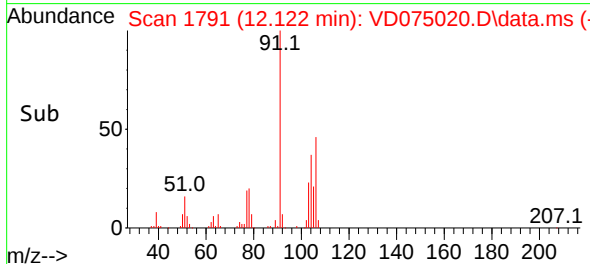
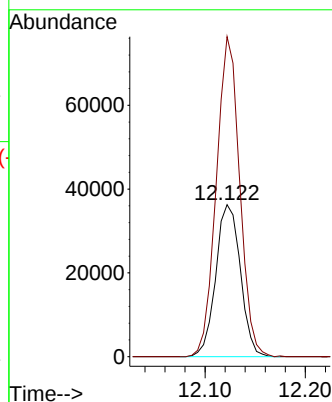
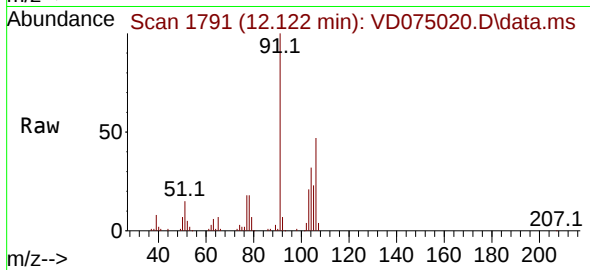
#69
o-Xylene
Concen: 20.499 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 61713
Ion Ratio Lower Upper
106 100
91 200.1 103.4 310.1

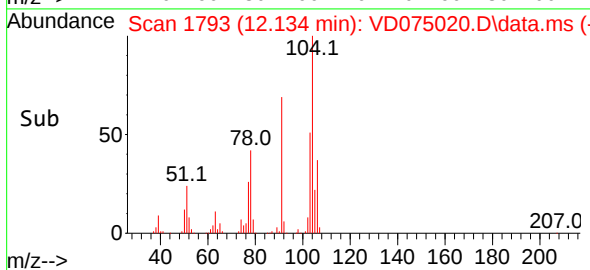
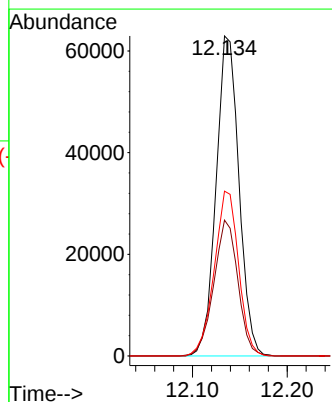
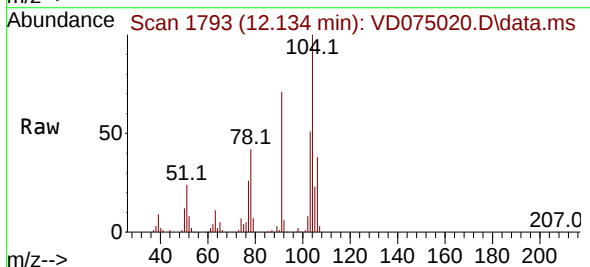
Manual Integrations
APPROVED

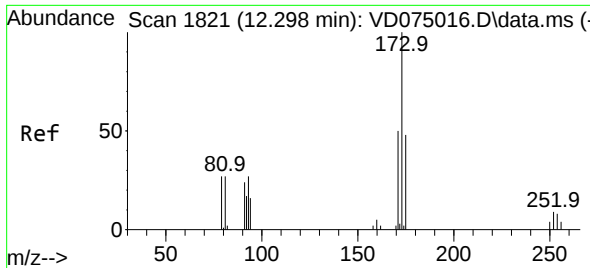
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#70
Styrene
Concen: 20.432 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

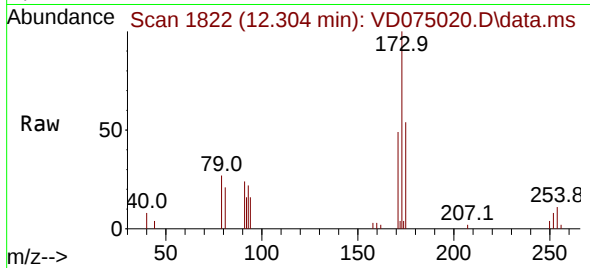
Tgt Ion:104 Resp: 105713
Ion Ratio Lower Upper
104 100
78 44.8 35.9 53.9
103 54.7 44.7 67.1





#71
Bromoform
Concen: 20.155 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

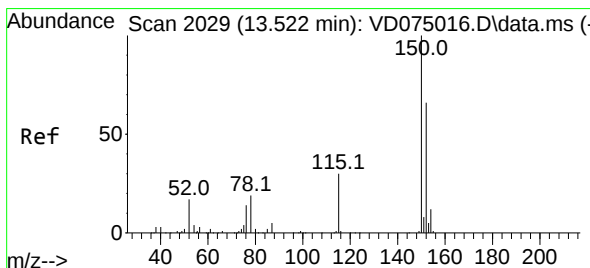
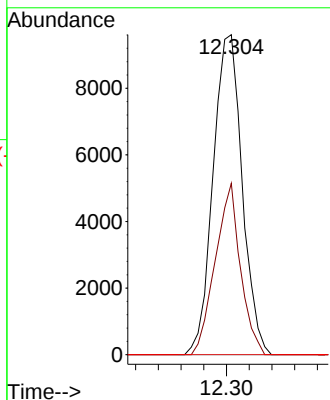
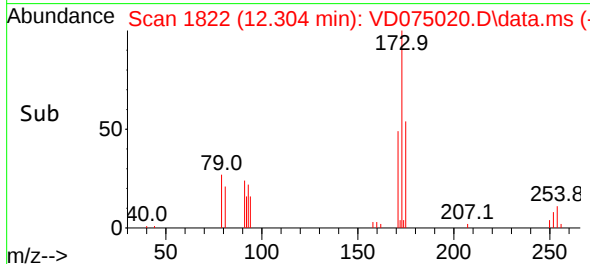
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



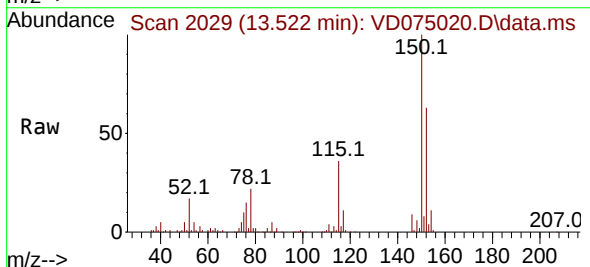
Tgt Ion:173 Resp: 17070
Ion Ratio Lower Upper
173 100
175 46.3 24.1 72.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

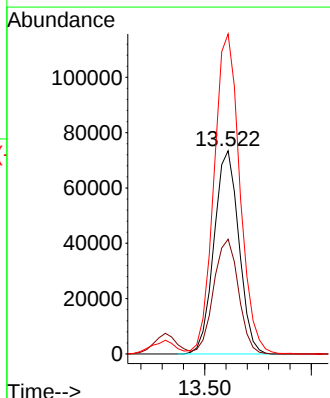
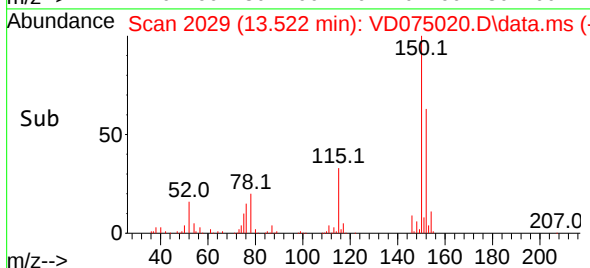
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

