

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
 Data File : VD075333.D
 Acq On : 14 Feb 2023 09:56
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 15 04:18:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	47235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	75850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	71860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	36275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	28091	50.718	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.440%	
35) Dibromofluoromethane	7.810	113	28668	53.902	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.800%	
50) Toluene-d8	10.269	98	103464	51.296	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.600%	
62) 4-Bromofluorobenzene	12.575	95	34674	52.135	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.280%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	18197	47.715	ug/l	98
3) Chloromethane	2.146	50	33881	52.020	ug/l	96
4) Vinyl Chloride	2.281	62	36421	46.347	ug/l	99
5) Bromomethane	2.687	94	23013	45.771	ug/l	100
6) Chloroethane	2.834	64	26224	48.373	ug/l	96
7) Trichlorofluoromethane	3.175	101	46957	48.058	ug/l	96
8) Diethyl Ether	3.593	74	13181	50.183	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.969	101	28578	51.542	ug/l	99
10) Methyl Iodide	4.163	142	32710	48.729	ug/l	93
11) Tert butyl alcohol	5.052	59	7559	230.253	ug/l #	97
12) 1,1-Dichloroethene	3.940	96	26533	50.188	ug/l	97
13) Acrolein	3.793	56	3558	200.236	ug/l	85
14) Allyl chloride	4.563	41	44478	50.566	ug/l	93
15) Acrylonitrile	5.252	53	31539	259.481	ug/l	99
16) Acetone	4.022	43	39582	270.268	ug/l	99
17) Carbon Disulfide	4.269	76	78399	48.068	ug/l	100
18) Methyl Acetate	4.563	43	19231	49.355	ug/l	96
19) Methyl tert-butyl Ether	5.322	73	62978	51.886	ug/l	95
20) Methylene Chloride	4.805	84	31673	51.514	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	30629	51.198	ug/l	99
22) Diisopropyl ether	6.216	45	92969	53.138	ug/l	98
23) Vinyl Acetate	6.157	43	183175m	305.599	ug/l	
24) 1,1-Dichloroethane	6.110	63	55916	51.262	ug/l	98
25) 2-Butanone	7.081	43	45771	252.226	ug/l	97
26) 2,2-Dichloropropane	7.075	77	50398	52.198	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	34601	51.697	ug/l	97
28) Bromochloromethane	7.428	49	15096	55.934	ug/l	94
29) Tetrahydrofuran	7.446	42	25191	257.792	ug/l	94
30) Chloroform	7.599	83	58991	52.543	ug/l	91
31) Cyclohexane	7.875	56	45891	46.661	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	50855	50.639	ug/l	96
36) 1,1-Dichloropropene	8.010	75	43104	52.026	ug/l	99
37) Ethyl Acetate	7.163	43	18572	51.398	ug/l #	93
38) Carbon Tetrachloride	7.993	117	44872	58.448	ug/l	99
39) Methylcyclohexane	9.275	83	48639	50.719	ug/l	98
40) Benzene	8.252	78	122341	52.540	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	10360	48.063	ug/l	92
42) 1,2-Dichloroethane	8.328	62	36200	53.697	ug/l	99
43) Isopropyl Acetate	8.357	43	35208	50.994	ug/l	97
44) Trichloroethene	9.028	130	32733	50.996	ug/l	96
45) 1,2-Dichloropropane	9.304	63	33012	55.823	ug/l	96
46) Dibromomethane	9.393	93	17340	52.911	ug/l	96
47) Bromodichloromethane	9.587	83	44731	54.843	ug/l	99
48) Methyl methacrylate	9.381	41	17476	53.298	ug/l	95
49) 1,4-Dioxane	9.381	88	3183	1018.185	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	92462	264.895	ug/l	95
52) Toluene	10.334	92	79690	54.334	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	38248	54.138	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	45804	54.227	ug/l	91
55) 1,1,2-Trichloroethane	10.734	97	22729	54.331	ug/l	98
56) Ethyl methacrylate	10.598	69	26342	54.163	ug/l	93
57) 1,3-Dichloropropane	10.881	76	38406	53.891	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	28363	202.996	ug/l	98
59) 2-Hexanone	10.922	43	67381	264.226	ug/l	96
60) Dibromochloromethane	11.075	129	28704	55.380	ug/l	100
61) 1,2-Dibromoethane	11.181	107	21278	52.749	ug/l	97
64) Tetrachloroethene	10.810	164	27421	49.545	ug/l	93
65) Chlorobenzene	11.610	112	83488	51.518	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	31849	53.980	ug/l	95
67) Ethyl Benzene	11.687	91	155284	51.902	ug/l	99
68) m/p-Xylenes	11.793	106	120100	105.529	ug/l	98
69) o-Xylene	12.122	106	55752	52.445	ug/l	95
70) Styrene	12.140	104	95121	52.823	ug/l	97
71) Bromoform	12.304	173	16343	51.568	ug/l #	96
73) Isopropylbenzene	12.422	105	152038	51.737	ug/l	98
74) N-amyl acetate	12.240	43	32670	49.473	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	27020	52.849	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	21120m	51.258	ug/l	
77) Bromobenzene	12.704	156	33199	49.890	ug/l	96
78) n-propylbenzene	12.763	91	190448	52.083	ug/l	98
79) 2-Chlorotoluene	12.851	91	103494	51.599	ug/l	99
80) 1,3,5-Trimethylbenzene	12.910	105	129060	52.745	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	5993	47.330	ug/l	95
82) 4-Chlorotoluene	12.951	91	108037	51.636	ug/l	99
83) tert-Butylbenzene	13.169	119	109106	51.722	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	129242	52.884	ug/l	97
85) sec-Butylbenzene	13.351	105	168651	52.115	ug/l	99
86) p-Isopropyltoluene	13.463	119	140832	53.200	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	71181	52.923	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	70598	52.457	ug/l	99
89) n-Butylbenzene	13.792	91	134481	52.036	ug/l	99
90) Hexachloroethane	14.057	117	27024	51.781	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	60197	51.582	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4105	51.766	ug/l	99
93) 1,2,4-Trichlorobenzene	15.104	180	36608	50.086	ug/l	96
94) Hexachlorobutadiene	15.210	225	19400	50.309	ug/l	96
95) Naphthalene	15.339	128	68279	50.190	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	33204	52.652	ug/l	99

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Response via : Initial Calibration

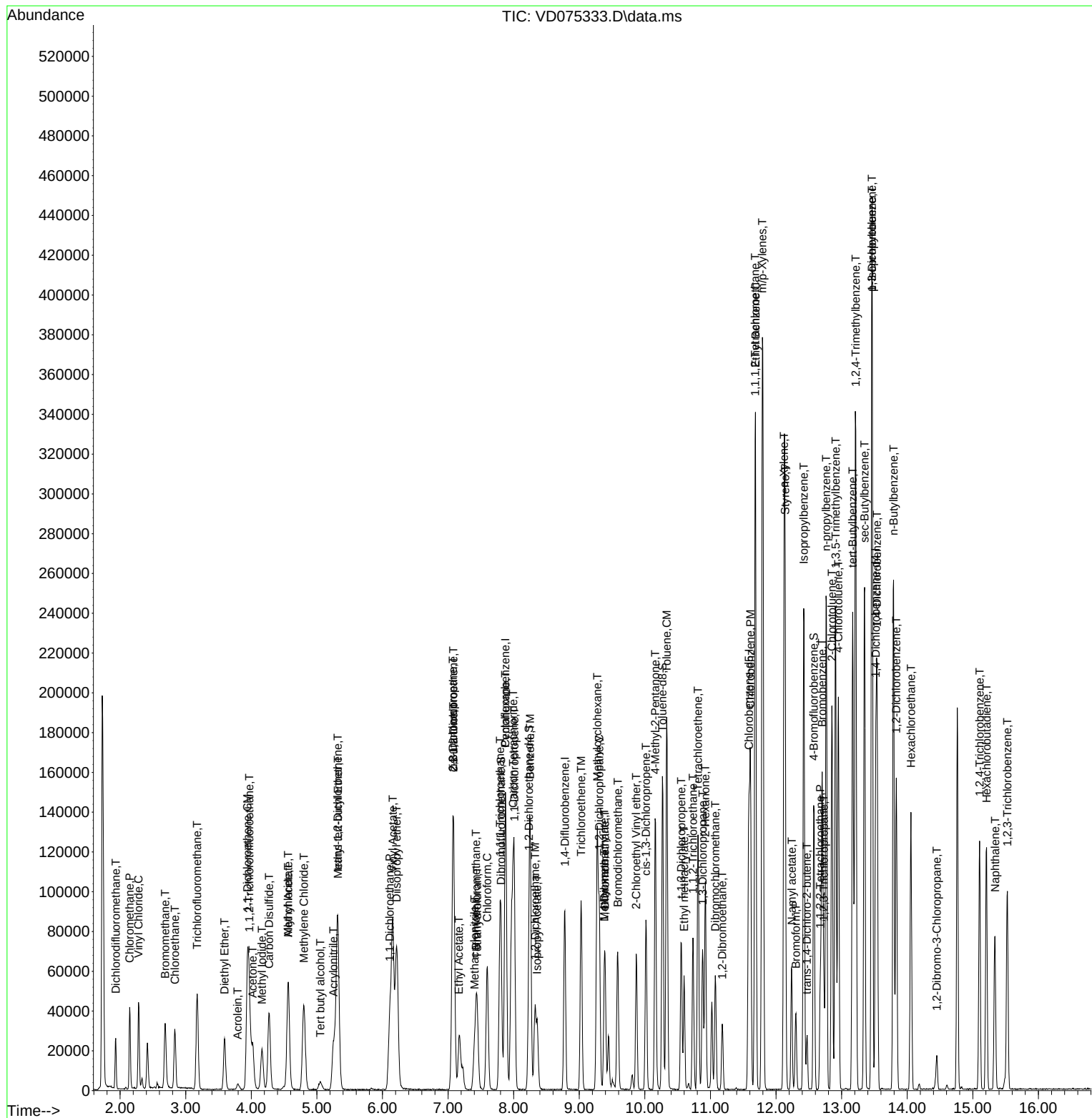
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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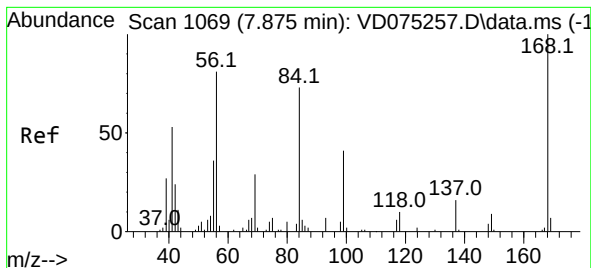
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD075333.D

Acq: 14 Feb 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

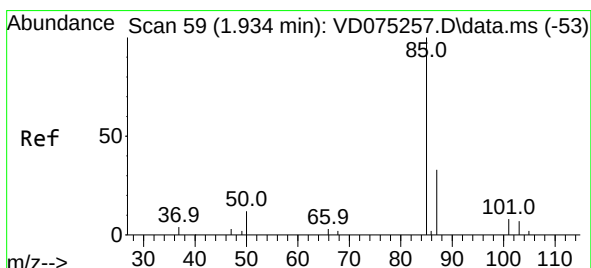
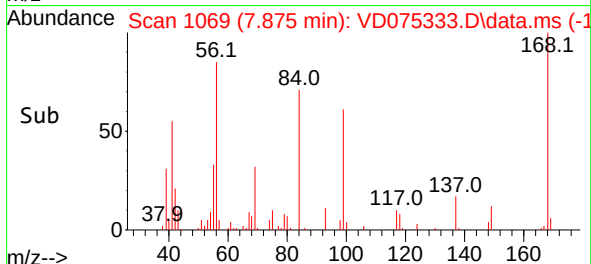
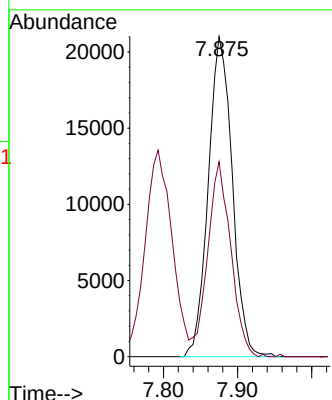
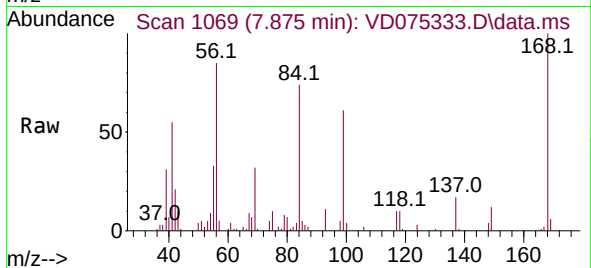
VSTDCCC050

Tgt Ion:168 Resp: 47235

Ion Ratio Lower Upper

168 100

99 60.2 45.2 67.8



#2

Dichlorodifluoromethane

Concen: 47.715 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD075333.D

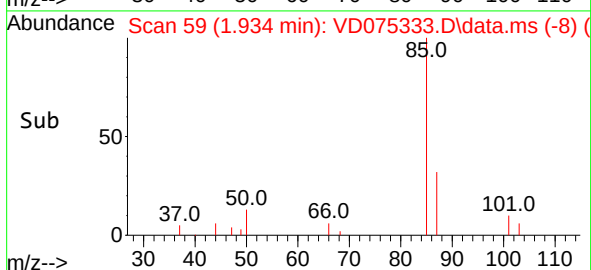
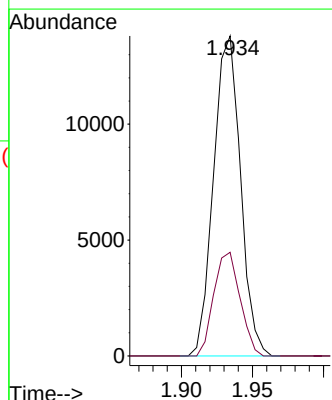
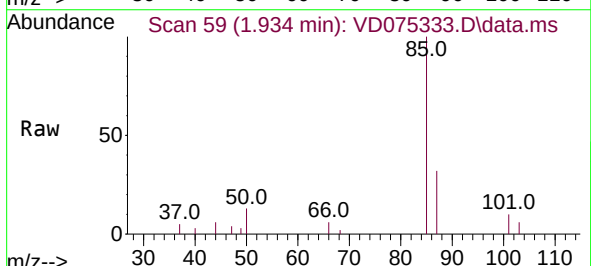
Acq: 14 Feb 2023 09:56

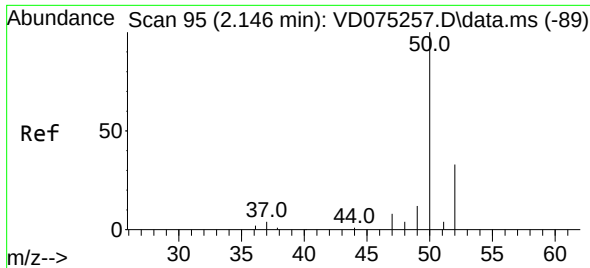
Tgt Ion: 85 Resp: 18197

Ion Ratio Lower Upper

85 100

87 32.4 15.7 47.0

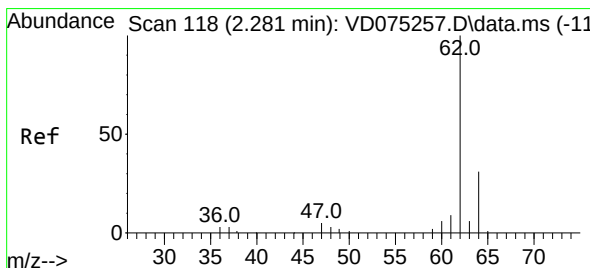
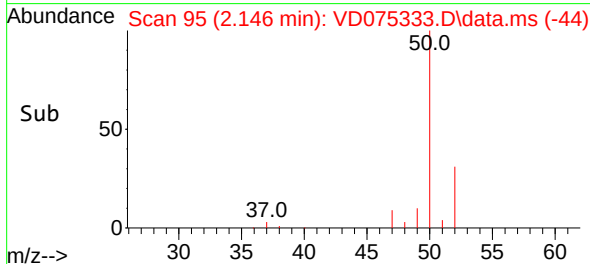
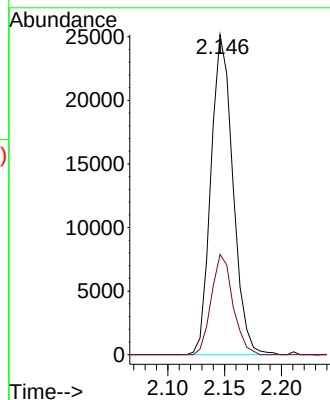
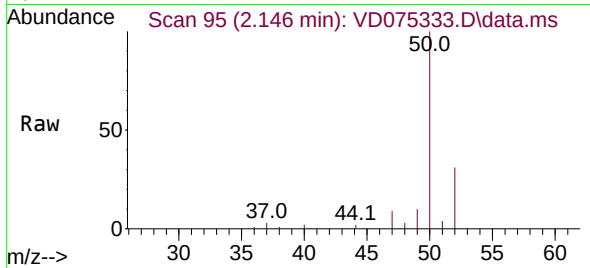




#3
Chloromethane
Concen: 52.020 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

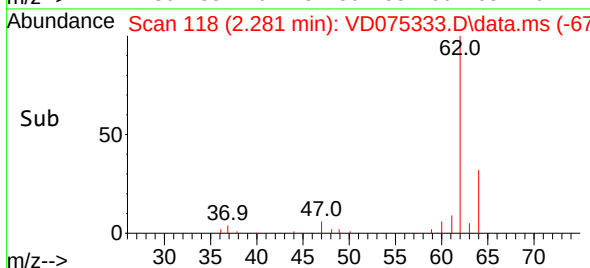
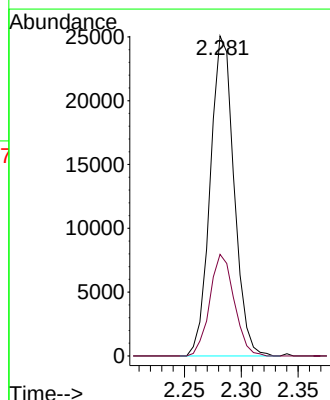
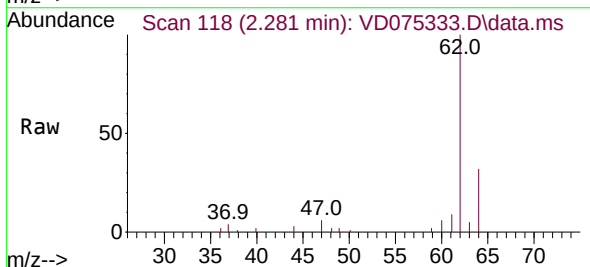
Instrument :
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ClientSampleId :
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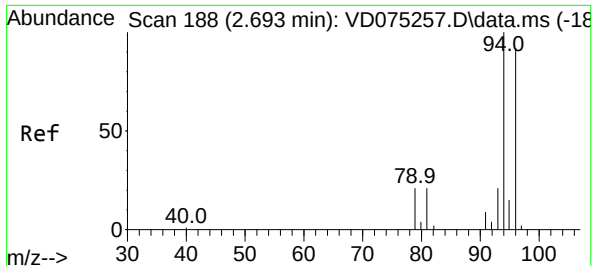
Tgt Ion: 50 Resp: 33881
Ion Ratio Lower Upper
50 100
52 31.3 27.0 40.6



#4
Vinyl Chloride
Concen: 46.347 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion: 62 Resp: 36421
Ion Ratio Lower Upper
62 100
64 31.8 24.8 37.2