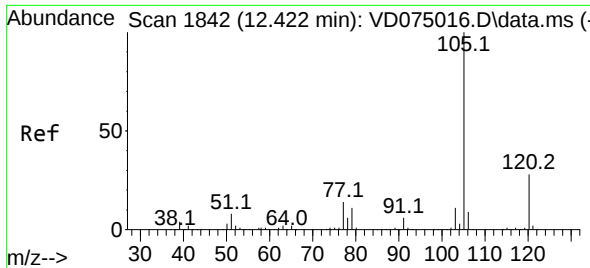


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53



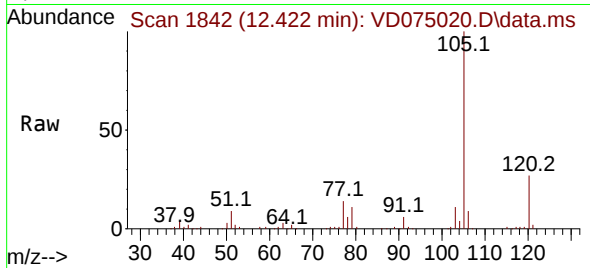
Tgt Ion:152 Resp: 118710
Ion Ratio Lower Upper
152 100
115 56.7 28.0 84.0
150 164.3 0.0 342.0





#73
Isopropylbenzene
Concen: 20.701 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

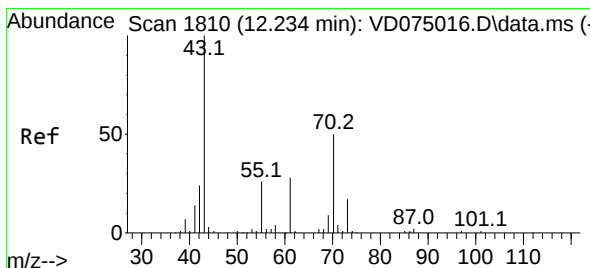
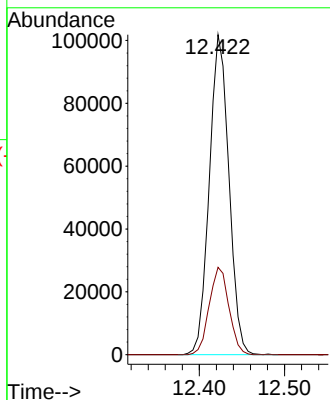
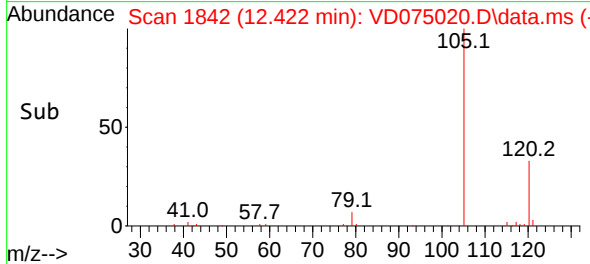
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



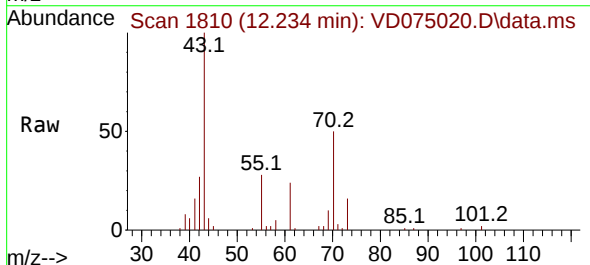
Tgt Ion:105 Resp: 162520
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.4

Manual Integrations
APPROVED

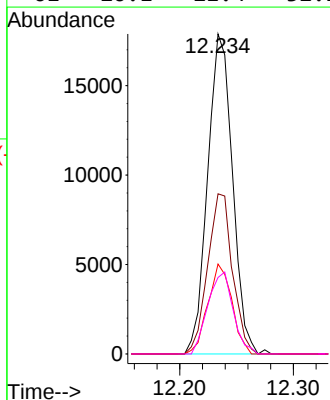
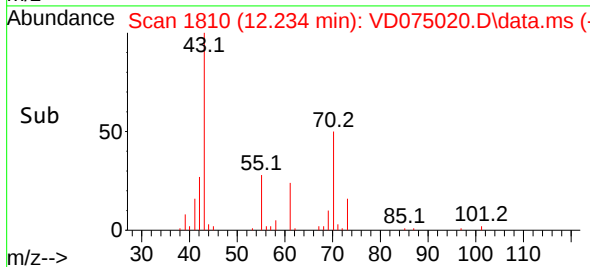
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

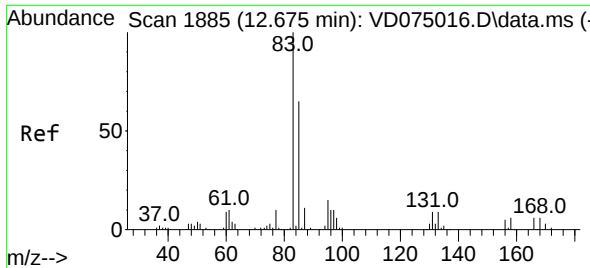


#74
N-ethyl acetate
Concen: 19.849 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53



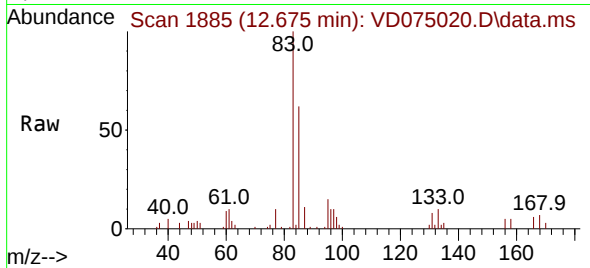
Tgt Ion: 43 Resp: 27232
Ion Ratio Lower Upper
43 100
70 50.0 40.2 60.4
55 27.1 21.6 32.4
61 26.1 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.443 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

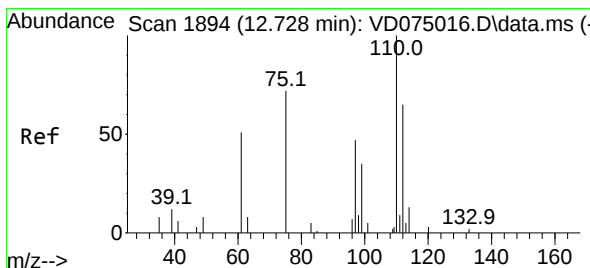
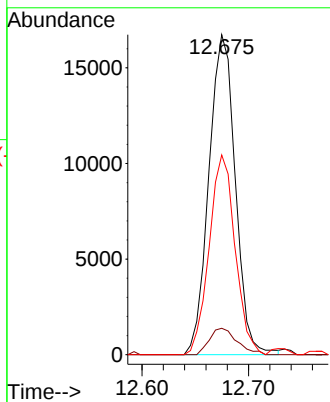
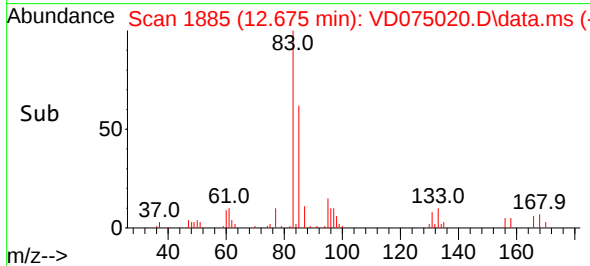
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



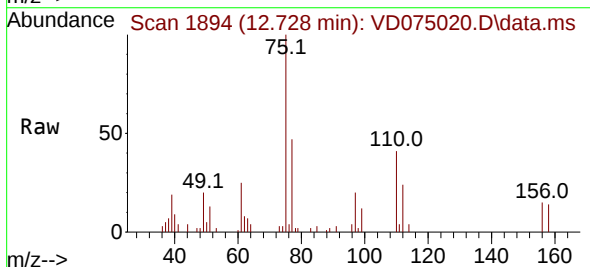
Tgt Ion: 83 Resp: 28849
Ion Ratio Lower Upper
83 100
131 8.6 5.1 15.3
85 61.1 32.5 97.4

Manual Integrations
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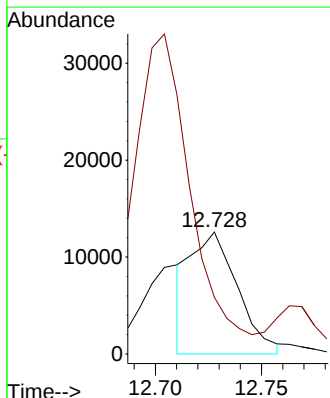
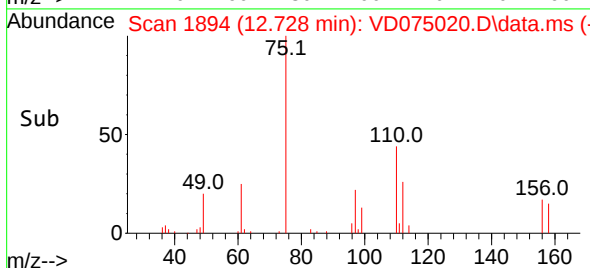
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

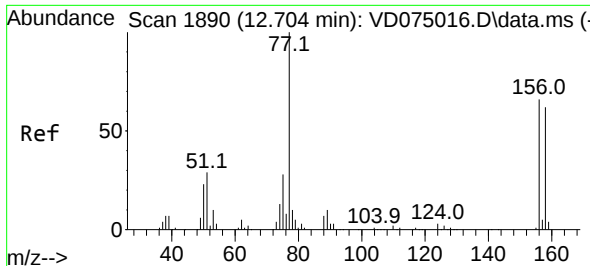


#76
1,2,3-Trichloropropane
Concen: 19.004 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53



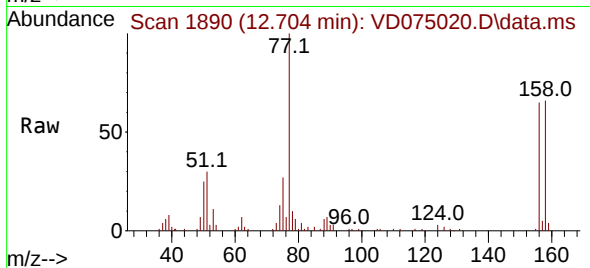
Tgt Ion: 75 Resp: 19587
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.292 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

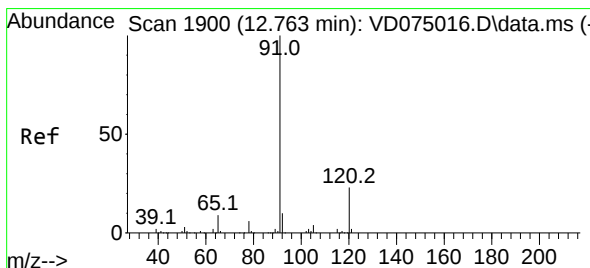
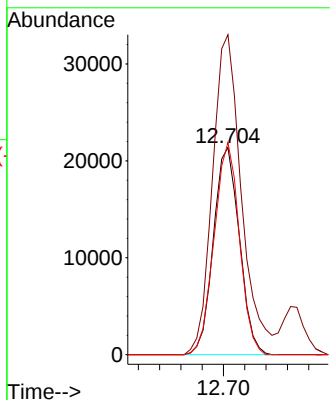
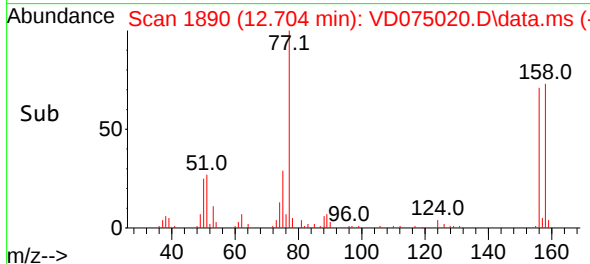
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



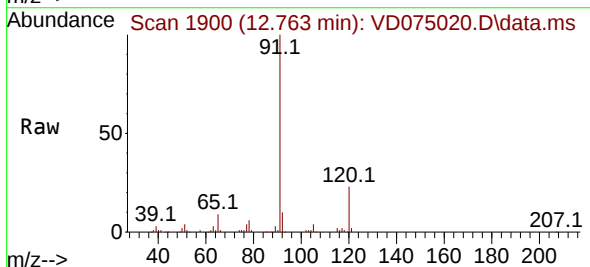
Tgt Ion:156 Resp: 36245
Ion Ratio Lower Upper
156 100
77 171.6 85.7 256.9
158 99.4 47.7 143.1

Manual Integrations
APPROVED

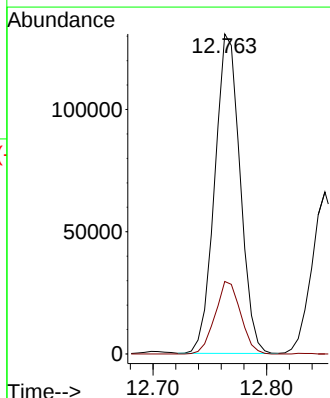
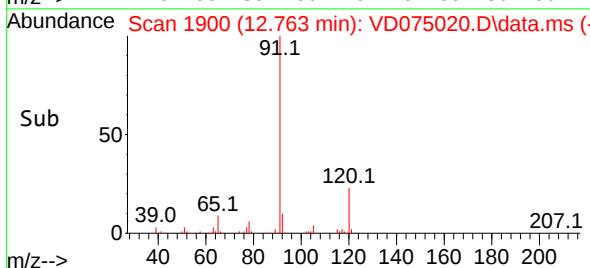
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

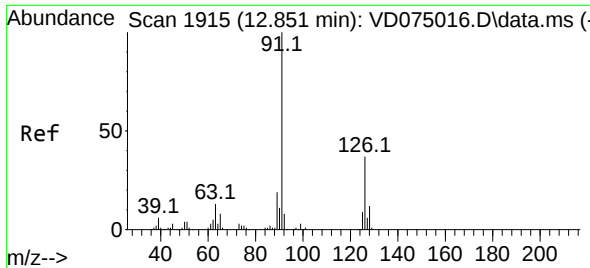


#78
n-propylbenzene
Concen: 21.065 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53