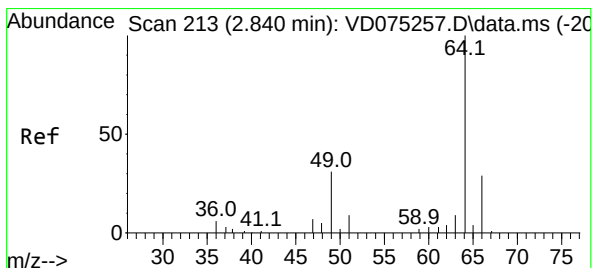
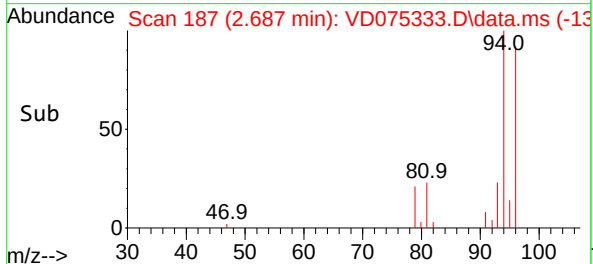
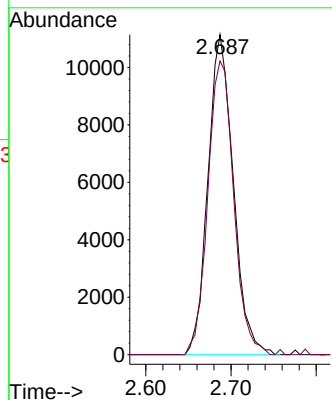
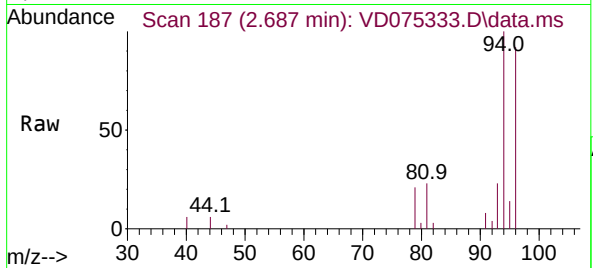




#5
Bromomethane
Concen: 45.771 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

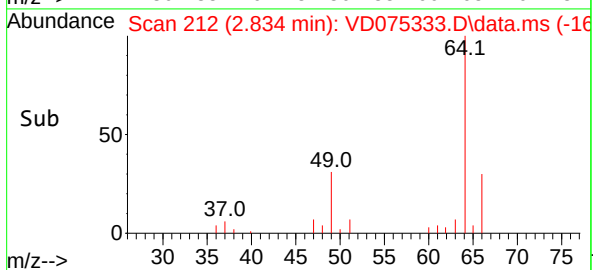
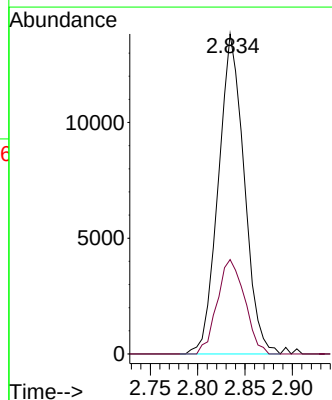
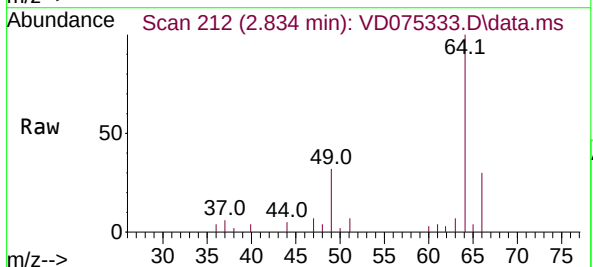
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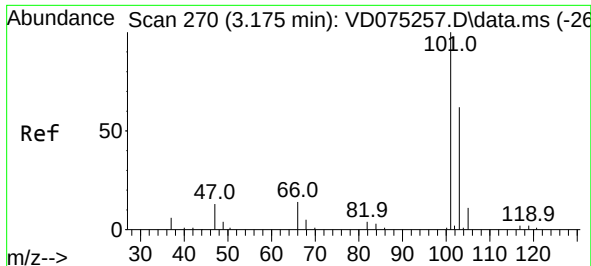
Tgt Ion: 94 Resp: 23013
Ion Ratio Lower Upper
94 100
96 93.7 74.8 112.2



#6
Chloroethane
Concen: 48.373 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion: 64 Resp: 26224
Ion Ratio Lower Upper
64 100
66 29.5 25.4 38.2

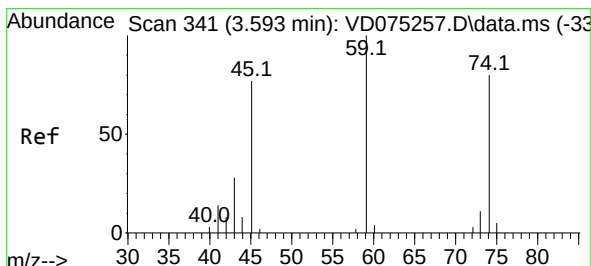
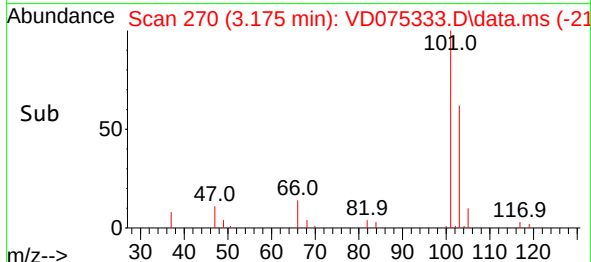
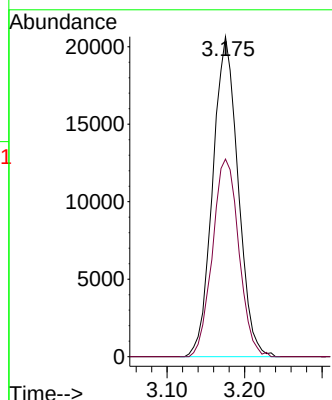
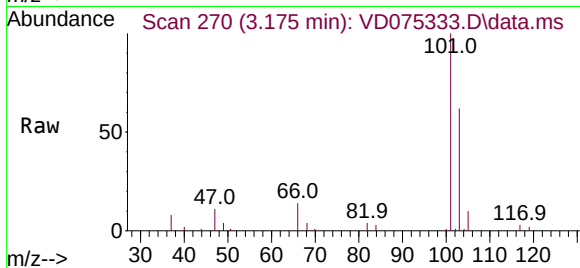




#7
 Trichlorofluoromethane
 Concen: 48.058 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075333.D
 Acq: 14 Feb 2023 09:56

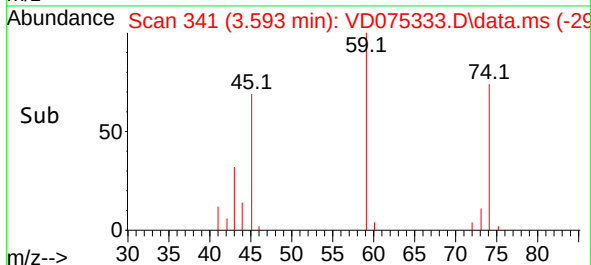
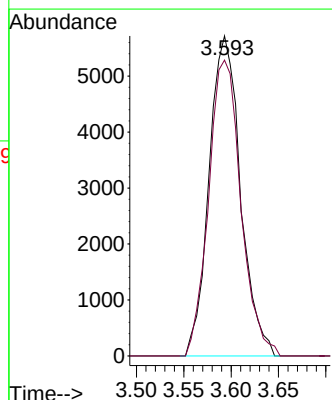
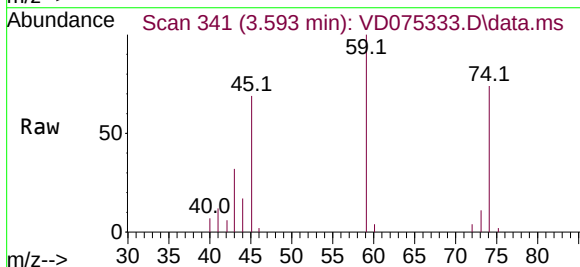
Instrument :
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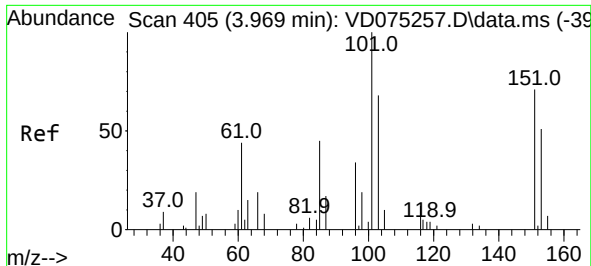
Tgt Ion:101 Resp: 46957
 Ion Ratio Lower Upper
 101 100
 103 61.7 52.2 78.4



#8
 Diethyl Ether
 Concen: 50.183 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD075333.D
 Acq: 14 Feb 2023 09:56

Tgt Ion: 74 Resp: 13181
 Ion Ratio Lower Upper
 74 100
 45 95.0 49.8 149.3



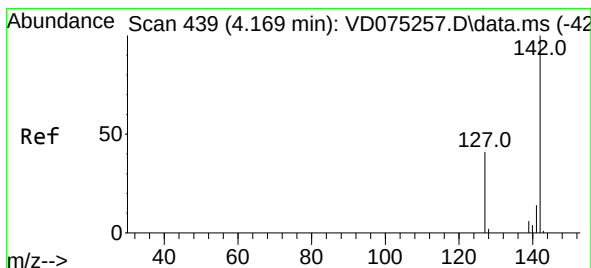
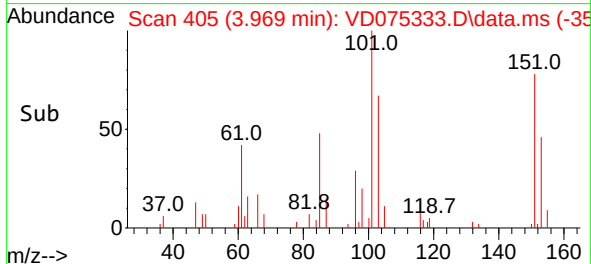
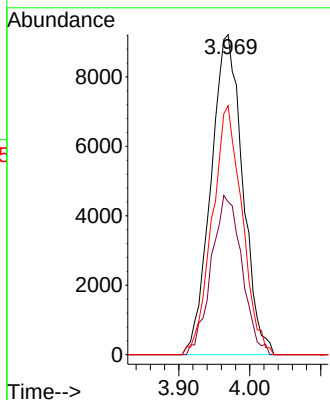
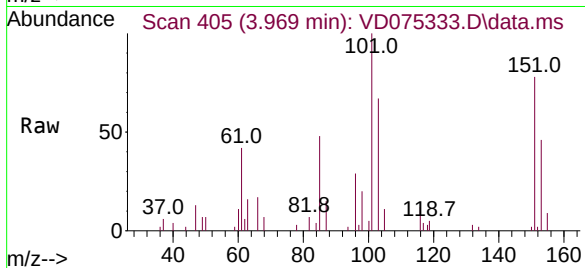


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.542 ug/l
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075333.D
 Acq: 14 Feb 2023 09:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 28578

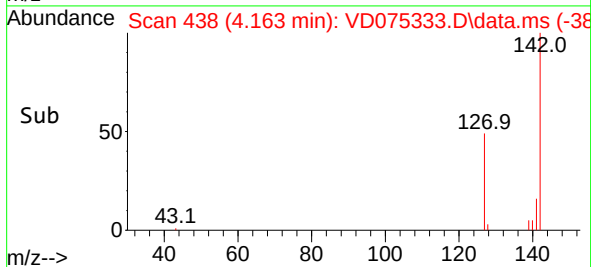
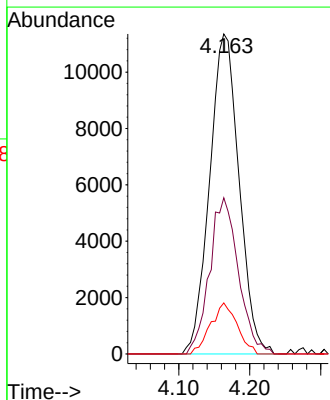
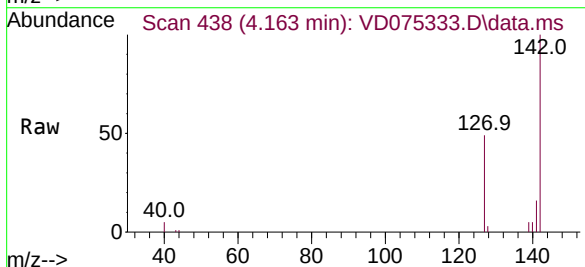
Ion	Ratio	Lower	Upper
101	100		
85	48.0	36.9	55.3
151	73.4	58.9	88.3

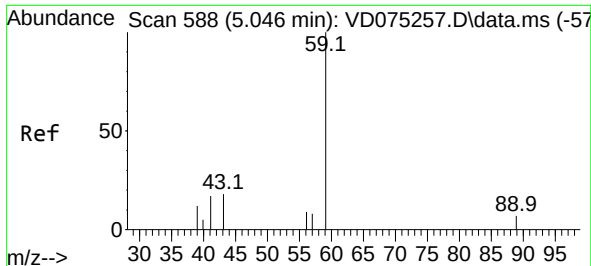


#10
 Methyl Iodide
 Concen: 48.729 ug/l
 RT: 4.163 min Scan# 438
 Delta R.T. -0.006 min
 Lab File: VD075333.D
 Acq: 14 Feb 2023 09:56

Tgt Ion:142 Resp: 32710

Ion	Ratio	Lower	Upper
142	100		
127	47.7	33.6	50.4
141	14.4	11.1	16.7

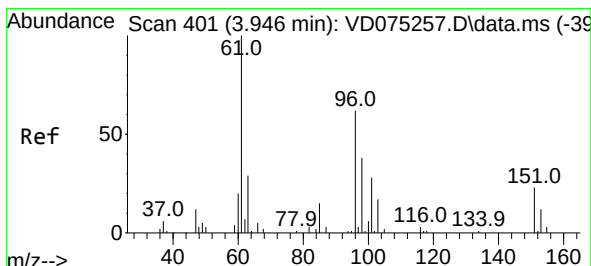
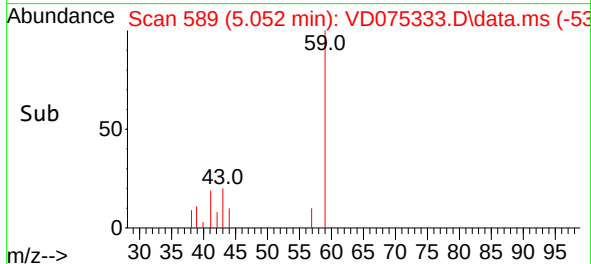
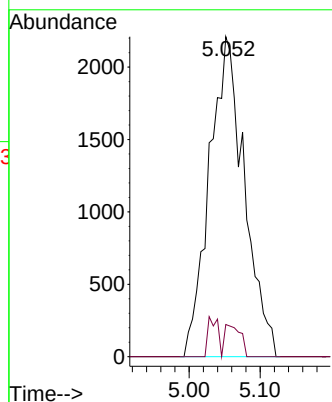
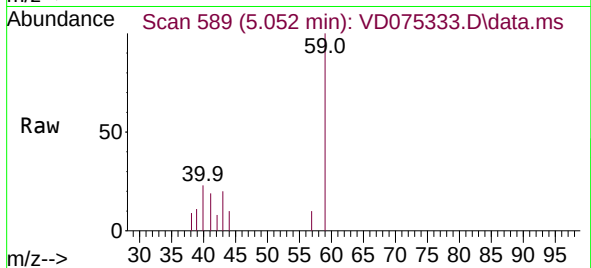




#11
Tert butyl alcohol
Concen: 230.253 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

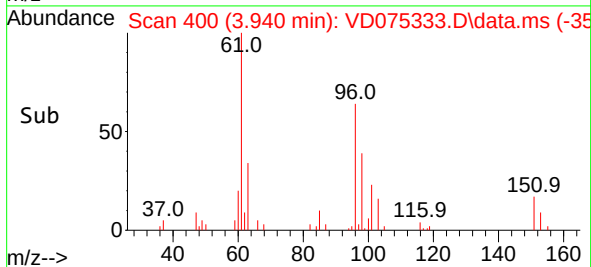
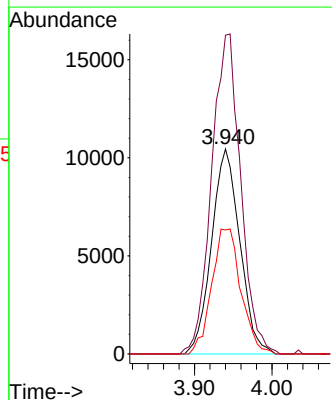
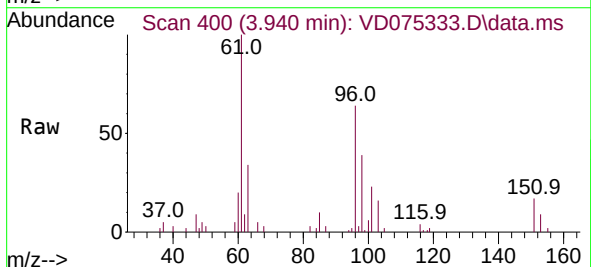
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

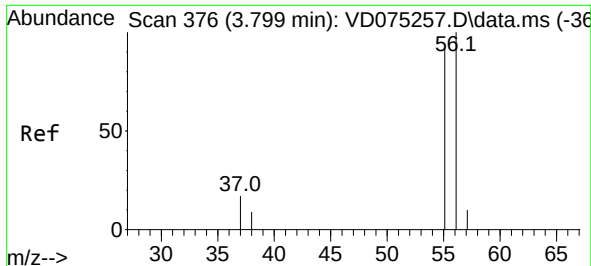
Tgt Ion: 59 Resp: 7559
Ion Ratio Lower Upper
59 100
57 4.5 2.9 4.3#



#12
1,1-Dichloroethene
Concen: 50.188 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion: 96 Resp: 26533
Ion Ratio Lower Upper
96 100
61 155.5 126.8 190.2
98 60.5 50.4 75.6





#13

Acrolein

Concen: 200.236 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

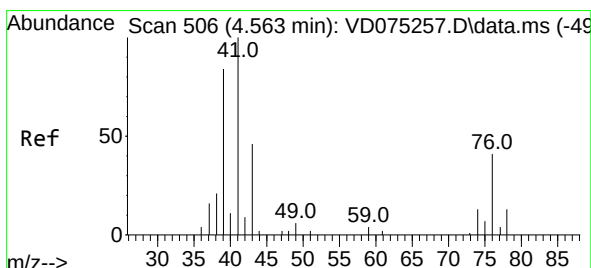
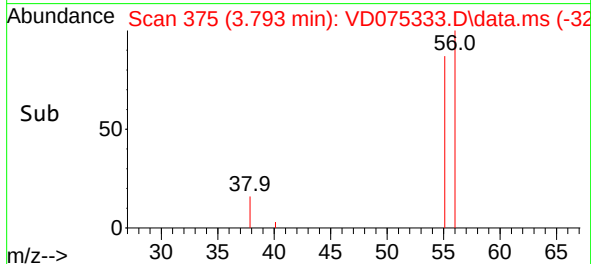
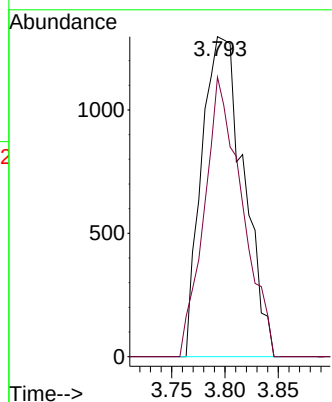
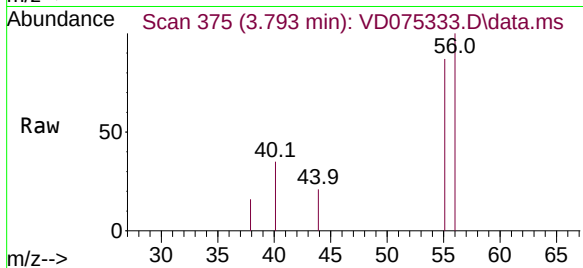
VSTDCCC050

Tgt Ion: 56 Resp: 3558

Ion Ratio Lower Upper

56 100

55 78.6 53.0 79.6



#14

Allyl chloride

Concen: 50.566 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

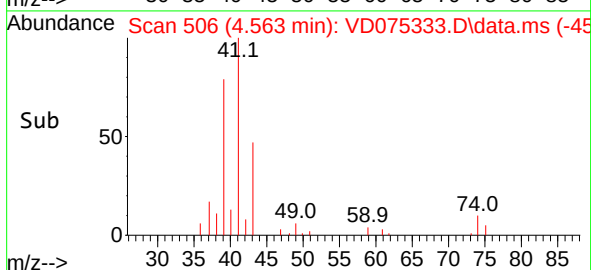
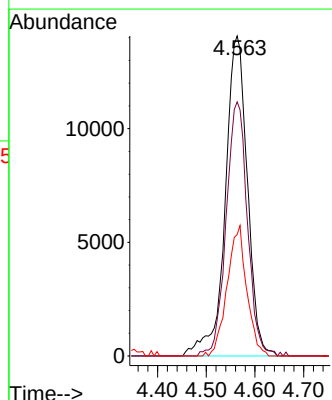
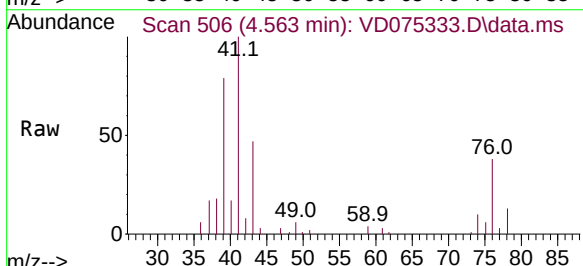
Tgt Ion: 41 Resp: 44478