Tgt Ion: 91 Resp: 202468
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8





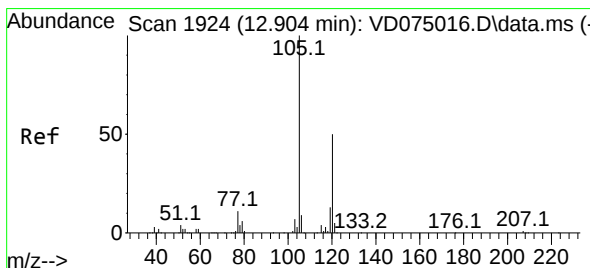
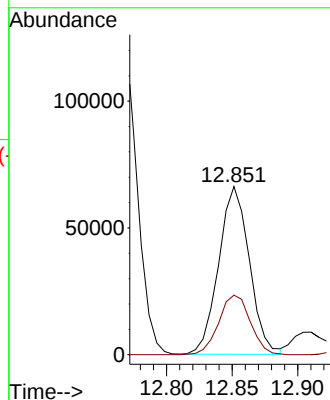
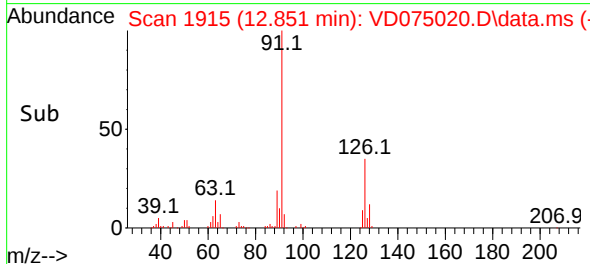
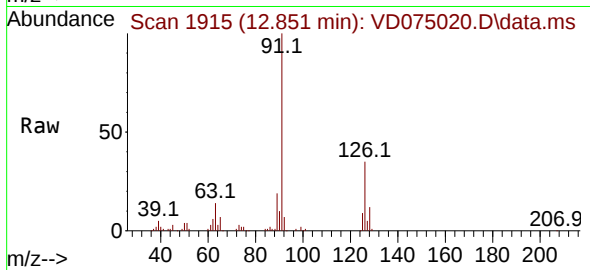
#79
2-Chlorotoluene
Concen: 20.629 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 108020
Ion Ratio Lower Upper
91 100
126 36.4 17.9 53.7

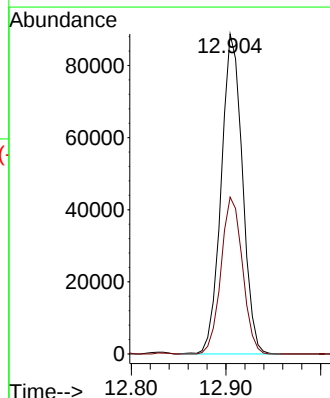
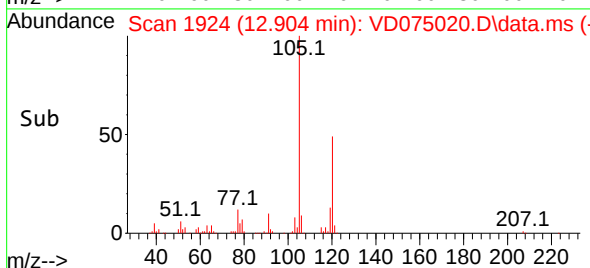
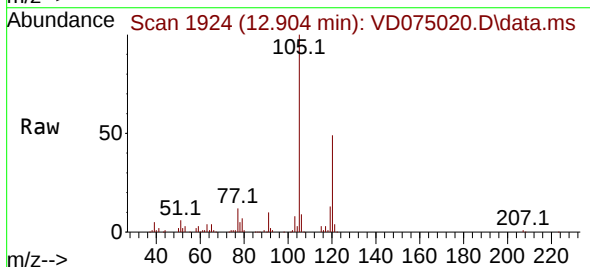
Manual Integrations
APPROVED

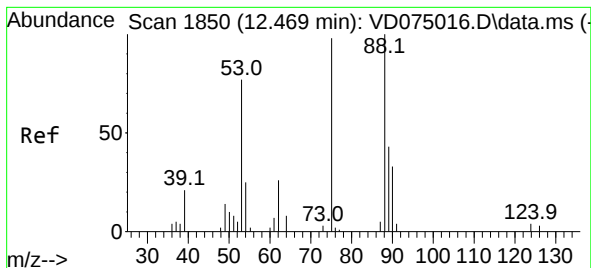
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.282 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

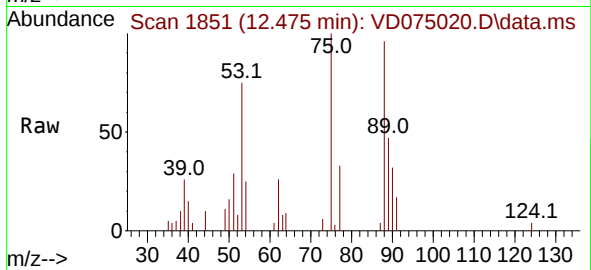
Tgt Ion:105 Resp: 138111
Ion Ratio Lower Upper
105 100
120 49.5 25.1 75.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.995 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

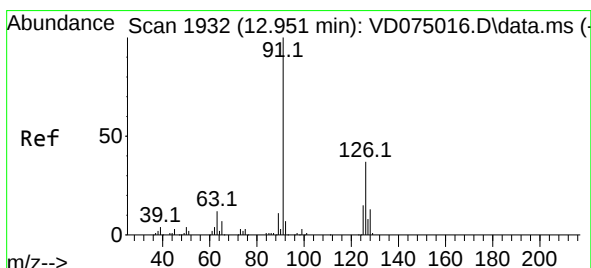
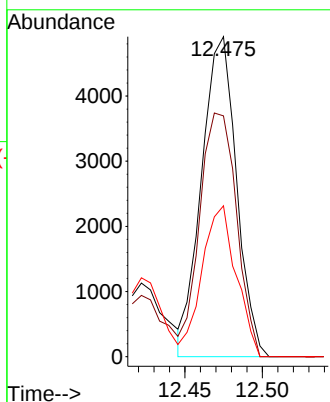
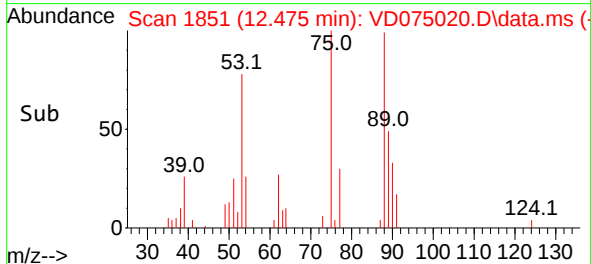
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 770
Ion Ratio Lower Upper
75 100
53 80.2 61.0 91.6
89 46.2 36.9 55.3

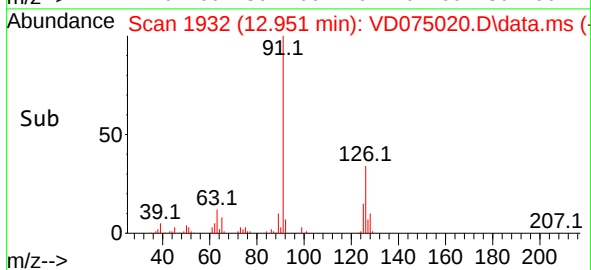
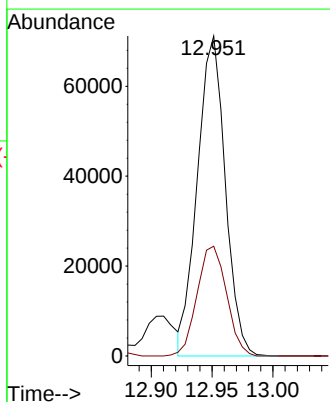
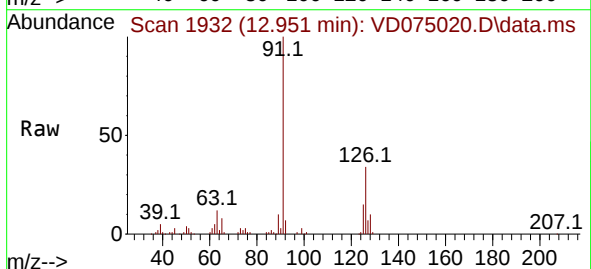
Manual Integrations
APPROVED