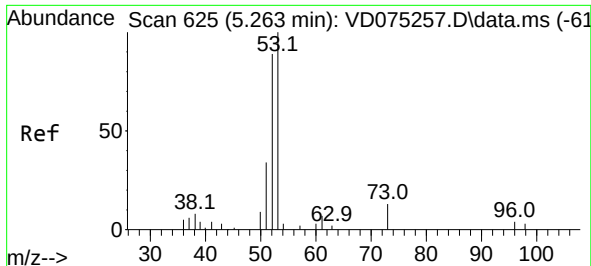
Ion Ratio Lower Upper

41 100

39 76.3 55.4 83.0

76 36.1 30.2 45.2

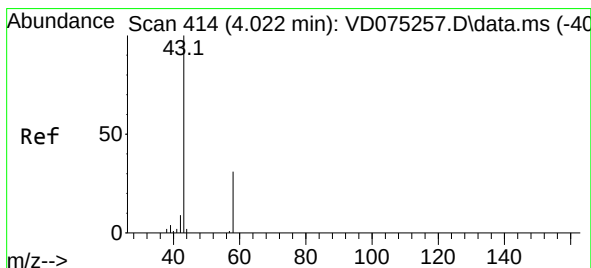
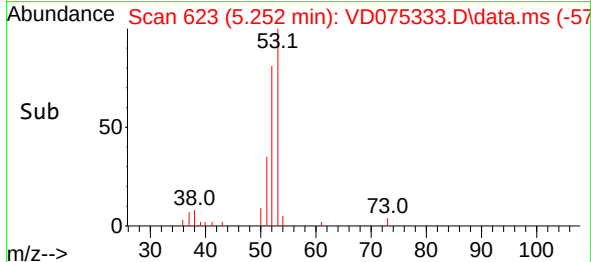
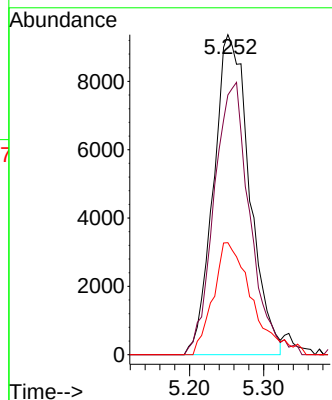
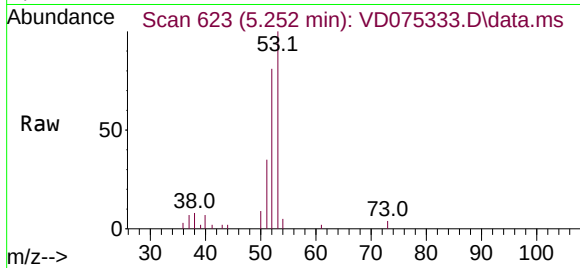




#15
Acrylonitrile
Concen: 259.481 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

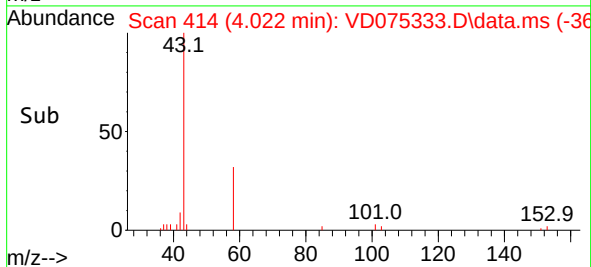
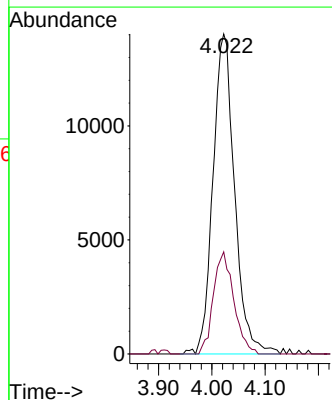
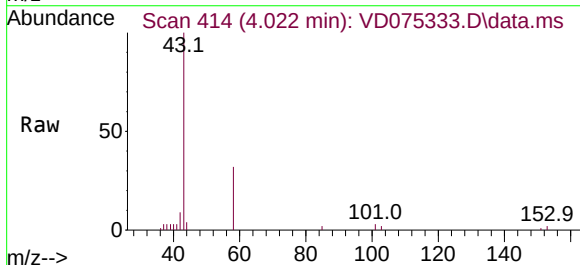
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

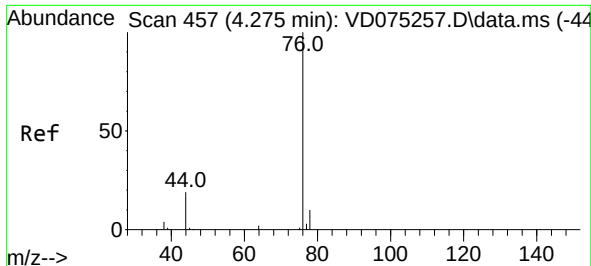
Tgt Ion: 53 Resp: 31539
Ion Ratio Lower Upper
53 100
52 85.0 67.0 100.6
51 38.0 30.1 45.1



#16
Acetone
Concen: 270.268 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion: 43 Resp: 39582
Ion Ratio Lower Upper
43 100
58 31.9 26.0 39.0





#17

Carbon Disulfide

Concen: 48.068 ug/l

RT: 4.269 min Scan# 4

Delta R.T. -0.006 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

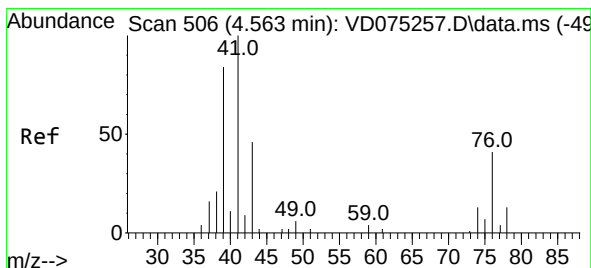
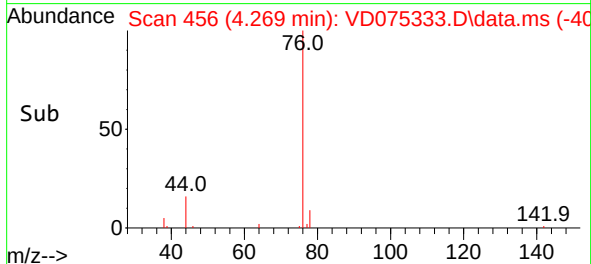
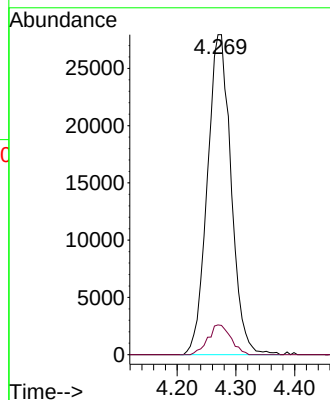
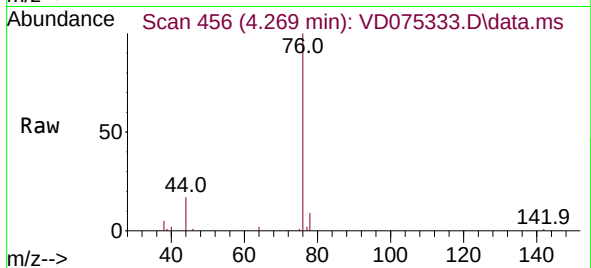
VSTDCCC050

Tgt Ion: 76 Resp: 78399

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 49.355 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD075333.D

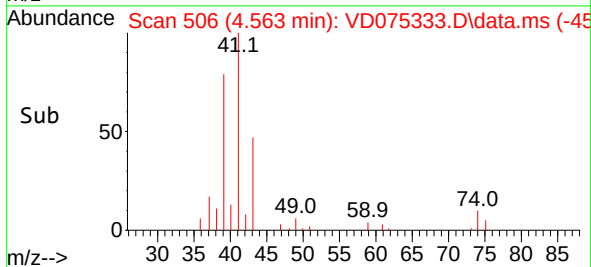
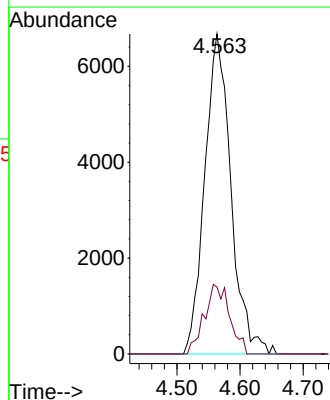
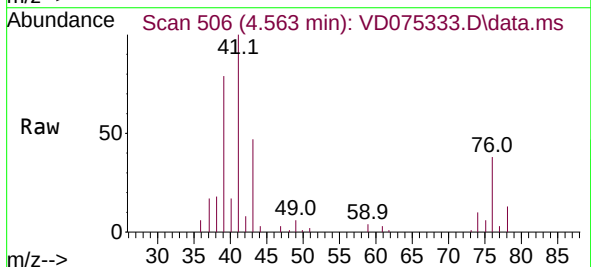
Acq: 14 Feb 2023 09:56

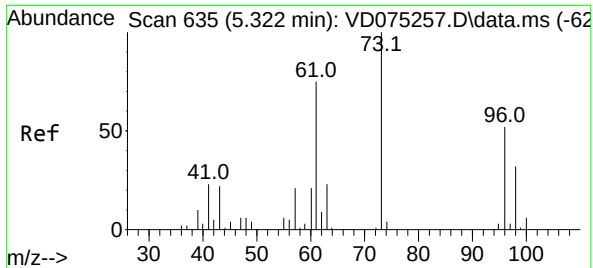
Tgt Ion: 43 Resp: 19231

Ion Ratio Lower Upper

43 100

74 20.9 18.5 27.7

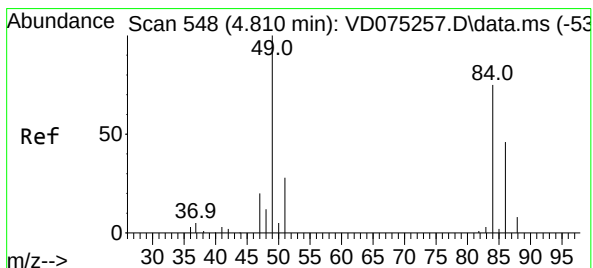
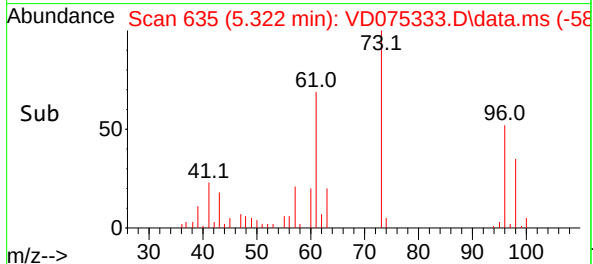
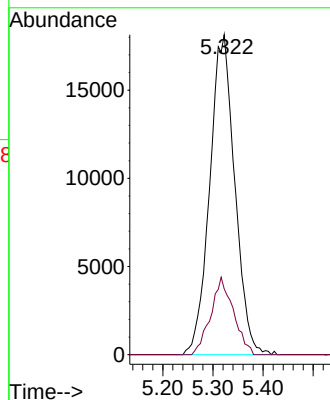
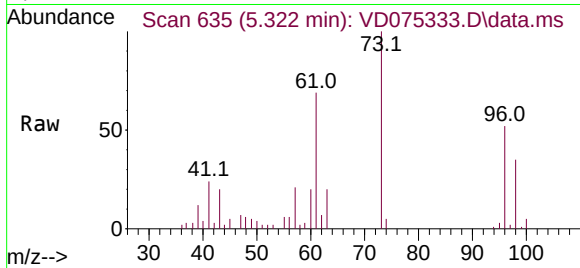




#19
Methyl tert-butyl Ether
Concen: 51.886 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

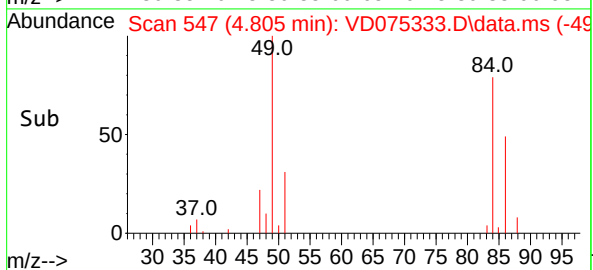
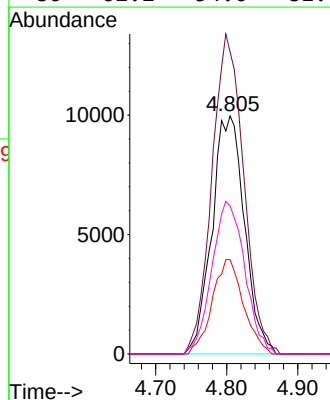
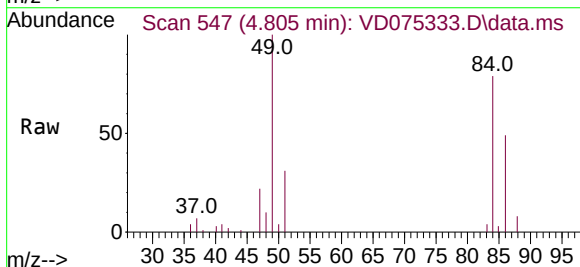
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

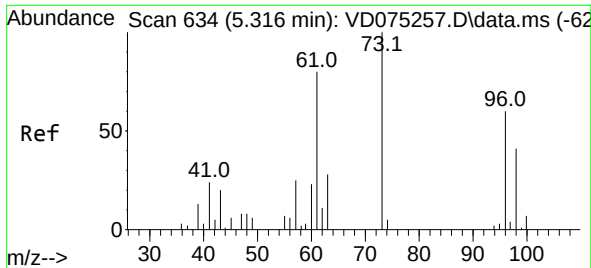
Tgt Ion: 73 Resp: 62978
Ion Ratio Lower Upper
73 100
57 20.6 18.5 27.7



#20
Methylene Chloride
Concen: 51.514 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.005 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion: 84 Resp: 31673
Ion Ratio Lower Upper
84 100
49 126.8 97.0 145.6
51 39.7 30.9 46.3
86 62.2 54.0 81.0

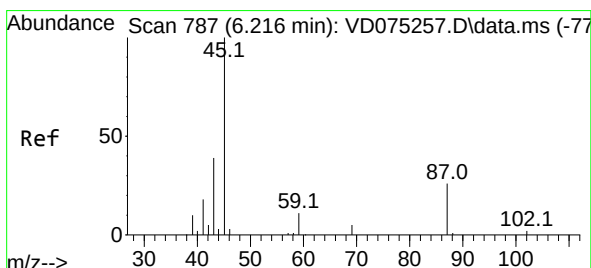
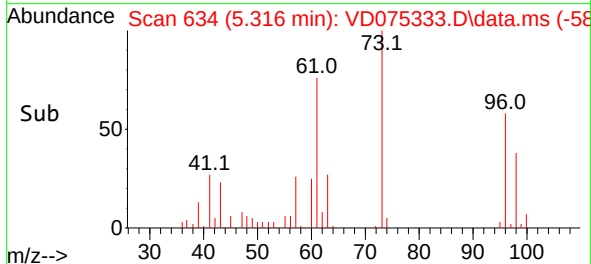
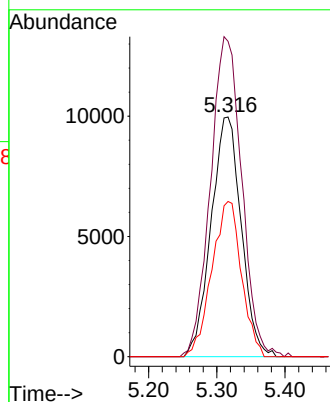
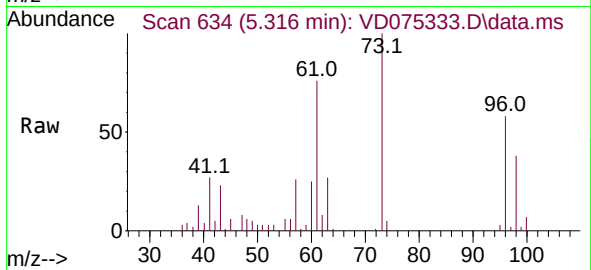




#21
trans-1,2-Dichloroethene
Concen: 51.198 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

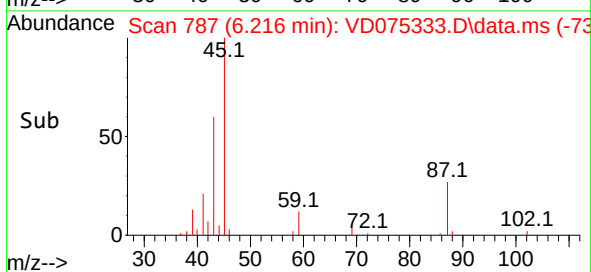
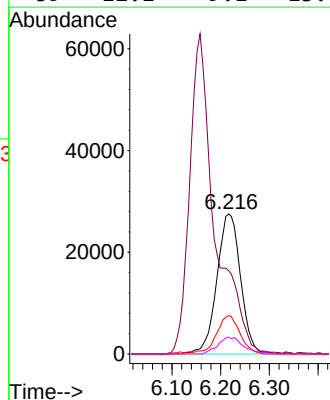
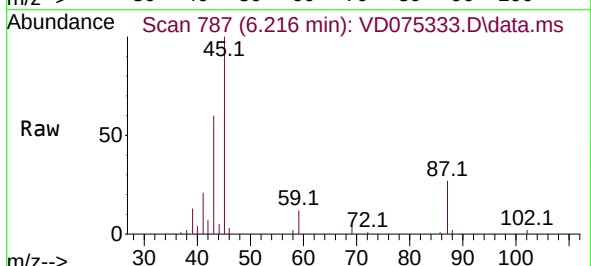
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

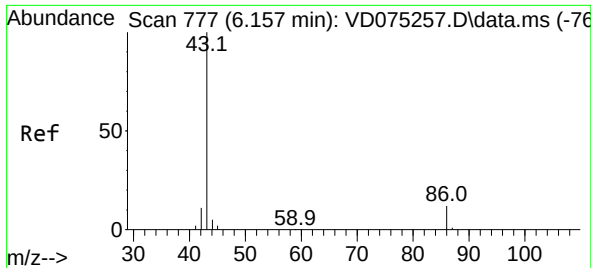
Tgt Ion: 96 Resp: 30629
Ion Ratio Lower Upper
96 100
61 131.6 105.7 158.5
98 64.8 50.4 75.6



#22
Diisopropyl ether
Concen: 53.138 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion: 45 Resp: 92969
Ion Ratio Lower Upper
45 100
43 58.6 45.3 67.9
87 27.3 22.1 33.1
59 12.1 9.1 13.7

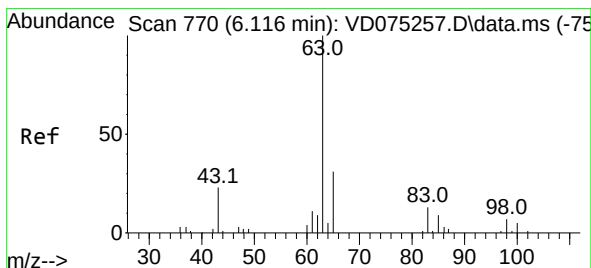
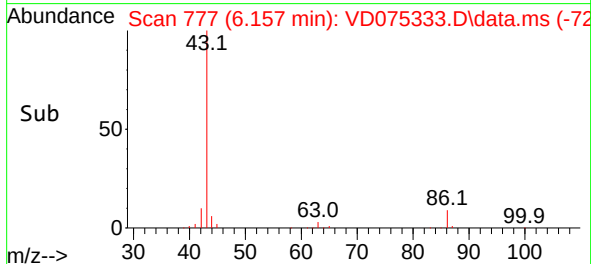
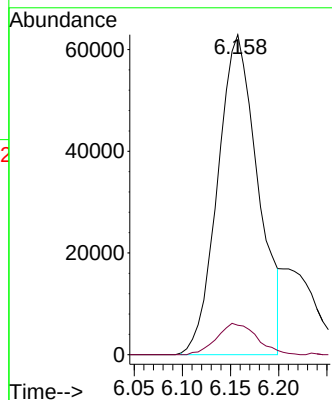
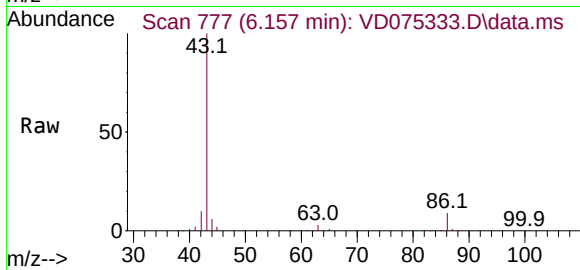