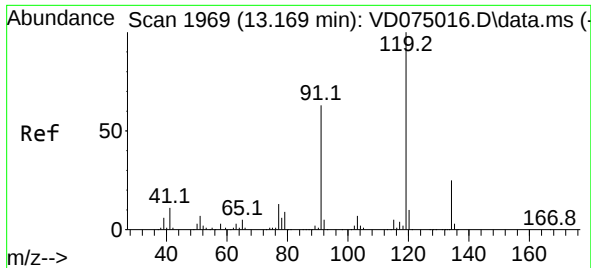
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#82
4-Chlorotoluene
Concen: 20.891 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Tgt Ion: 91 Resp: 113427
Ion Ratio Lower Upper
91 100
126 36.2 18.2 54.6





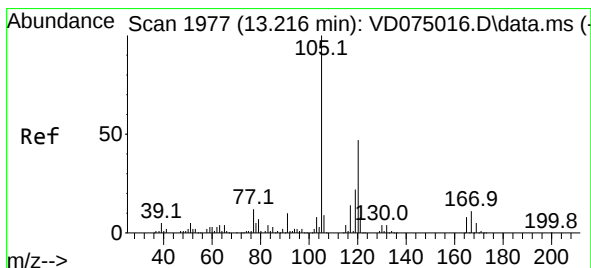
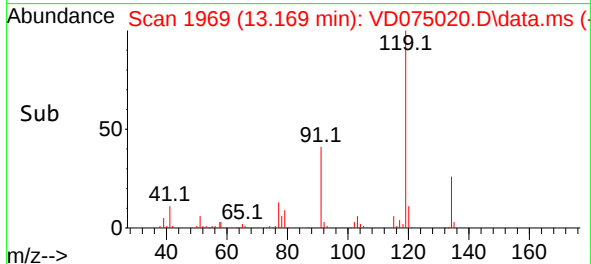
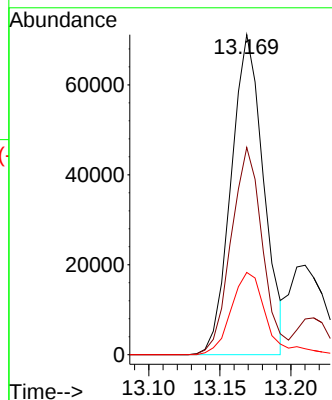
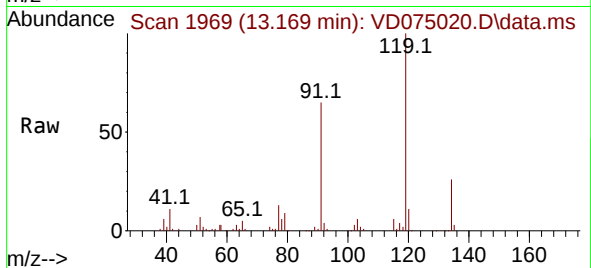
#83
tert-Butylbenzene
Concen: 20.247 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 11314
Ion Ratio Lower Upper
119 100
91 62.9 31.4 94.0
134 27.8 13.6 40.7

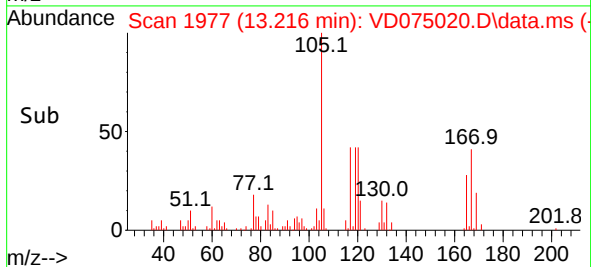
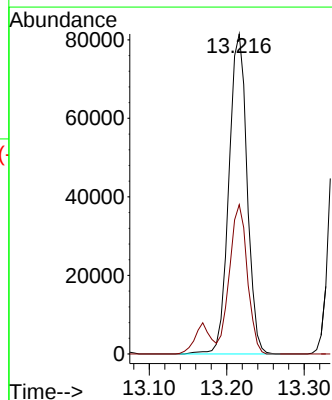
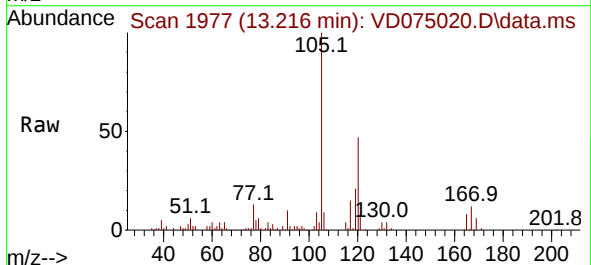
Manual Integrations
APPROVED

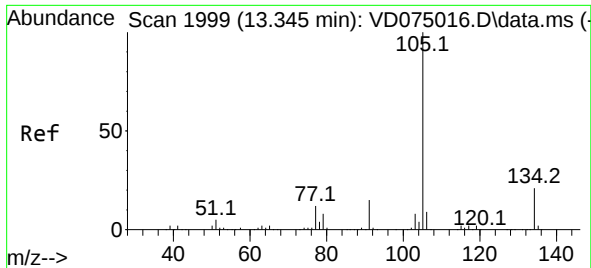
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.664 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Tgt Ion:105 Resp: 132968
Ion Ratio Lower Upper
105 100
120 45.8 23.0 69.0





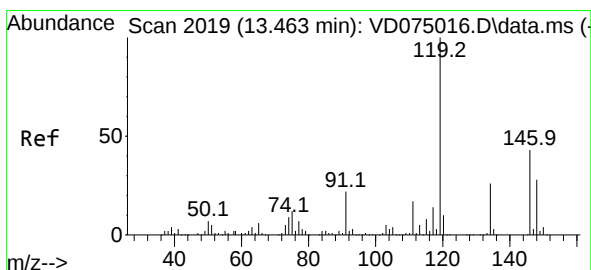
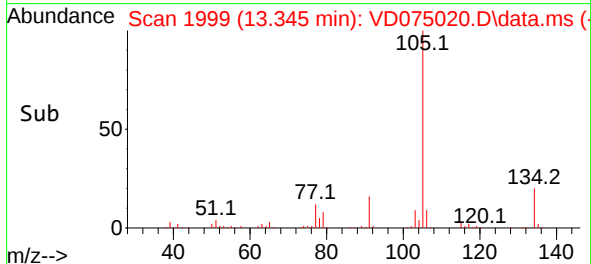
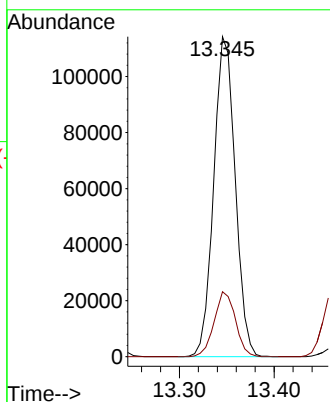
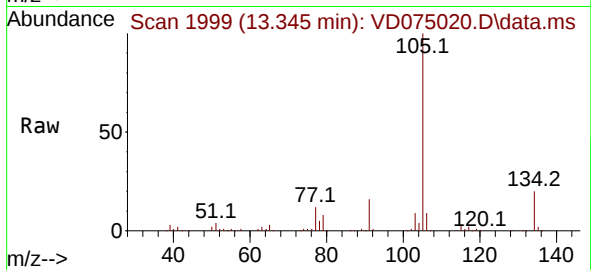
#85
 sec-Butylbenzene
 Concen: 20.702 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD075020.D
 Acq: 14 Dec 2022 13:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 180064
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.8

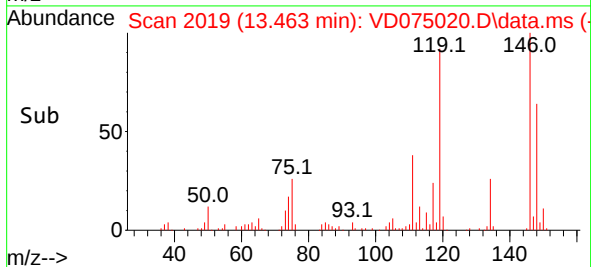
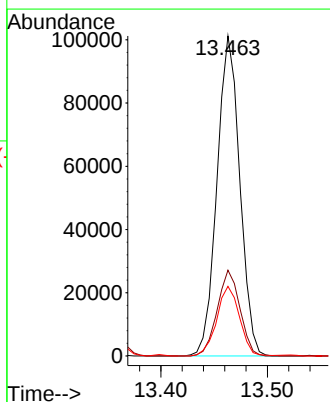
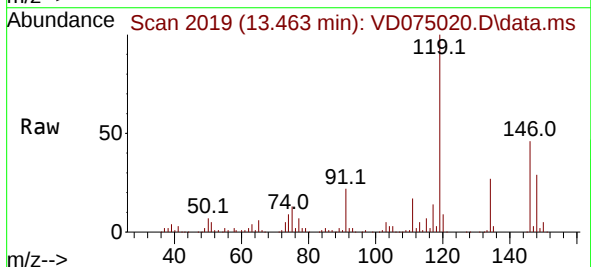
Manual Integrations
 APPROVED

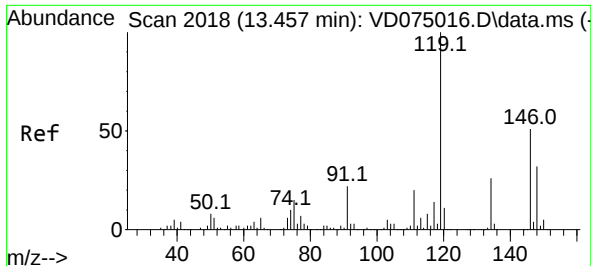
Reviewed By :Krupa Patel 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#86
 p-Isopropyltoluene
 Concen: 20.731 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075020.D
 Acq: 14 Dec 2022 13:53

Tgt Ion:119 Resp: 150250
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 21.8 11.1 33.1





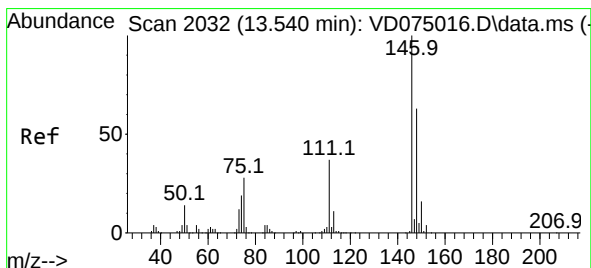
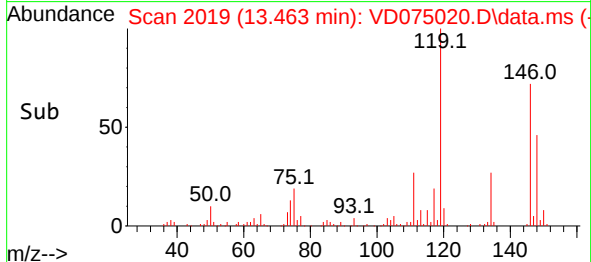
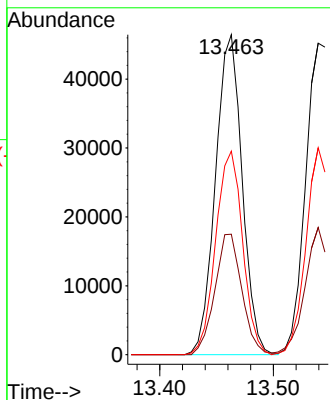
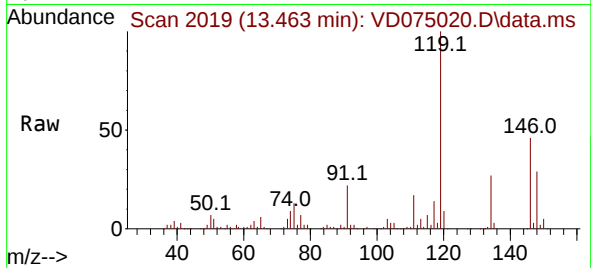
#87
1,3-Dichlorobenzene
Concen: 20.109 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 7591
Ion Ratio Lower Upper
146 100
111 38.1 19.3 57.8
148 64.2 31.8 95.4

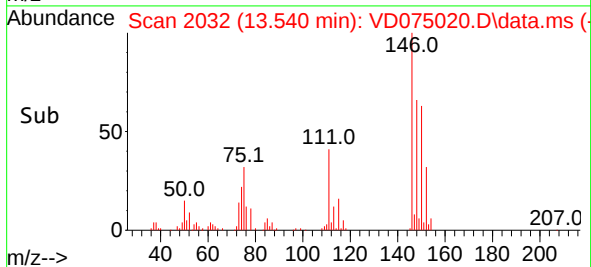
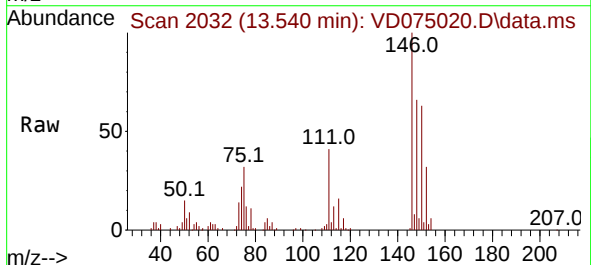
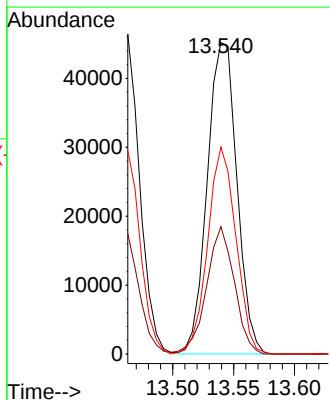
Manual Integrations
APPROVED

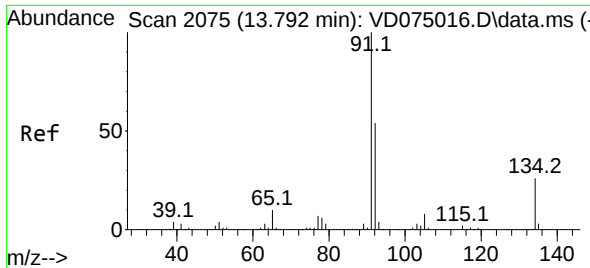
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#88
1,4-Dichlorobenzene
Concen: 20.604 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Tgt Ion:146 Resp: 76769
Ion Ratio Lower Upper
146 100
111 38.3 18.5 55.5
148 63.3 31.6 94.7