#23
 Vinyl Acetate
 Concen: 305.599 ug/l m
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD075333.D
 Acq: 14 Feb 2023 09:56

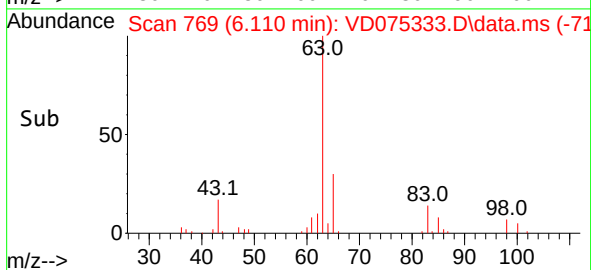
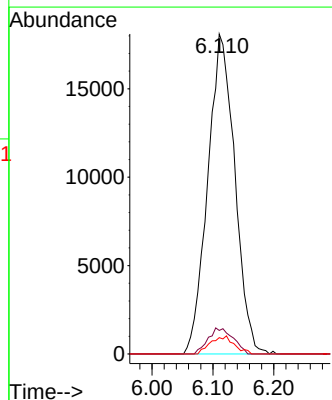
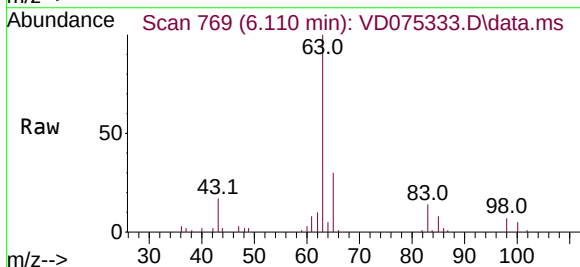
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

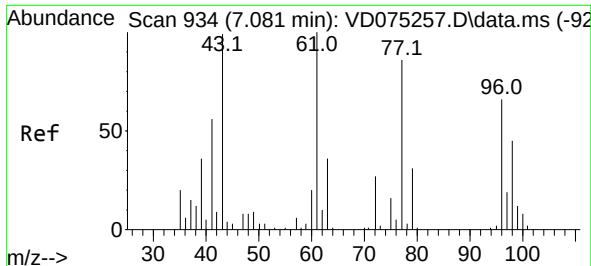
Tgt Ion: 43 Resp: 183175
 Ion Ratio Lower Upper
 43 100
 86 9.2 9.3 13.9#



#24
 1,1-Dichloroethane
 Concen: 51.262 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD075333.D
 Acq: 14 Feb 2023 09:56

Tgt Ion: 63 Resp: 55916
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 12.2
 100 5.1 2.5 7.4

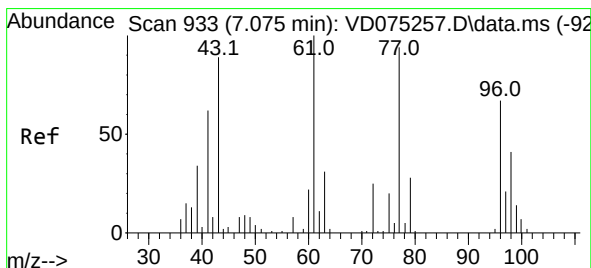
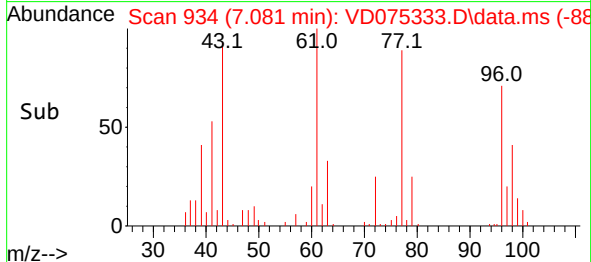
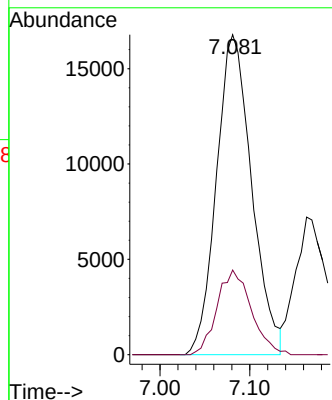
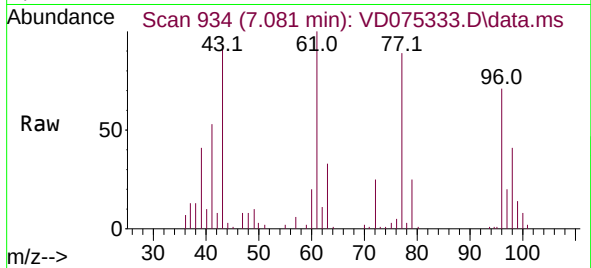




#25
2-Butanone
Concen: 252.226 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

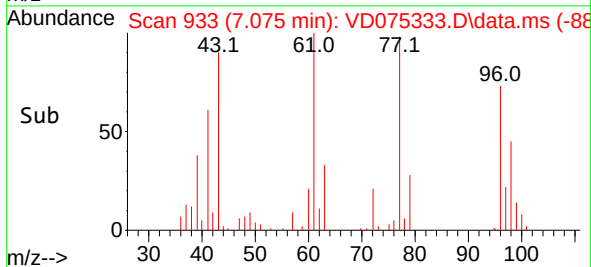
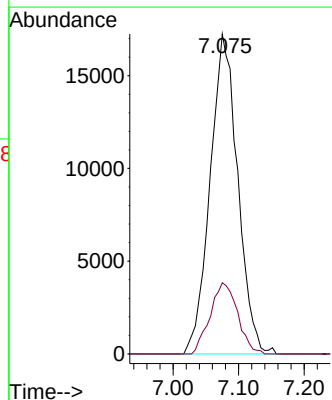
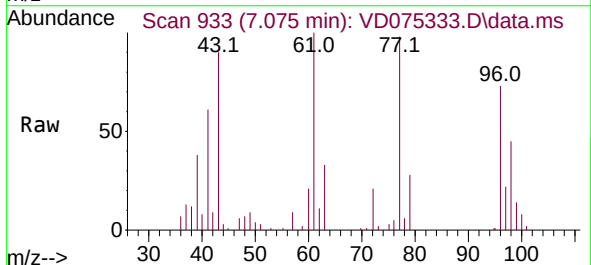
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

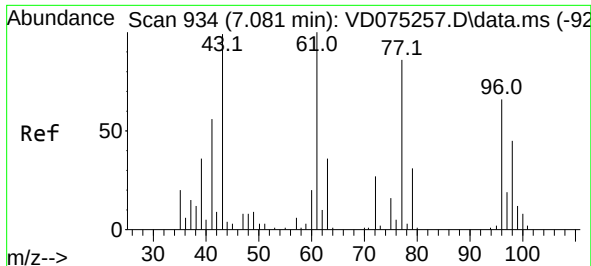
Tgt Ion: 43 Resp: 45771
Ion Ratio Lower Upper
43 100
72 26.5 19.8 29.8



#26
2,2-Dichloropropane
Concen: 52.198 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion: 77 Resp: 50398
Ion Ratio Lower Upper
77 100
97 22.2 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 51.697 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

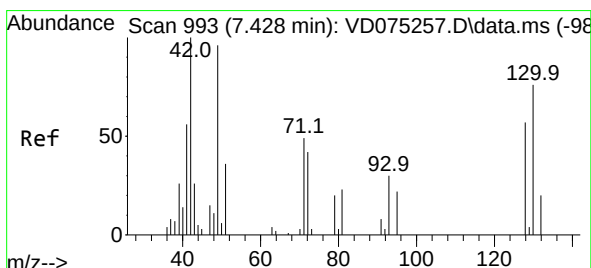
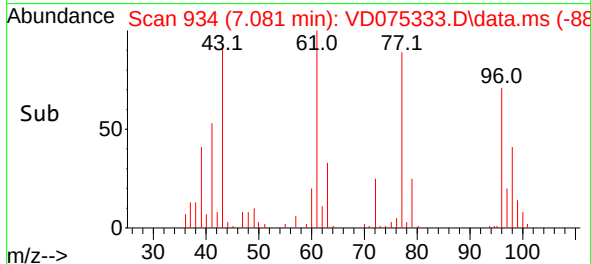
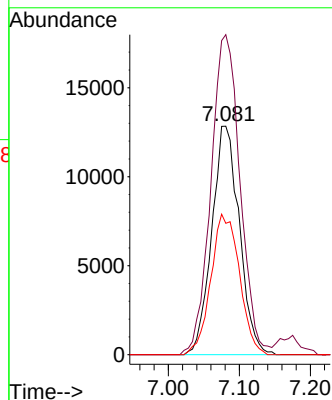
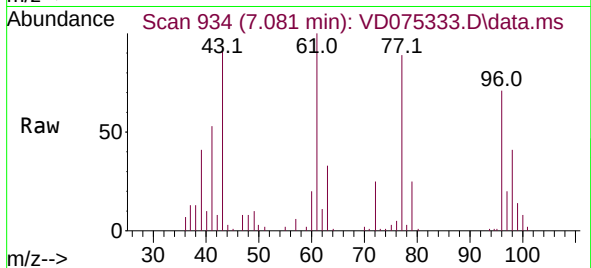
Tgt Ion: 96 Resp: 34601

Ion Ratio Lower Upper

96 100

61 148.2 0.0 287.4

98 63.8 0.0 129.8



#28

Bromochloromethane

Concen: 55.934 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

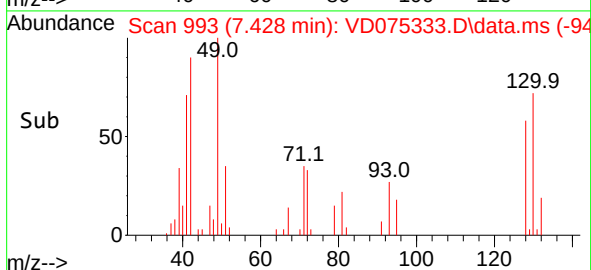
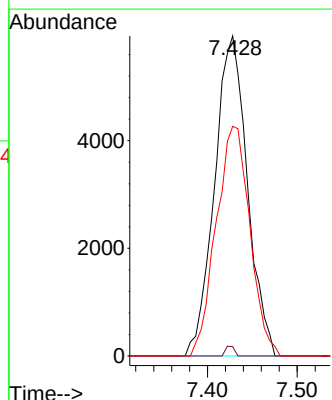
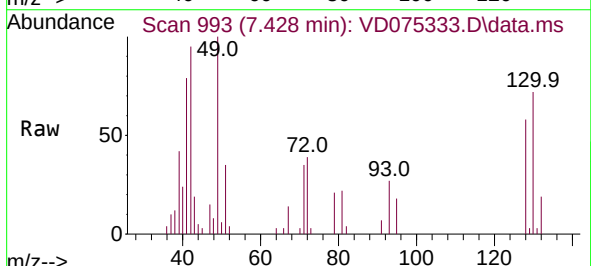
Tgt Ion: 49 Resp: 15096

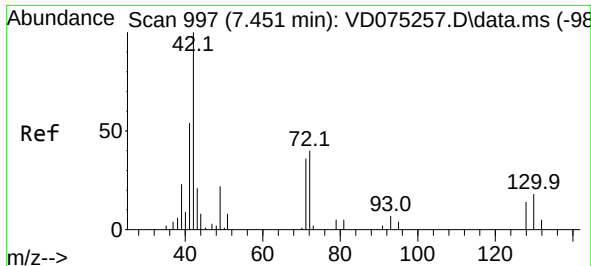
Ion Ratio Lower Upper

49 100

129 0.8 0.0 2.6

130 73.9 63.6 95.4





#29

Tetrahydrofuran

Concen: 257.792 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.005 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

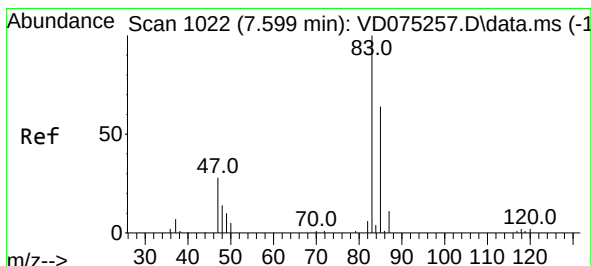
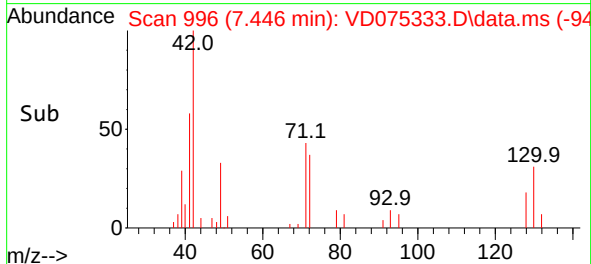
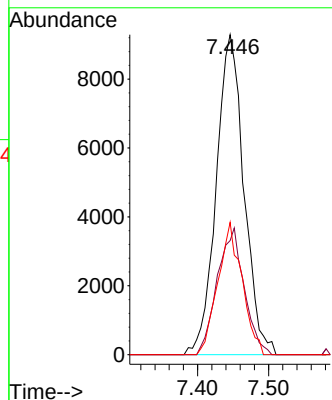
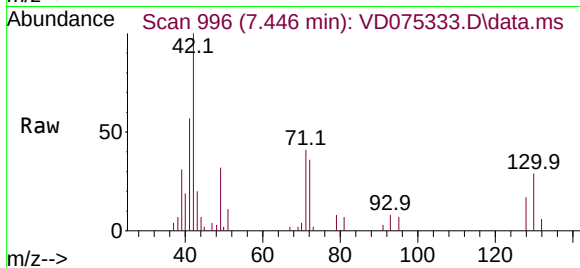
Tgt Ion: 42 Resp: 25191

Ion Ratio Lower Upper

42 100

72 38.5 33.8 50.8

71 36.1 31.6 47.4



#30

Chloroform

Concen: 52.543 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075333.D

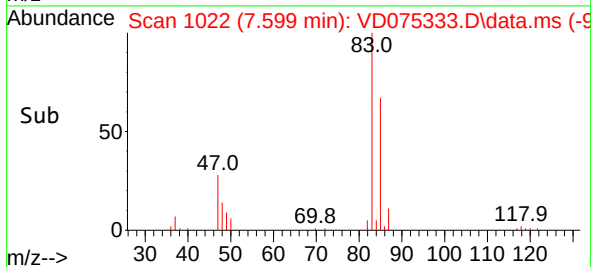
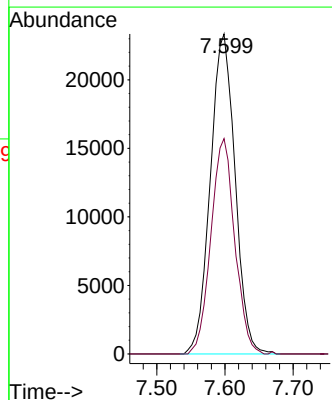
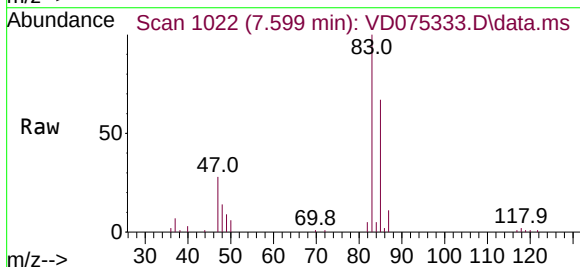
Acq: 14 Feb 2023 09:56

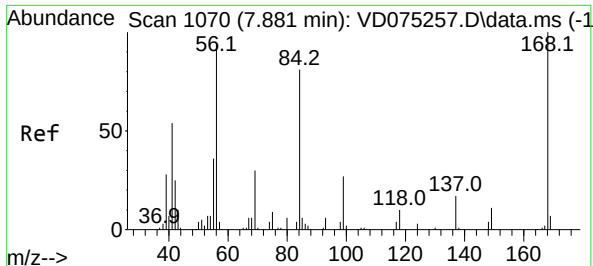
Tgt Ion: 83 Resp: 58991

Ion Ratio Lower Upper

83 100

85 67.3 48.5 72.7





#31

Cyclohexane

Concen: 46.661 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

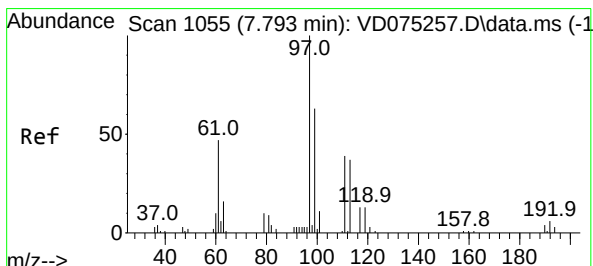
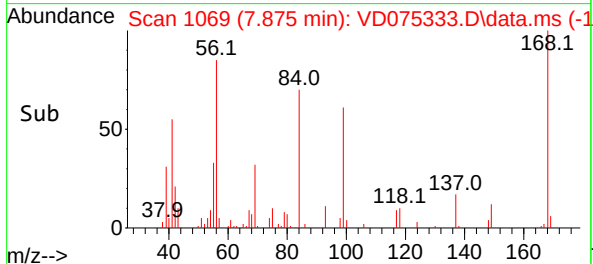
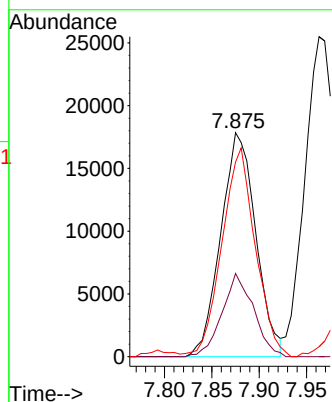
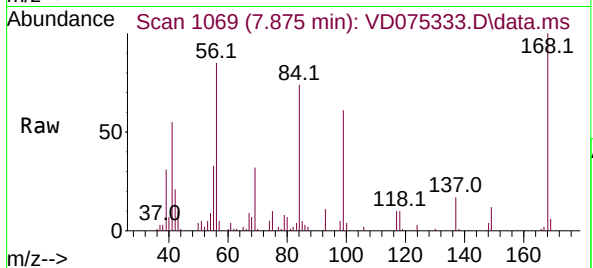
Tgt Ion: 56 Resp: 45891

Ion Ratio Lower Upper

56 100

69 37.1 26.6 40.0

84 85.7 74.1 111.1



#32

1,1,1-Trichloroethane

Concen: 50.639 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

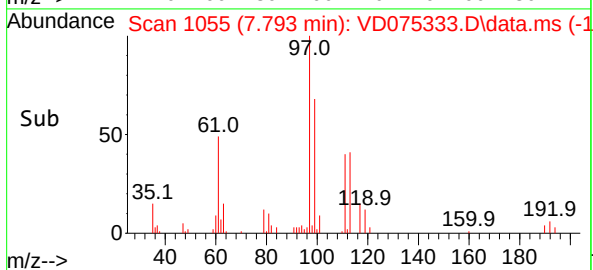
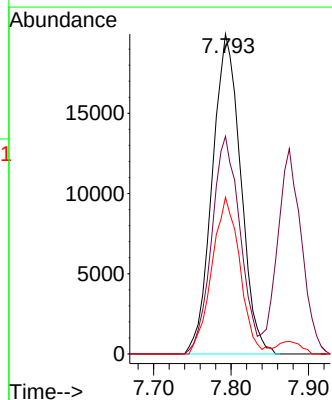
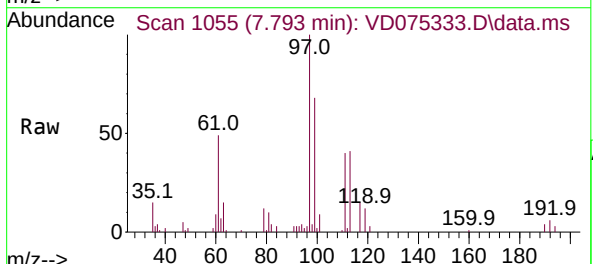
Tgt Ion: 97 Resp: 50855