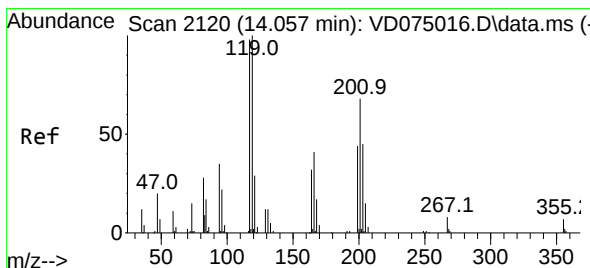
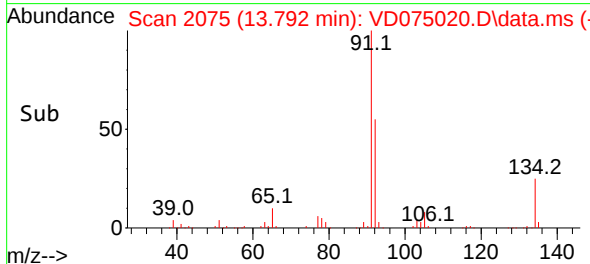
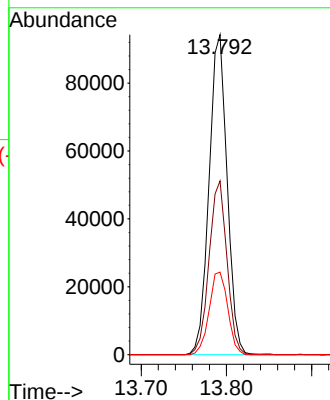
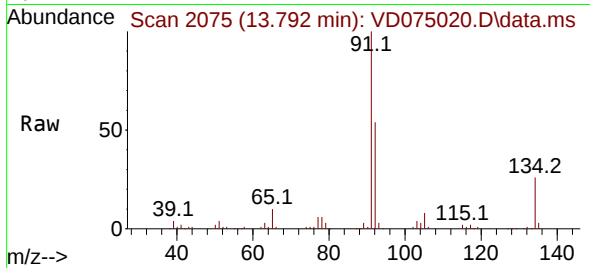
#89
n-Butylbenzene
Concen: 20.475 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 138725
Ion Ratio Lower Upper
91 100
92 53.7 26.4 79.2
134 26.5 13.1 39.3

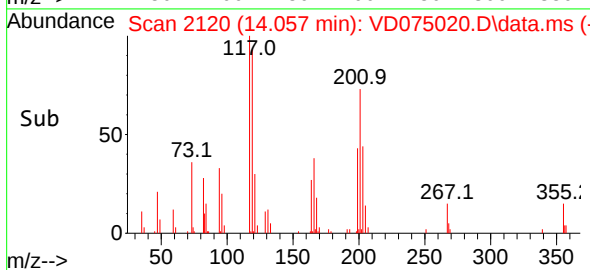
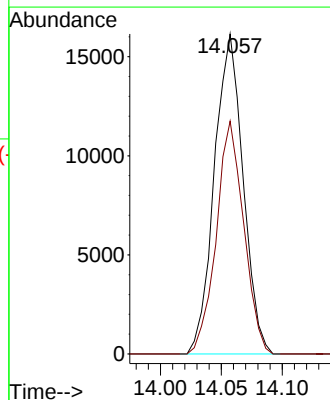
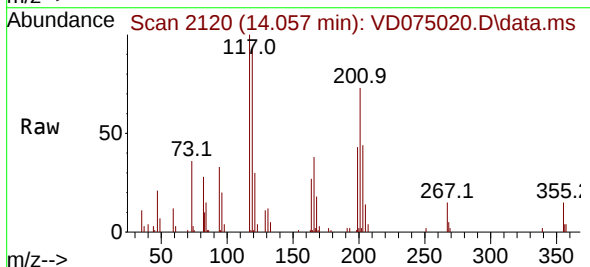
Manual Integrations
APPROVED

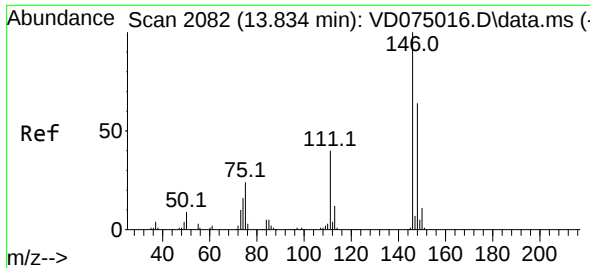
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#90
Hexachloroethane
Concen: 20.576 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Tgt Ion:117 Resp: 26497
Ion Ratio Lower Upper
117 100
201 69.6 34.1 102.3





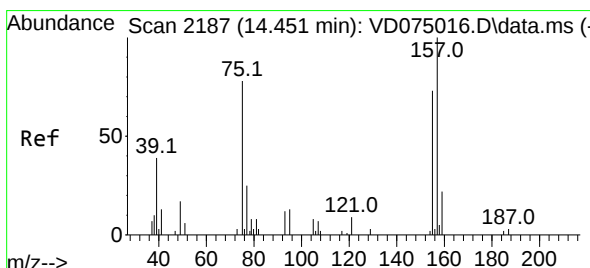
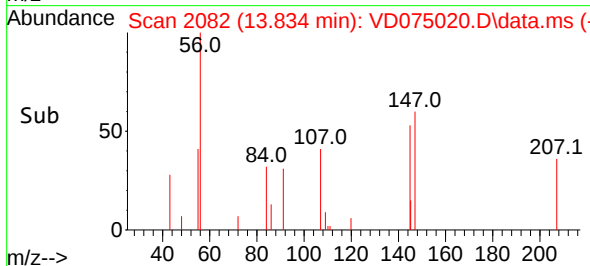
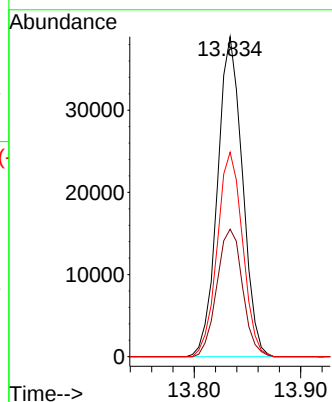
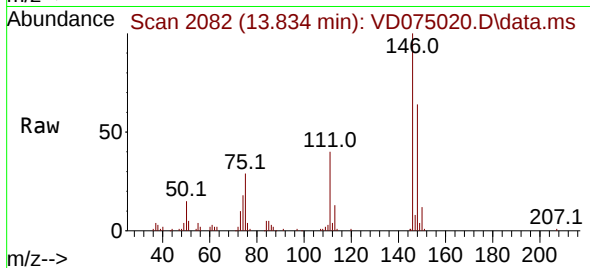
#91
1,2-Dichlorobenzene
Concen: 19.660 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 63352
Ion Ratio Lower Upper
146 100
111 41.0 19.6 58.7
148 64.9 31.3 93.8

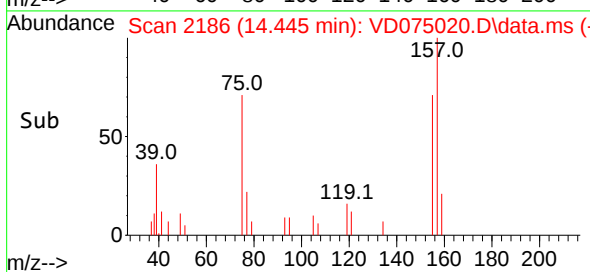
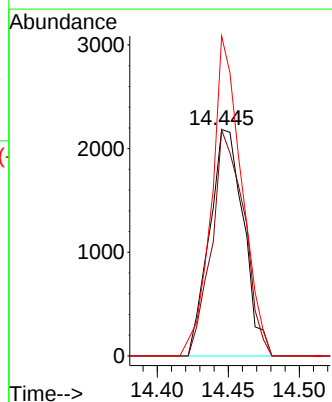
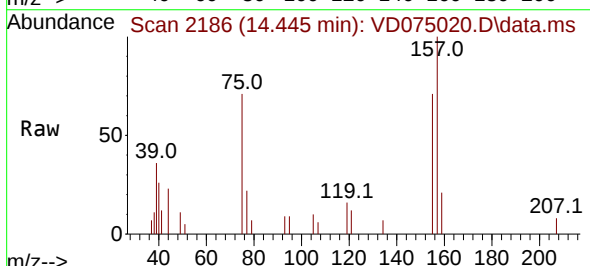
Manual Integrations
APPROVED

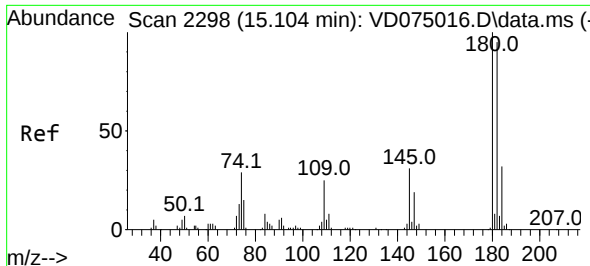
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.527 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

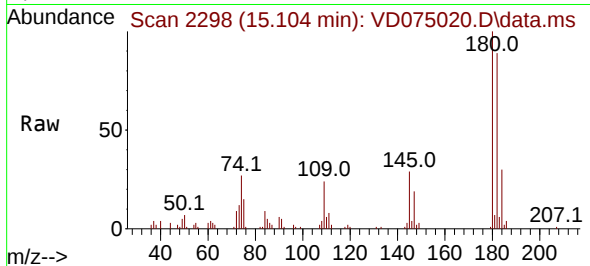
Tgt Ion: 75 Resp: 3650
Ion Ratio Lower Upper
75 100
155 94.5 47.6 142.9
157 124.2 60.5 181.4





#93
1,2,4-Trichlorobenzene
Concen: 20.146 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

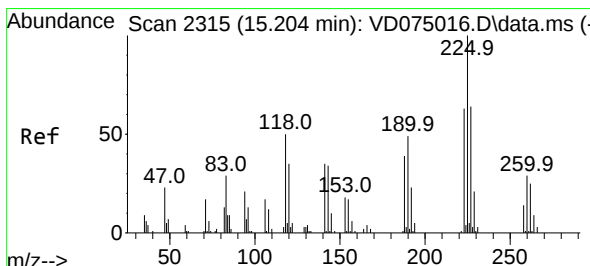
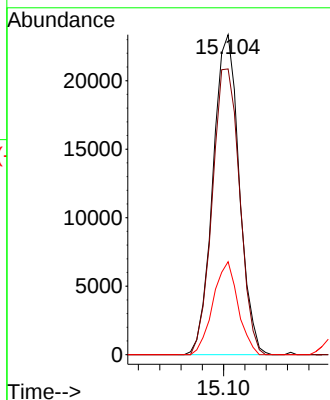
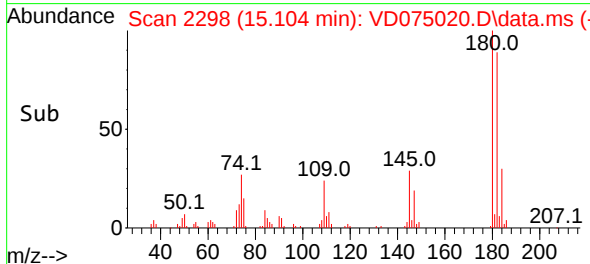
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



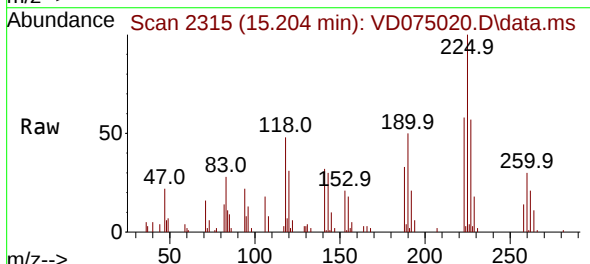
Tgt Ion:180 Resp: 4001
Ion Ratio Lower Upper
180 100
182 92.6 47.1 141.4
145 27.6 14.8 44.4

Manual Integrations
APPROVED

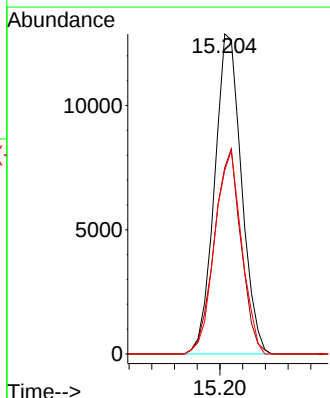
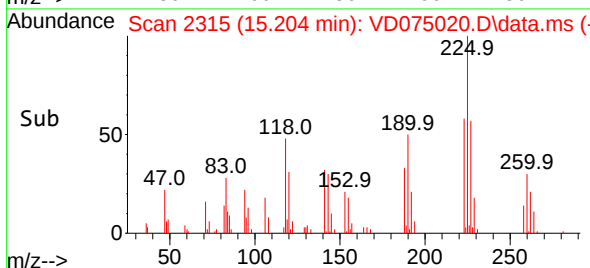
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

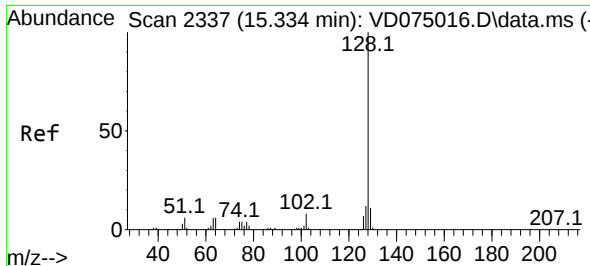


#94
Hexachlorobutadiene
Concen: 20.753 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53



Tgt Ion:225 Resp: 21225
Ion Ratio Lower Upper
225 100
223 63.3 32.3 96.9
227 63.4 31.8 95.4





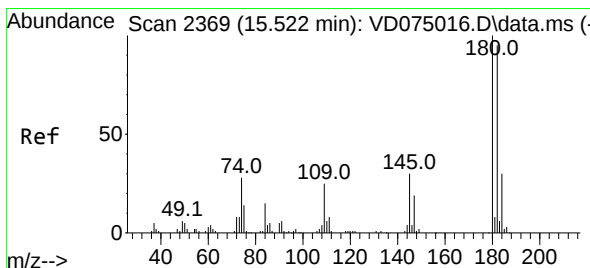
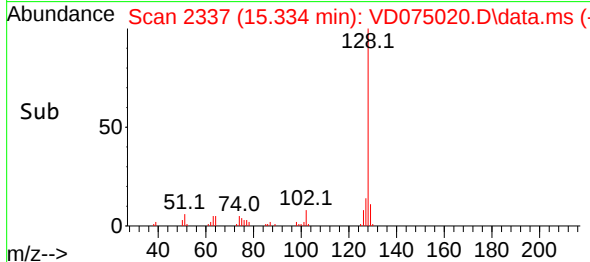
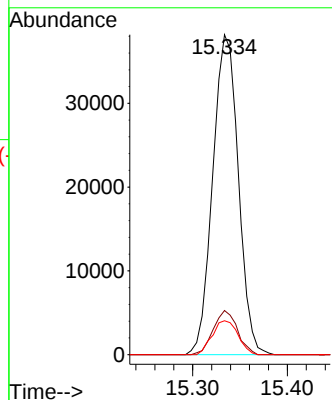
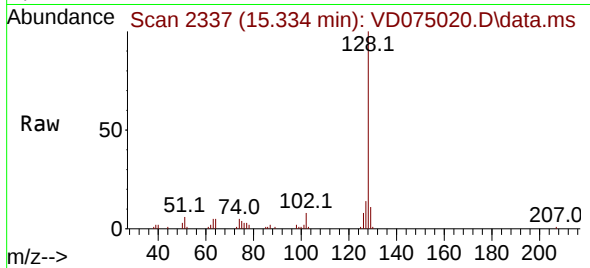
#95
Naphthalene
Concen: 19.104 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 7176
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.446 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075020.D
Acq: 14 Dec 2022 13:53

Tgt Ion:180 Resp: 34442
Ion Ratio Lower Upper
180 100
182 92.8 47.6 142.8
145 30.8 15.8 47.4