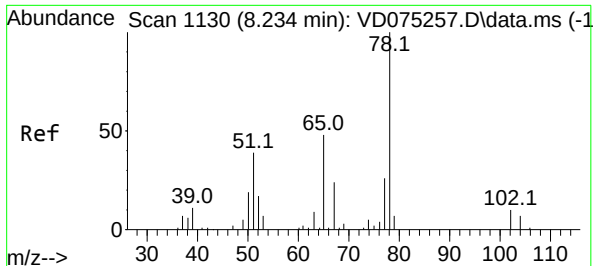
Ion Ratio Lower Upper

97 100

99 67.6 51.7 77.5

61 48.5 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 50.718 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

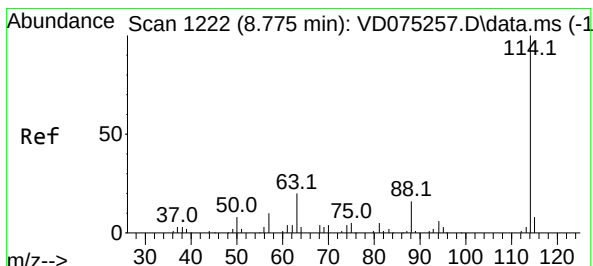
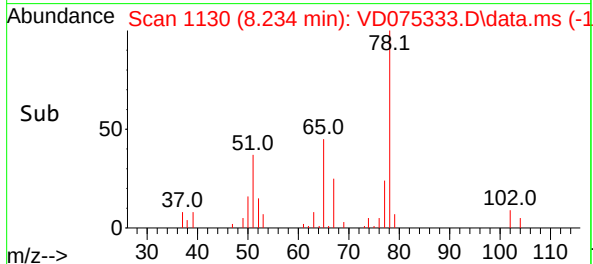
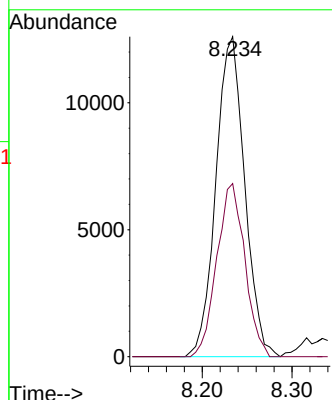
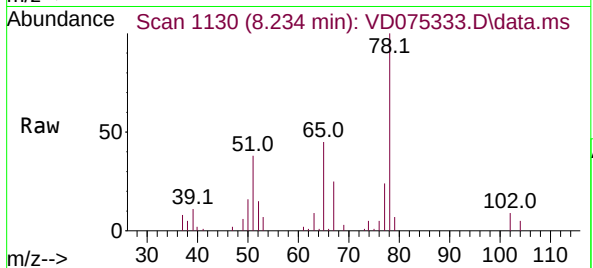
VSTDCCC050

Tgt Ion: 65 Resp: 28091

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

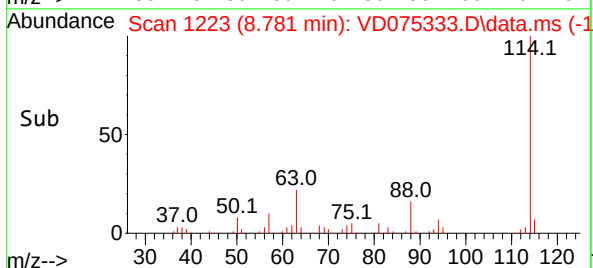
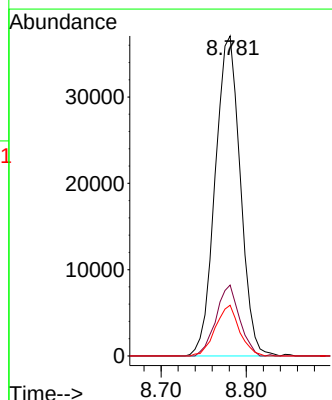
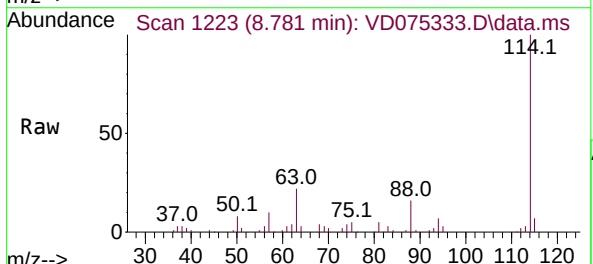
Tgt Ion:114 Resp: 75850

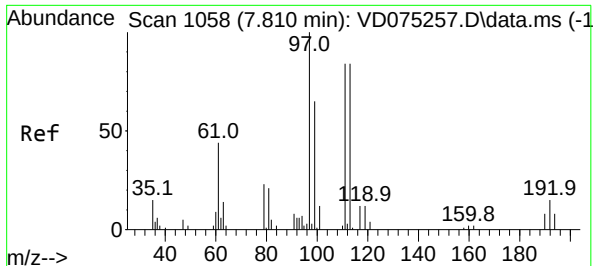
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.2

88 15.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 53.902 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

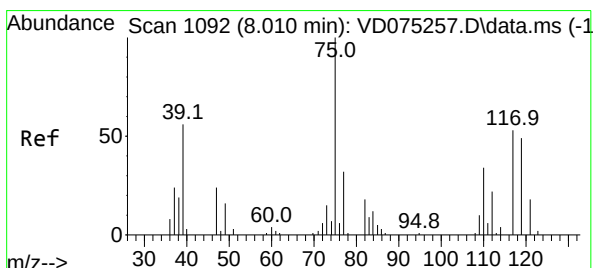
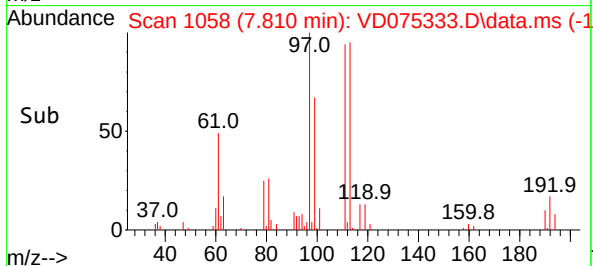
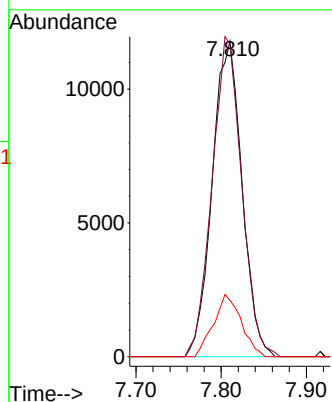
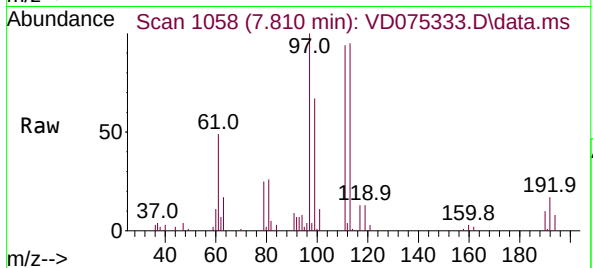
Tgt Ion:113 Resp: 28668

Ion Ratio Lower Upper

113 100

111 100.5 80.1 120.1

192 18.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 52.026 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

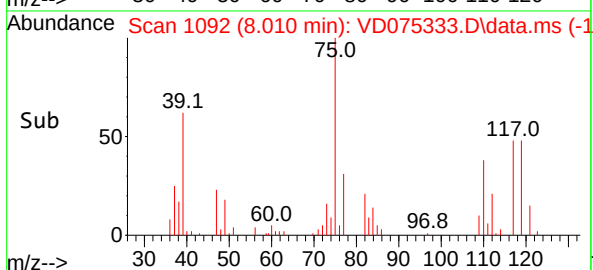
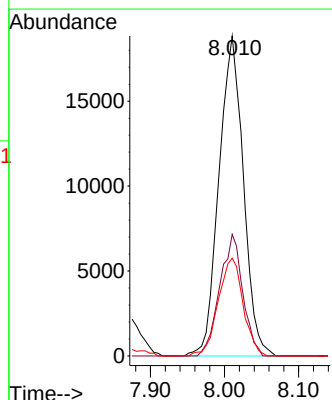
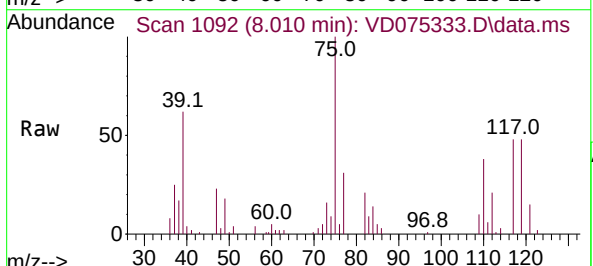
Tgt Ion: 75 Resp: 43104

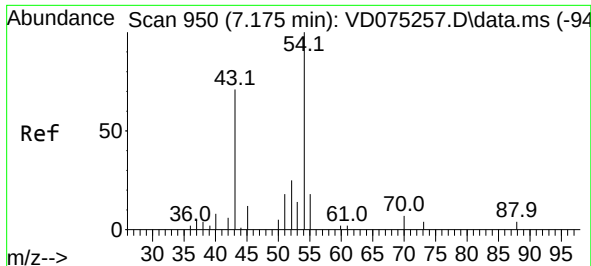
Ion Ratio Lower Upper

75 100

110 35.8 18.1 54.4

77 31.1 25.1 37.7





#37

Ethyl Acetate

Concen: 51.398 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.012 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

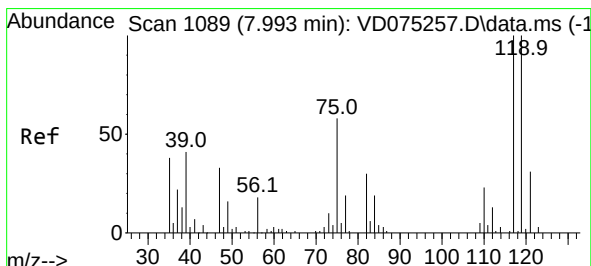
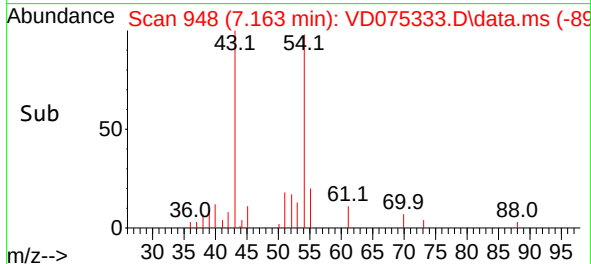
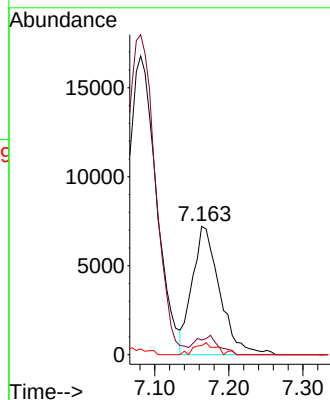
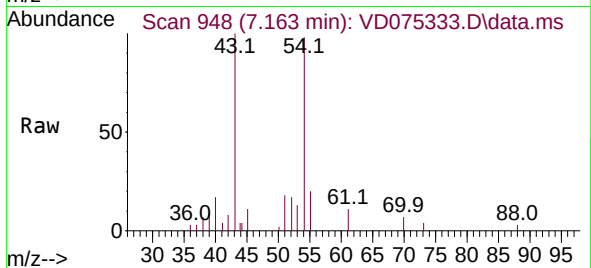
Tgt Ion: 43 Resp: 18572

Ion Ratio Lower Upper

43 100

61 12.1 11.7 17.5

70 7.5 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 58.448 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

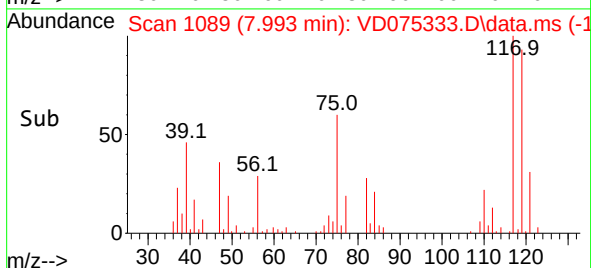
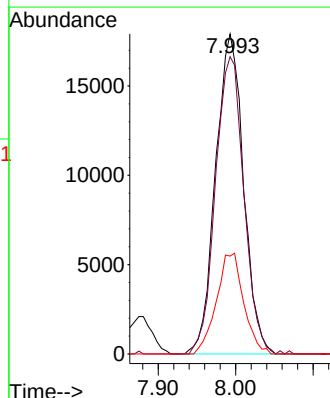
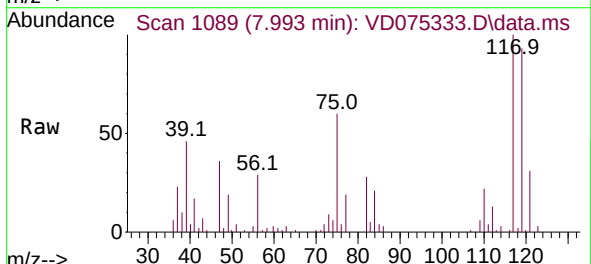
Tgt Ion: 117 Resp: 44872

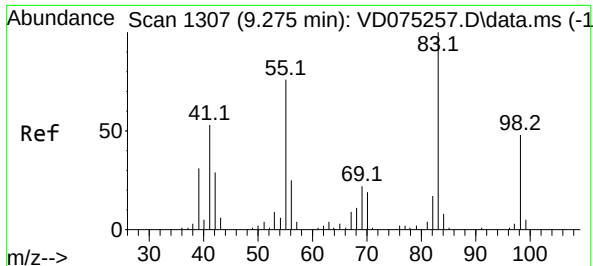
Ion Ratio Lower Upper

117 100

119 92.9 73.6 110.4

121 30.6 25.4 38.0





#39

Methylcyclohexane

Concen: 50.719 ug/l

RT: 9.275 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

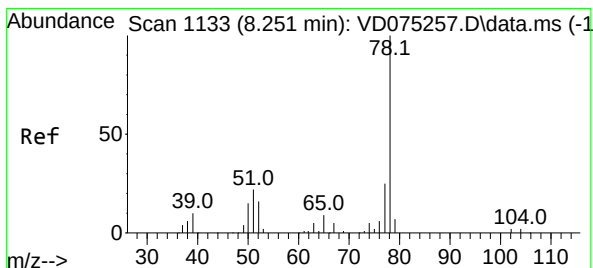
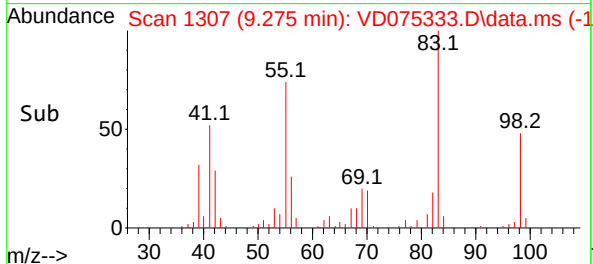
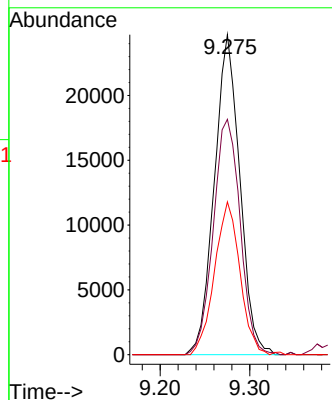
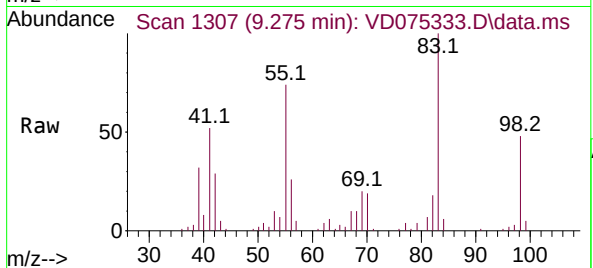
Tgt Ion: 83 Resp: 48639

Ion Ratio Lower Upper

83 100

55 73.6 60.0 90.0

98 47.7 39.0 58.4



#40

Benzene

Concen: 52.540 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD075333.D

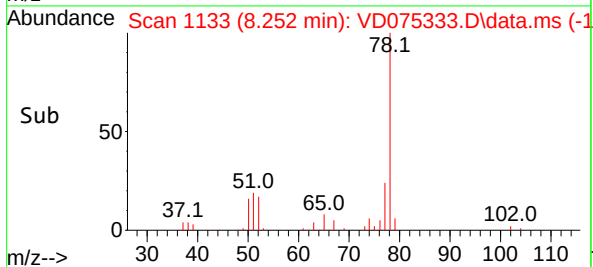
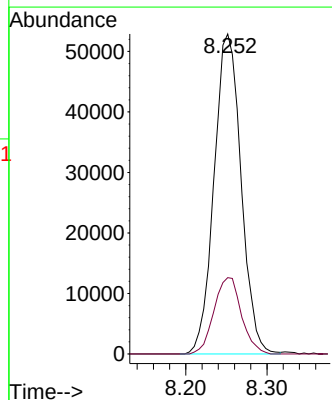
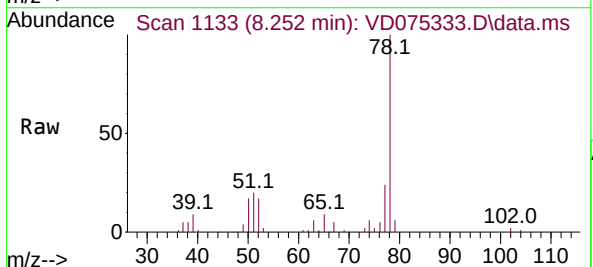
Acq: 14 Feb 2023 09:56

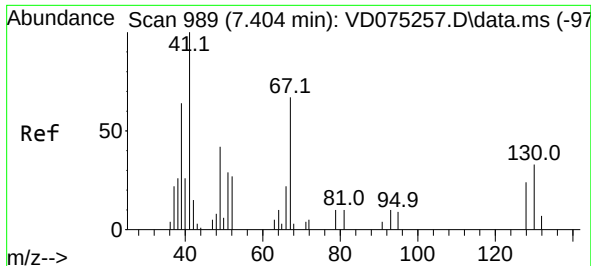
Tgt Ion: 78 Resp: 122341

Ion Ratio Lower Upper

78 100

77 23.9 19.8 29.6

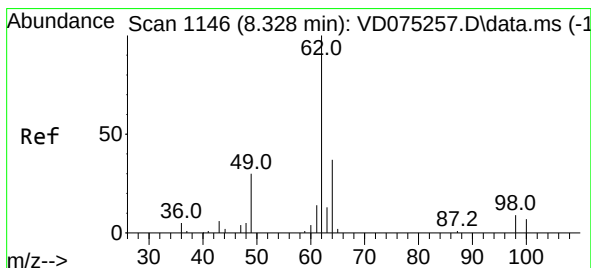
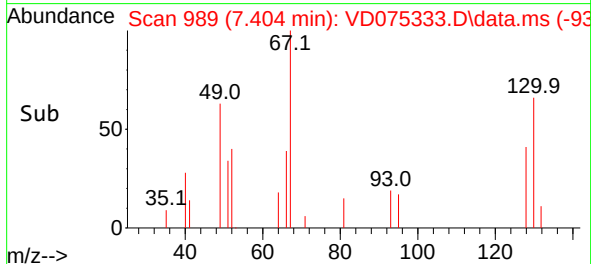
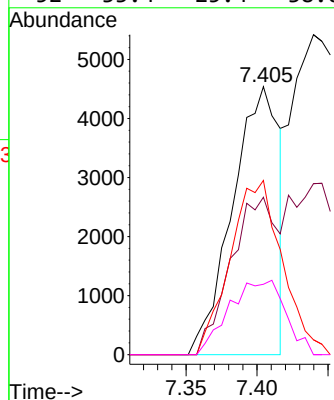
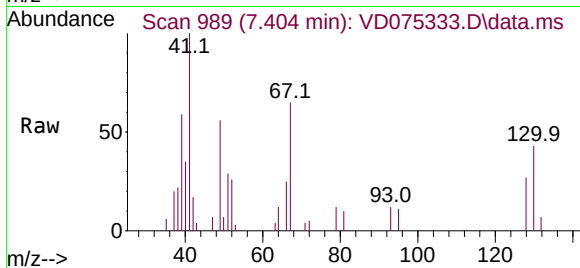




#41
Methacrylonitrile
Concen: 48.063 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

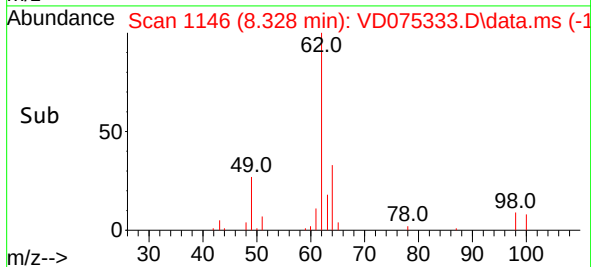
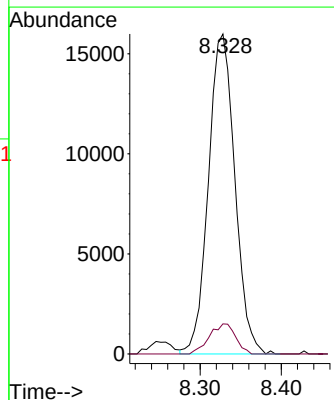
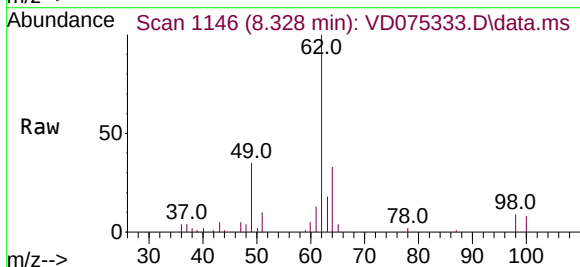
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

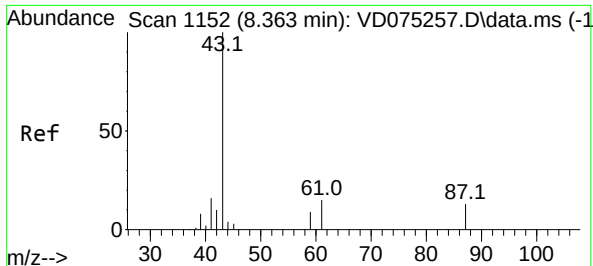
Tgt Ion:	41	Resp:	10360
Ion	Ratio	Lower	Upper
41	100		
39	59.1	57.8	86.6
67	72.5	60.5	90.7
52	33.4	25.4	38.0



#42
1,2-Dichloroethane
Concen: 53.697 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion:	62	Resp:	36200
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2

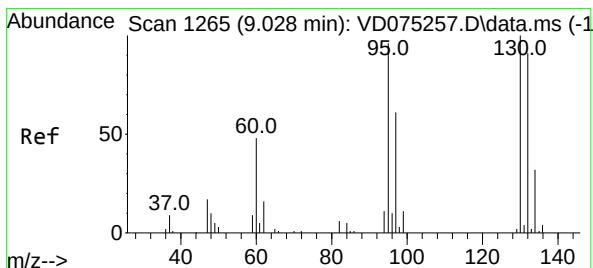
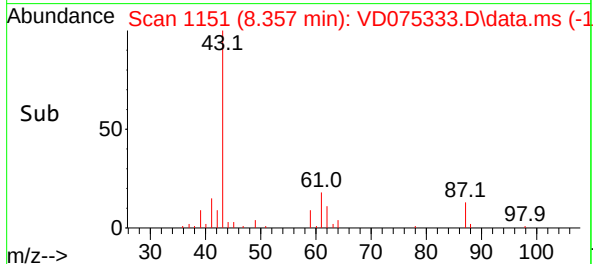
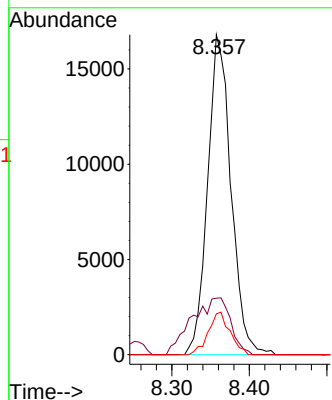
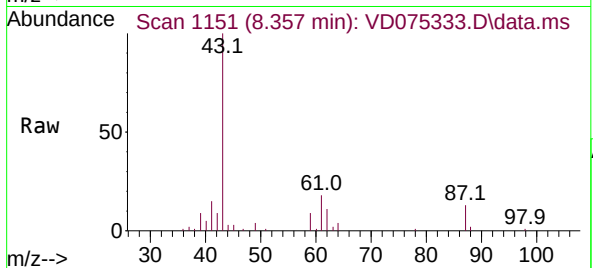




#43
Isopropyl Acetate
Concen: 50.994 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

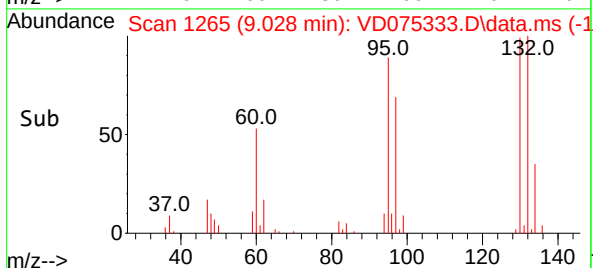
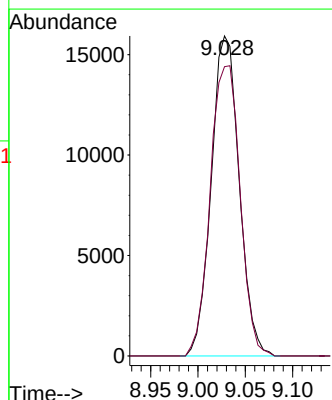
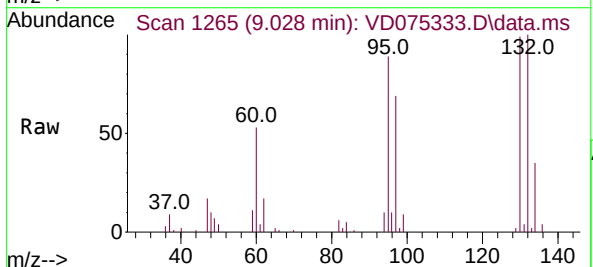
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

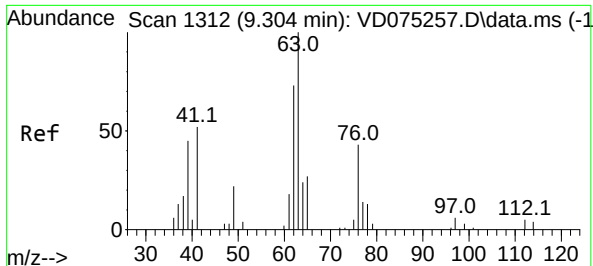
Tgt Ion: 43	Resp:	35208
Ion Ratio	Lower	Upper
43	100	
61	29.5	25.0 37.6
87	12.3	10.6 16.0



#44
Trichloroethene
Concen: 50.996 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion: 130	Resp:	32733
Ion Ratio	Lower	Upper
130	100	
95	90.4	0.0 188.6





#45

1,2-Dichloropropane

Concen: 55.823 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

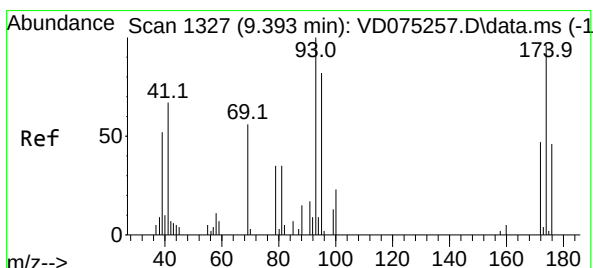
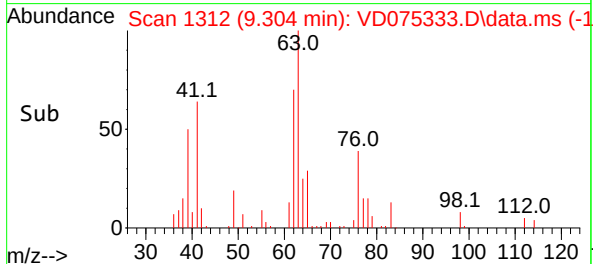
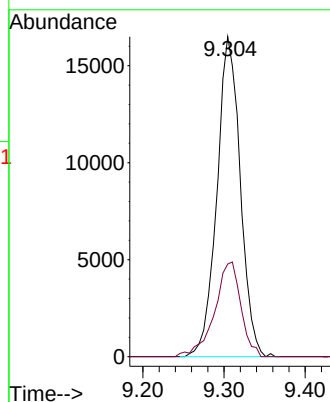
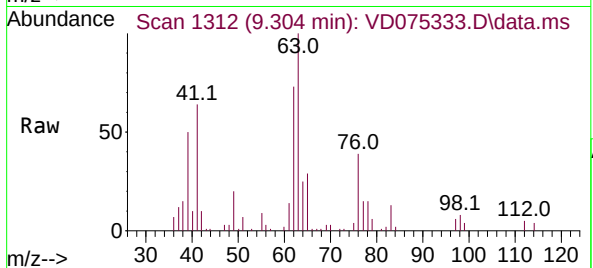
VSTDCCC050

Tgt Ion: 63 Resp: 33012

Ion Ratio Lower Upper

63 100

65 28.9 25.1 37.7



#46

Dibromomethane

Concen: 52.911 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

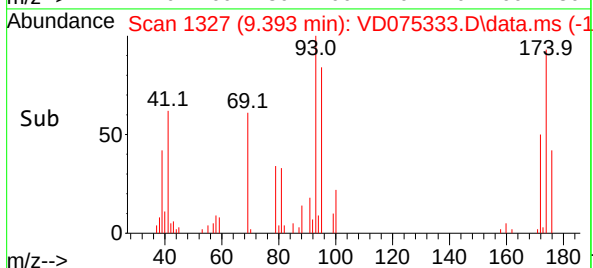
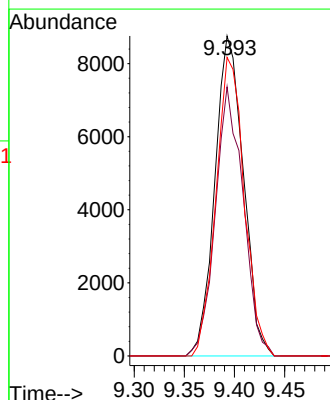
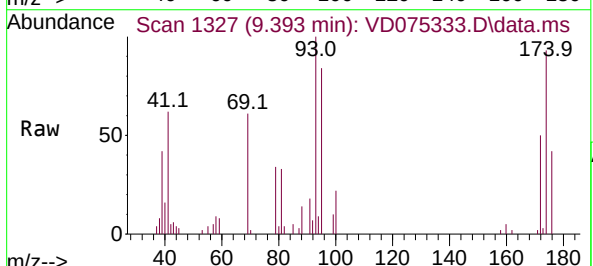
Tgt Ion: 93 Resp: 17340

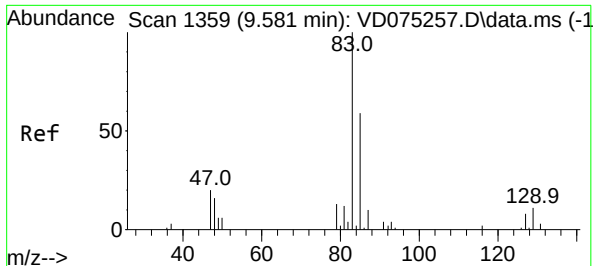
Ion Ratio Lower Upper

93 100

95 81.9 68.3 102.5

174 92.2 77.4 116.0





#47

Bromodichloromethane

Concen: 54.843 ug/l

RT: 9.587 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

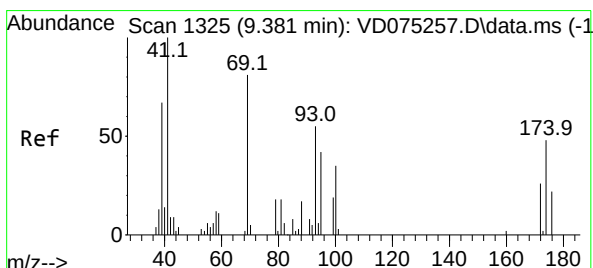
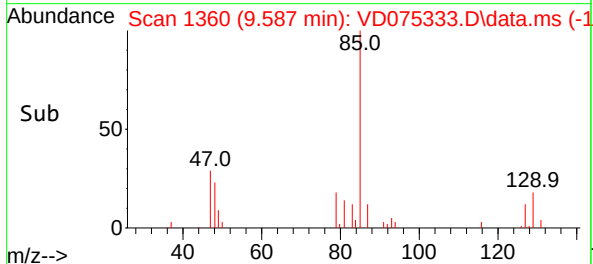
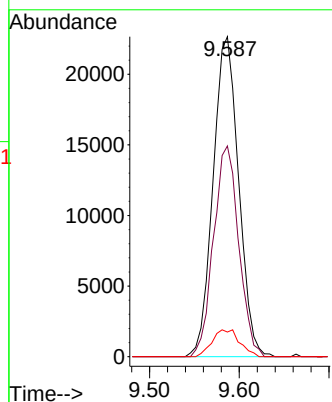
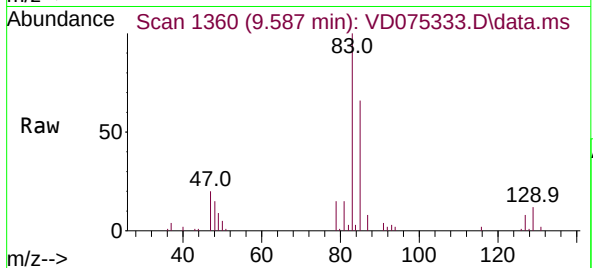
Tgt Ion: 83 Resp: 44731

Ion Ratio Lower Upper

83 100

85 65.9 53.0 79.4

127 7.7 7.0 10.4



#48

Methyl methacrylate

Concen: 53.298 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

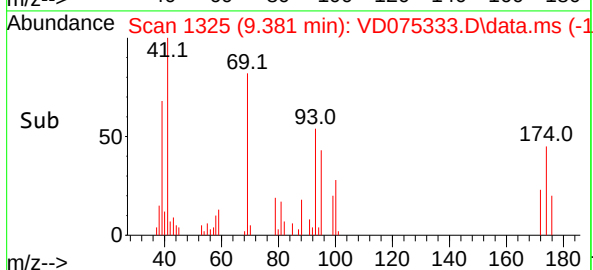
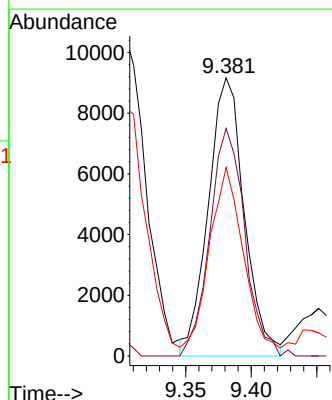
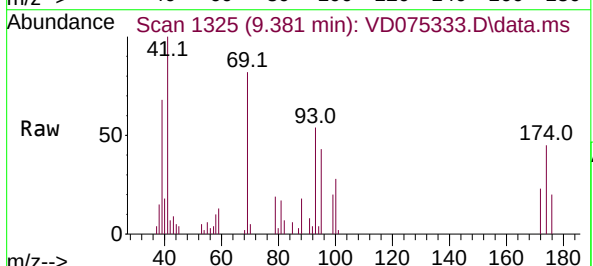
Tgt Ion: 41 Resp: 17476

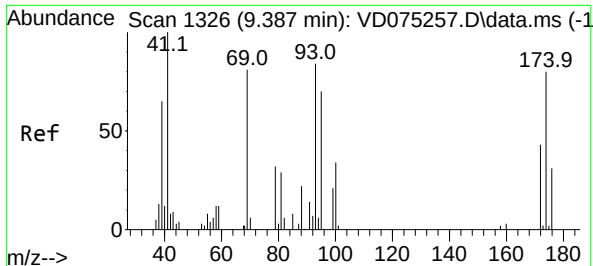
Ion Ratio Lower Upper

41 100

69 79.7 67.8 101.6

39 60.4 46.0 69.0





#49

1,4-Dioxane

Concen: 1018.185 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

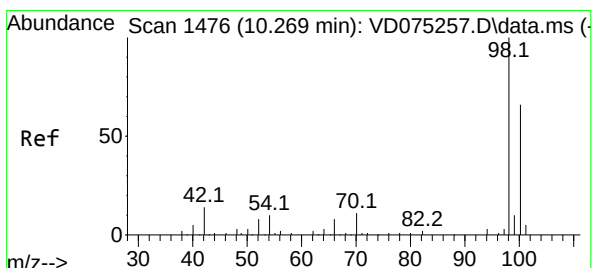
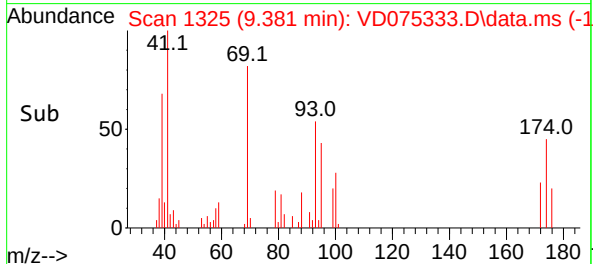
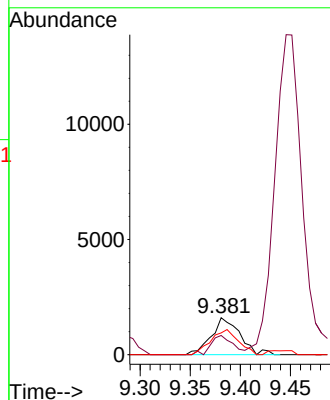
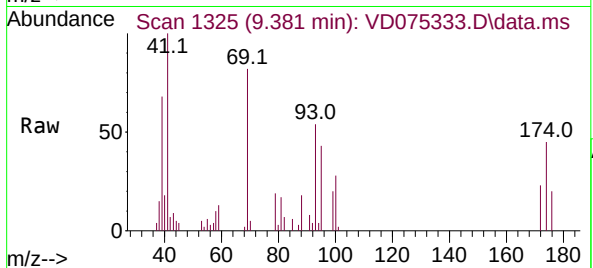
Tgt Ion: 88 Resp: 3183

Ion Ratio Lower Upper

88 100

43 40.2 35.6 53.4

58 65.3 57.4 86.2



#50

Toluene-d8

Concen: 51.296 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075333.D

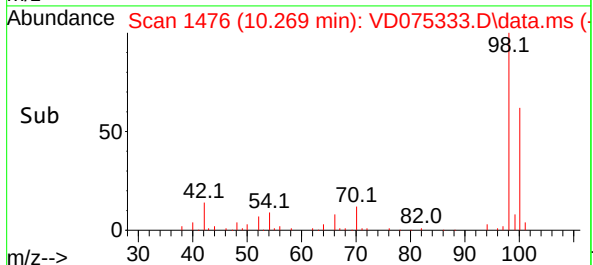
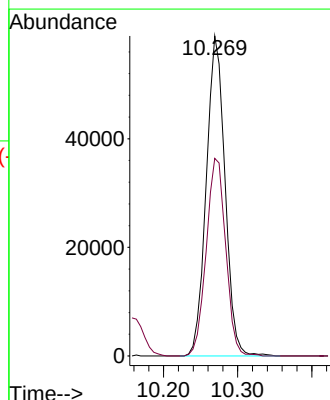
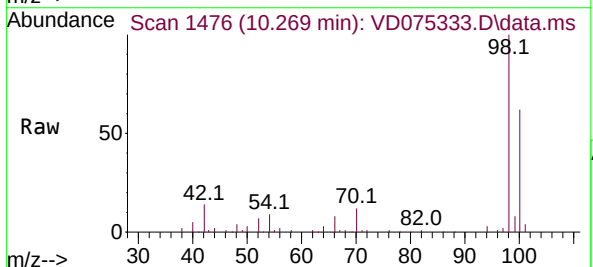
Acq: 14 Feb 2023 09:56

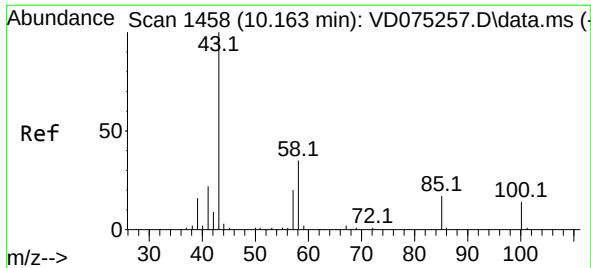
Tgt Ion: 98 Resp: 103464

Ion Ratio Lower Upper

98 100

100 64.2 52.7 79.1

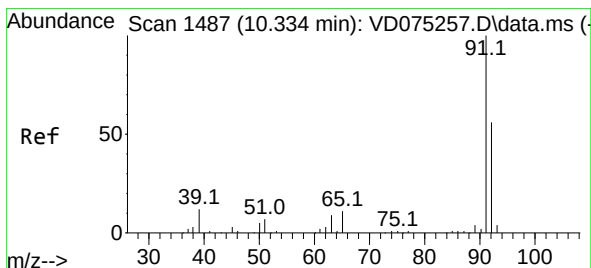
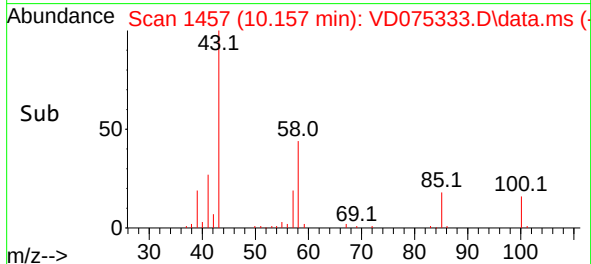
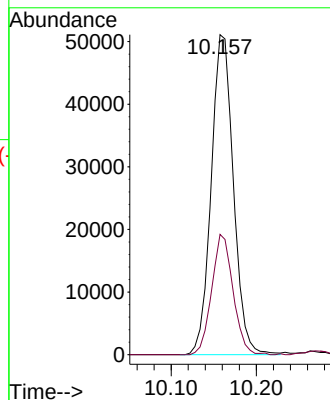
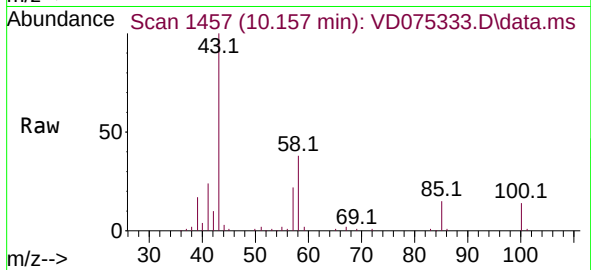




#51
4-Methyl-2-Pentanone
Concen: 264.895 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

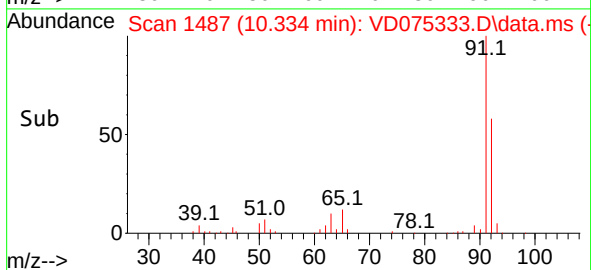
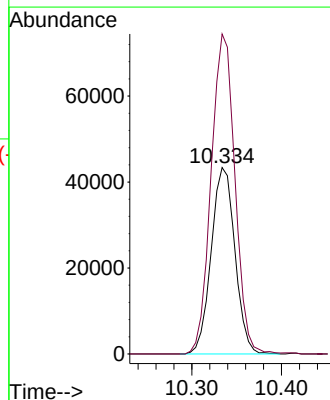
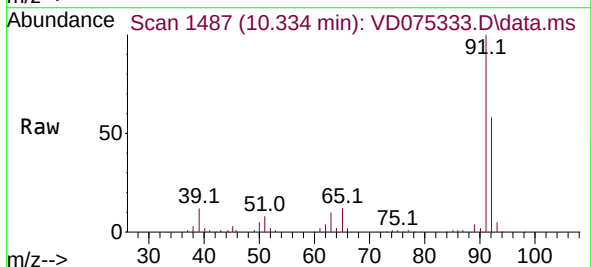
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

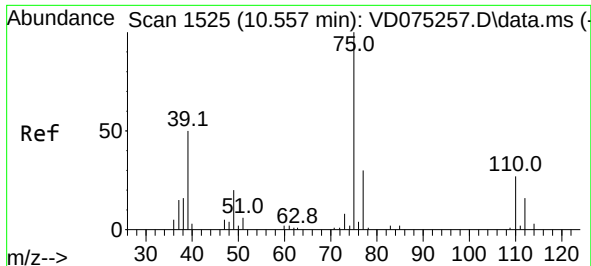
Tgt Ion: 43 Resp: 92462
Ion Ratio Lower Upper
43 100
58 36.1 31.4 47.0



#52
Toluene
Concen: 54.334 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion: 92 Resp: 79690
Ion Ratio Lower Upper
92 100
91 172.1 137.0 205.4

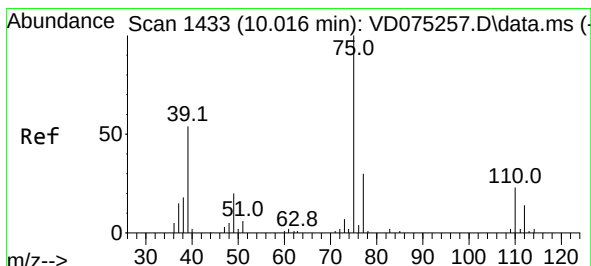
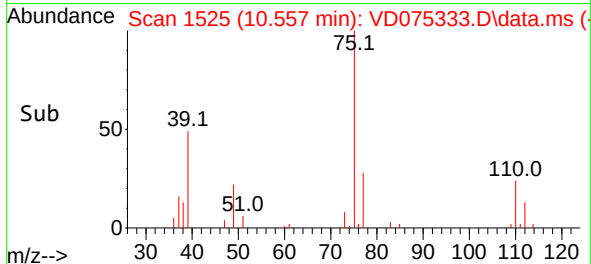
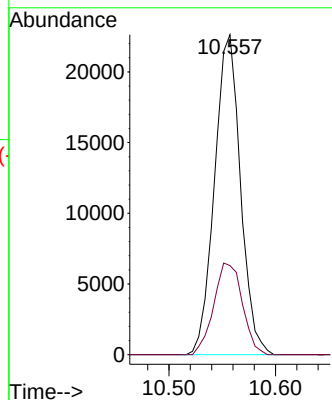
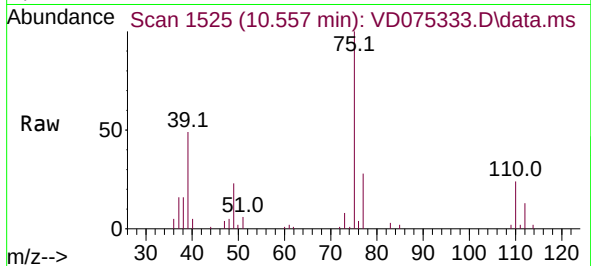




#53
 t-1,3-Dichloropropene
 Concen: 54.138 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD075333.D
 Acq: 14 Feb 2023 09:56

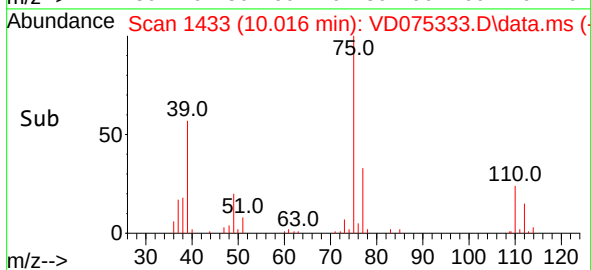
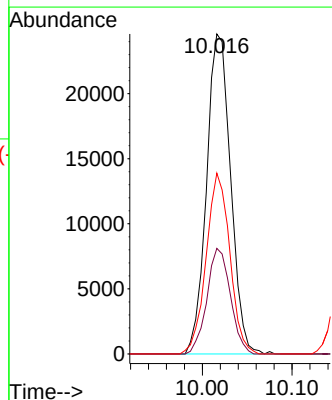
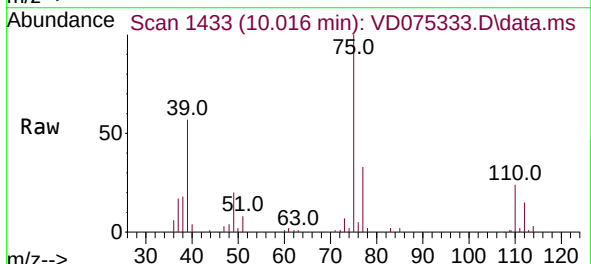
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

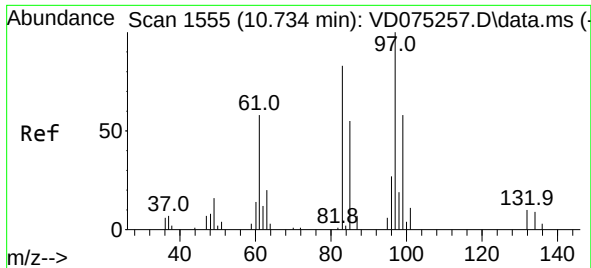
Tgt Ion: 75 Resp: 38248
 Ion Ratio Lower Upper
 75 100
 77 27.9 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 54.227 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075333.D
 Acq: 14 Feb 2023 09:56

Tgt Ion: 75 Resp: 45804
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.1 37.7
 39 56.5 37.9 56.9

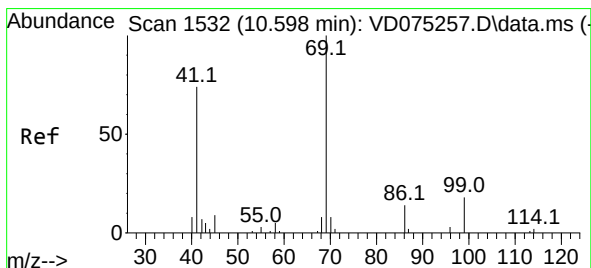
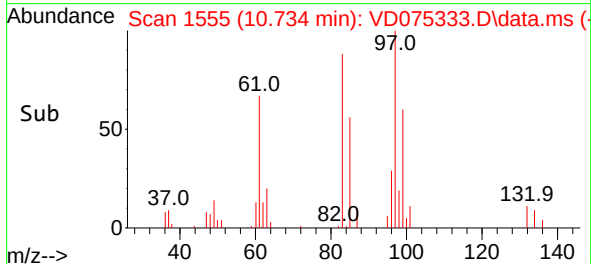
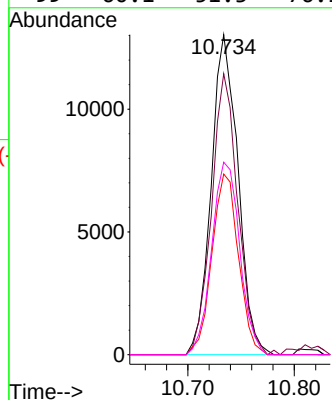
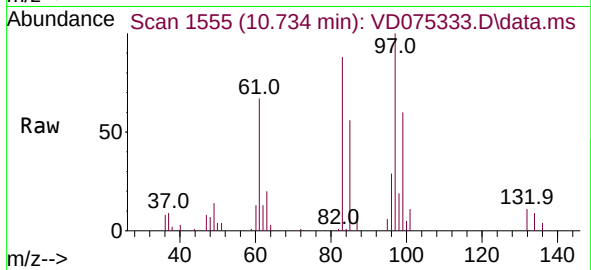




#55
1,1,2-Trichloroethane
Concen: 54.331 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

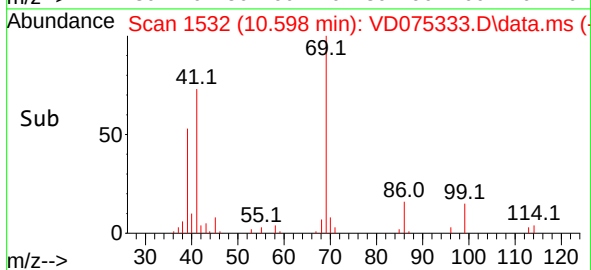
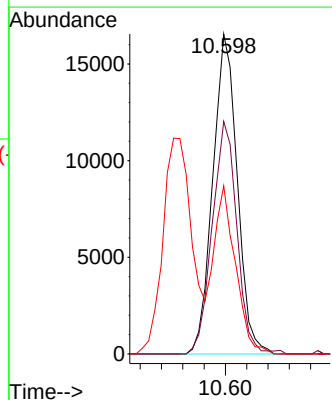
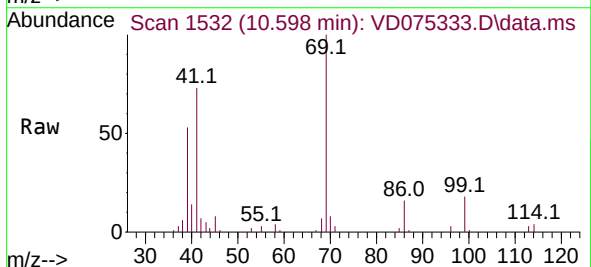
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

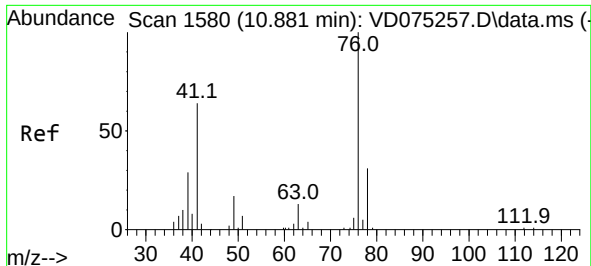
Tgt Ion:	97	Resp:	22729
Ion	Ratio	Lower	Upper
97	100		
83	87.8	69.4	104.0
85	56.5	46.0	69.0
99	60.1	51.3	76.9



#56
Ethyl methacrylate
Concen: 54.163 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion:	69	Resp:	26342
Ion	Ratio	Lower	Upper
69	100		
41	73.4	55.7	83.5
39	46.6	31.4	47.0





#57

1,3-Dichloropropane

Concen: 53.891 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

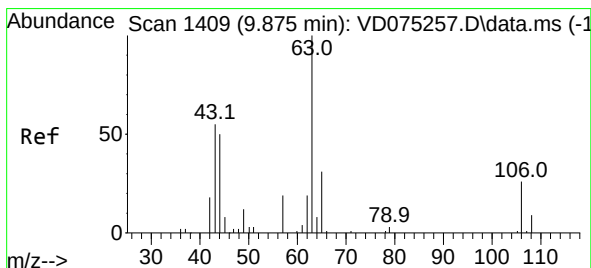
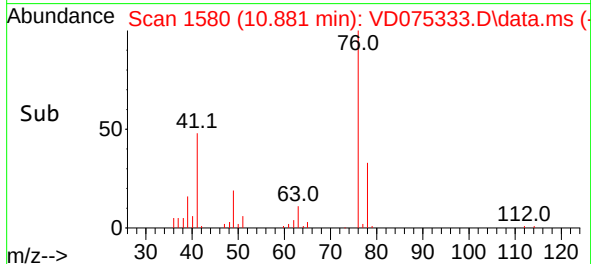
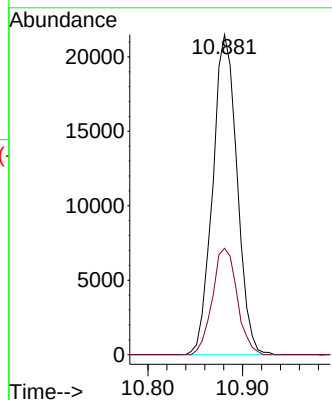
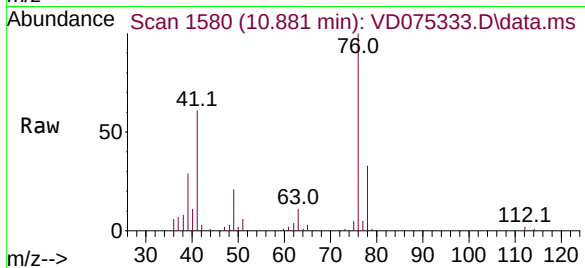
VSTDCCC050

Tgt Ion: 76 Resp: 38406

Ion Ratio Lower Upper

76 100

78 33.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 202.996 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.006 min

Lab File: VD075333.D

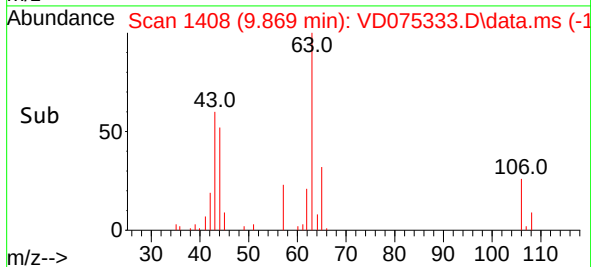
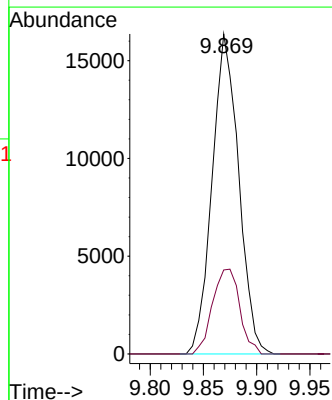
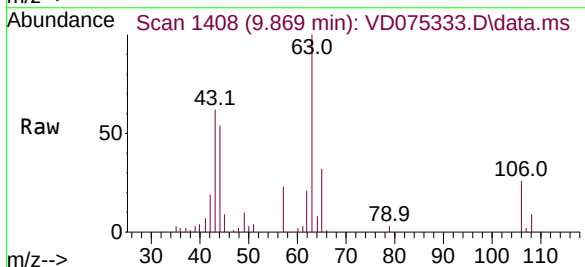
Acq: 14 Feb 2023 09:56

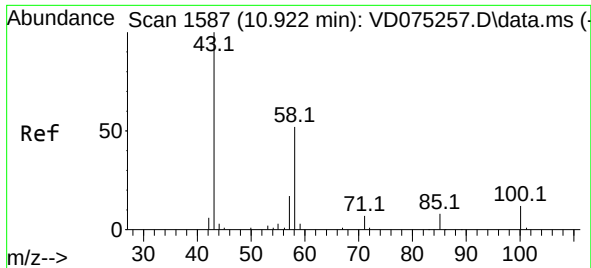
Tgt Ion: 63 Resp: 28363

Ion Ratio Lower Upper

63 100

106 27.2 22.6 33.8

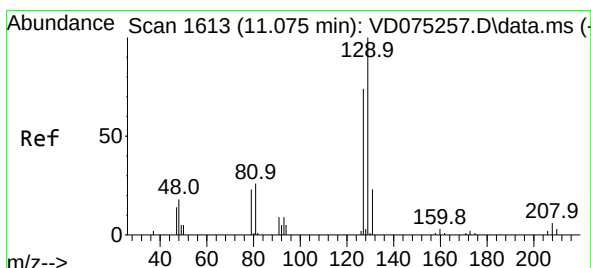
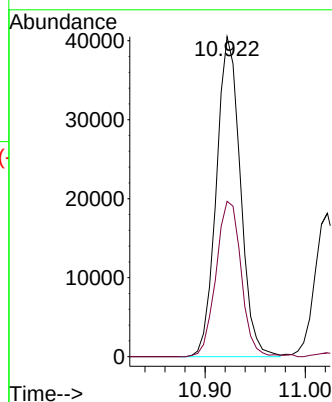
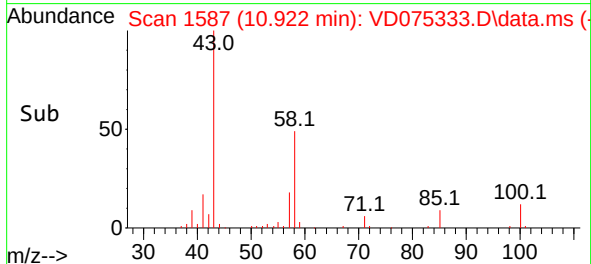
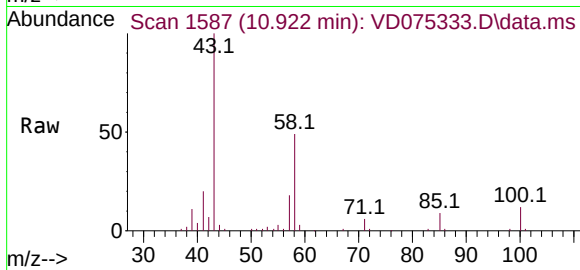




#59
2-Hexanone
Concen: 264.226 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

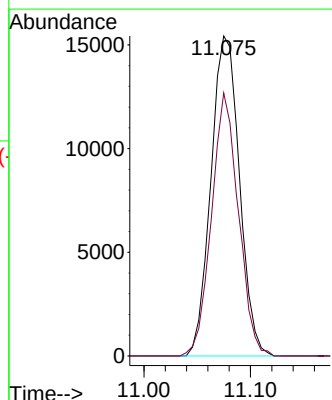
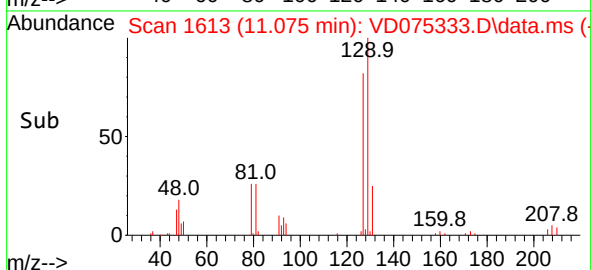
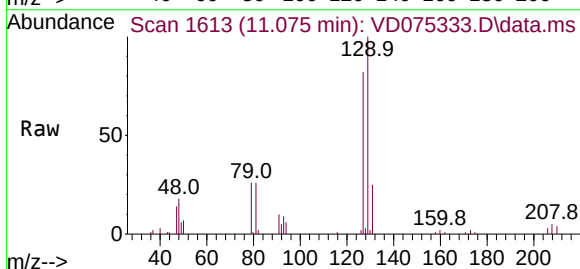
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

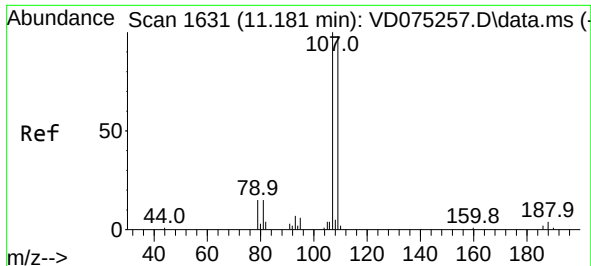
Tgt Ion: 43 Resp: 67381
Ion Ratio Lower Upper
43 100
58 51.0 26.8 80.4



#60
Dibromochloromethane
Concen: 55.380 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion: 129 Resp: 28704
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.6

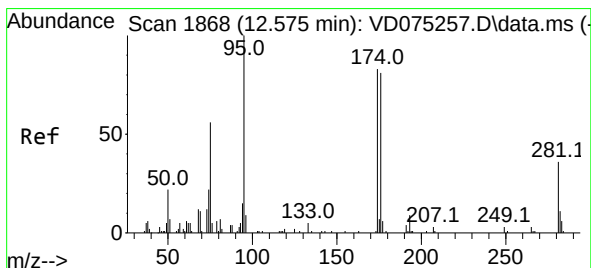
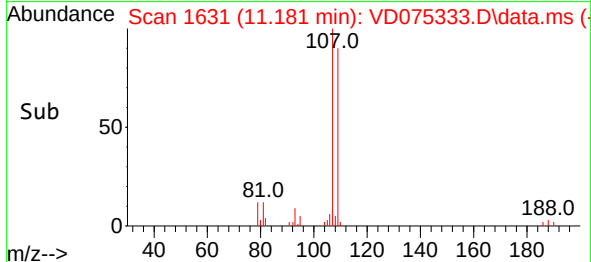
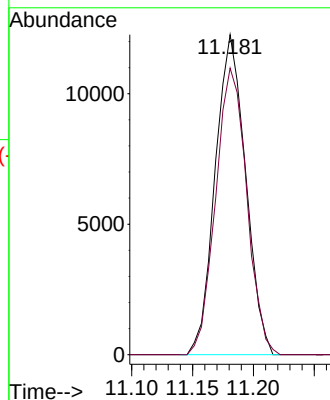
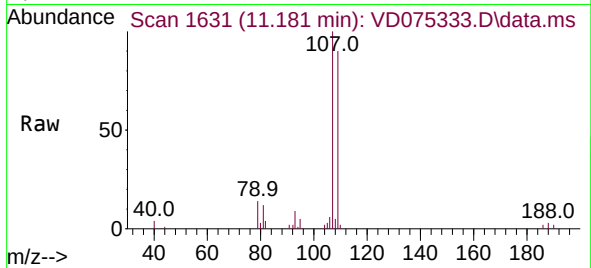




#61
1,2-Dibromoethane
Concen: 52.749 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

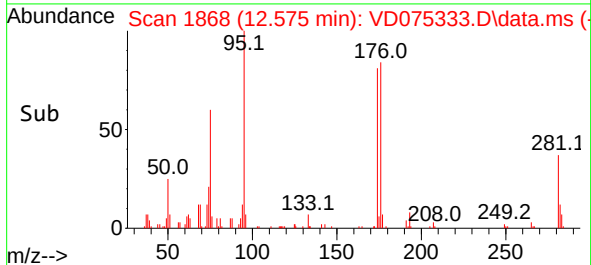
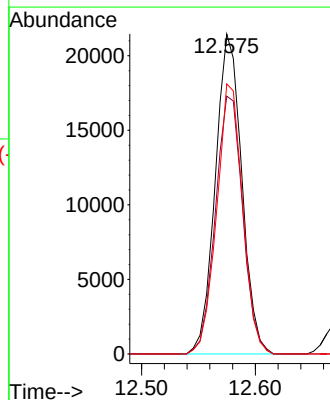
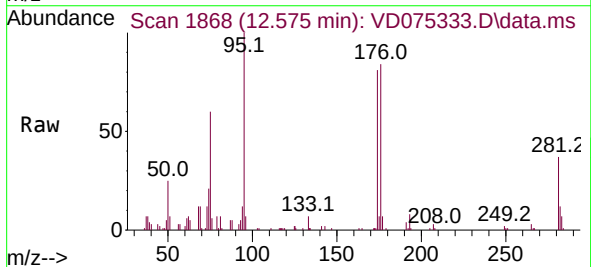
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

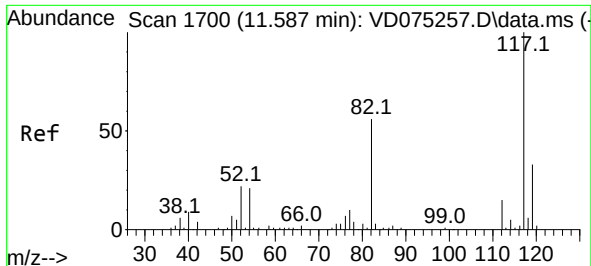
Tgt Ion:107 Resp: 21278
Ion Ratio Lower Upper
107 100
109 91.5 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 52.135 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion: 95 Resp: 34674
Ion Ratio Lower Upper
95 100
174 83.2 0.0 161.2
176 82.9 0.0 160.2

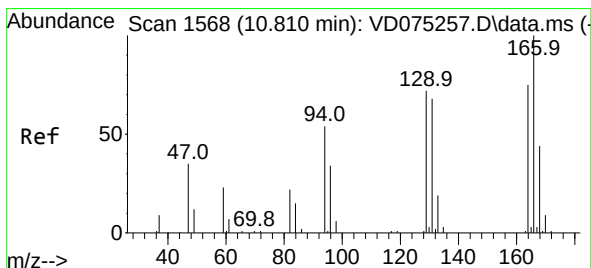
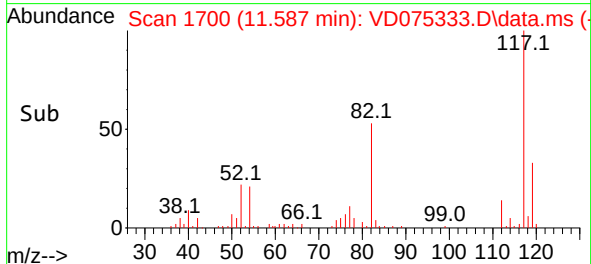
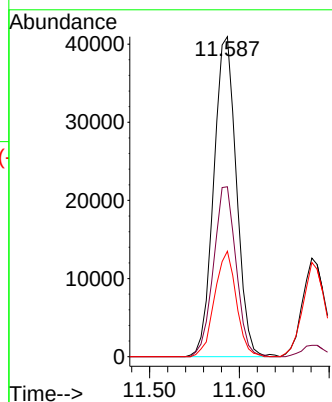
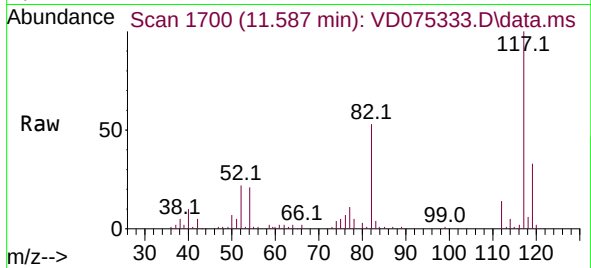




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

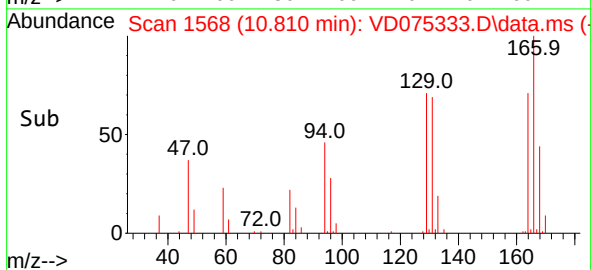
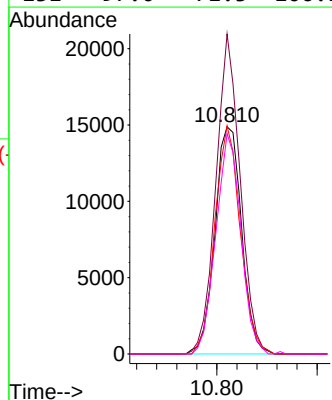
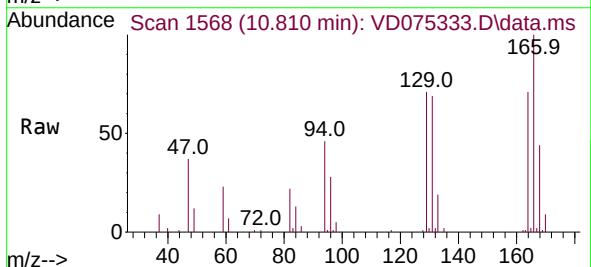
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

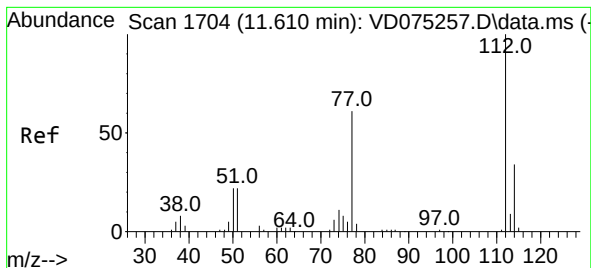
Tgt Ion:117 Resp: 71860
Ion Ratio Lower Upper
117 100
82 53.1 39.6 59.4
119 33.0 24.6 37.0



#64
Tetrachloroethene
Concen: 49.545 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion:164 Resp: 27421
Ion Ratio Lower Upper
164 100
166 140.8 105.3 157.9
129 100.4 76.2 114.4
131 97.0 71.3 106.9





#65

Chlorobenzene

Concen: 51.518 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

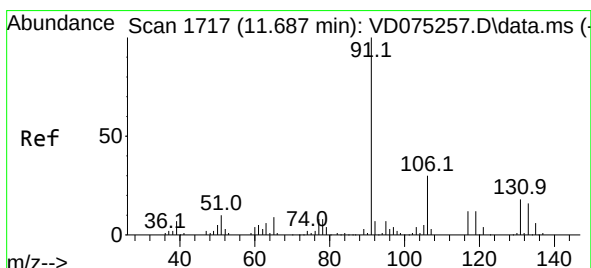
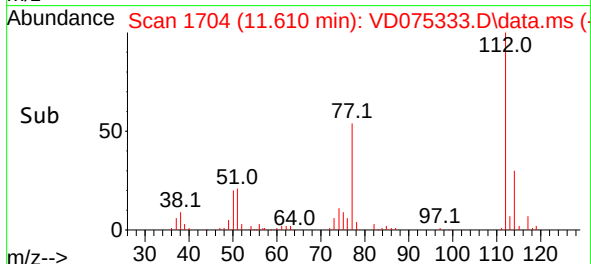
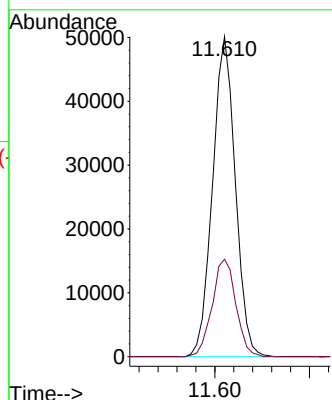
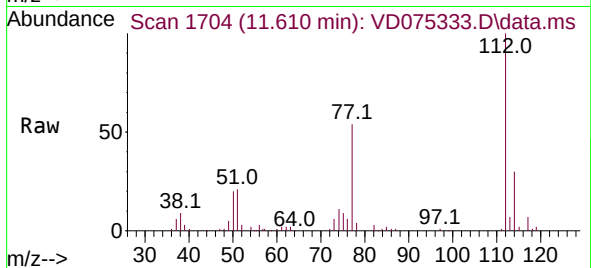
VSTDCCC050

Tgt Ion:112 Resp: 83488

Ion Ratio Lower Upper

112 100

114 30.5 24.7 37.1



#66

1,1,1,2-Tetrachloroethane

Concen: 53.980 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

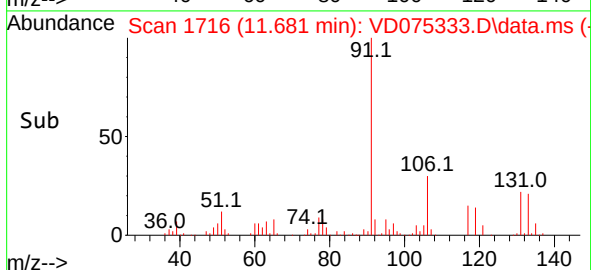
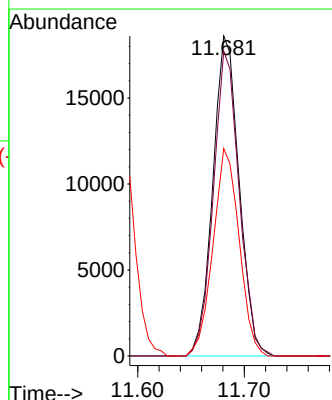
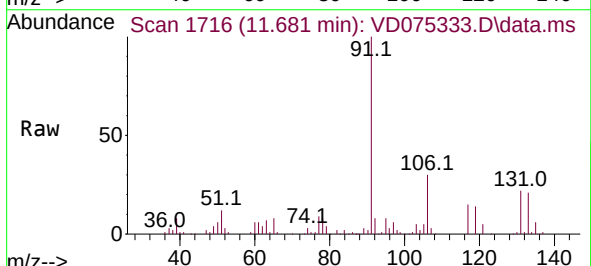
Tgt Ion:131 Resp: 31849

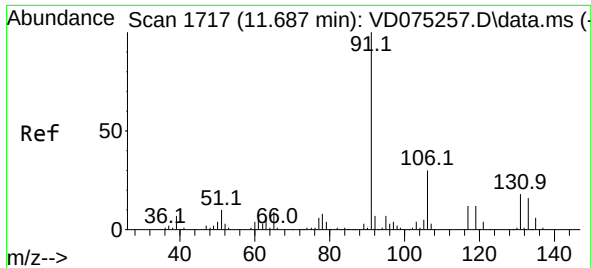
Ion Ratio Lower Upper

131 100

133 93.9 49.0 147.2

119 64.6 34.8 104.5





#67

Ethyl Benzene

Concen: 51.902 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

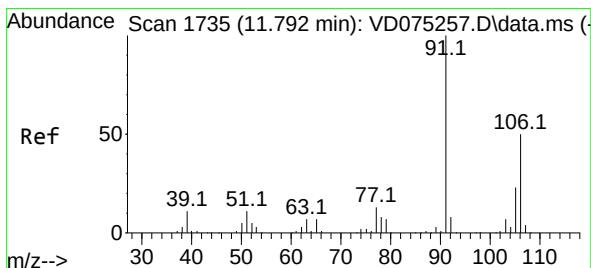
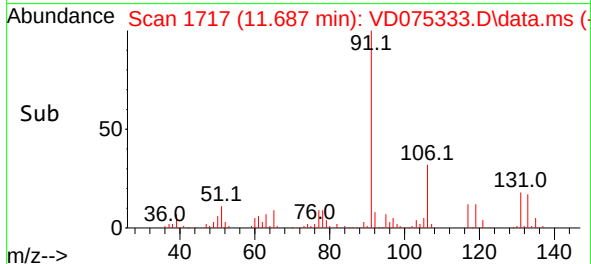
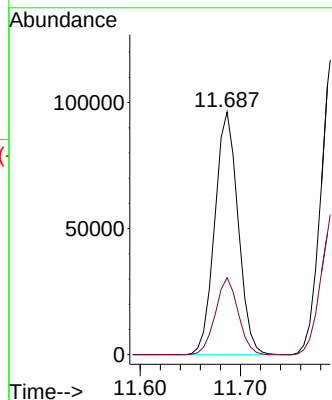
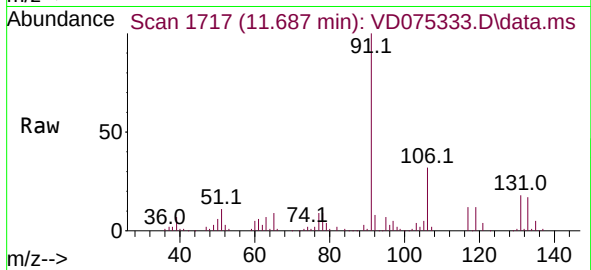
VSTDCCC050

Tgt Ion: 91 Resp: 155284

Ion Ratio Lower Upper

91 100

106 31.7 25.0 37.6



#68

m/p-Xylenes

Concen: 105.529 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD075333.D

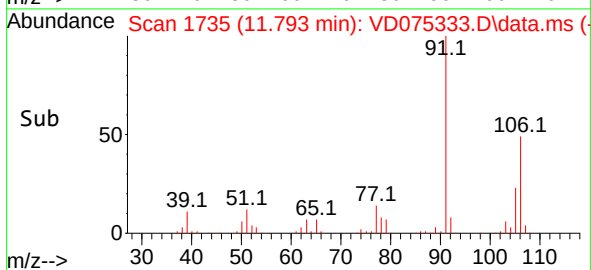
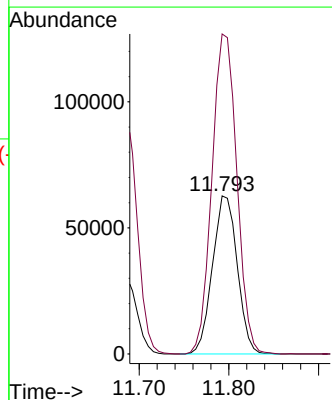
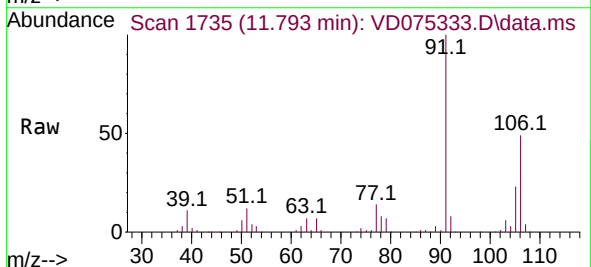
Acq: 14 Feb 2023 09:56

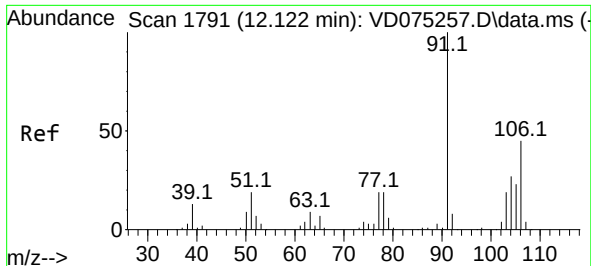
Tgt Ion:106 Resp: 120100

Ion Ratio Lower Upper

106 100

91 203.6 160.3 240.5

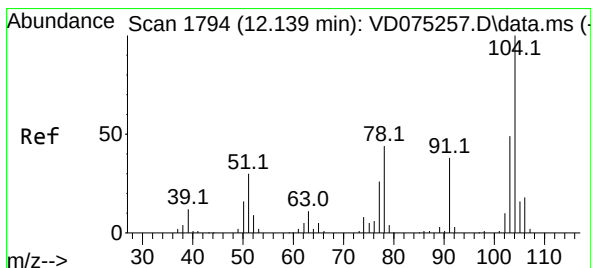
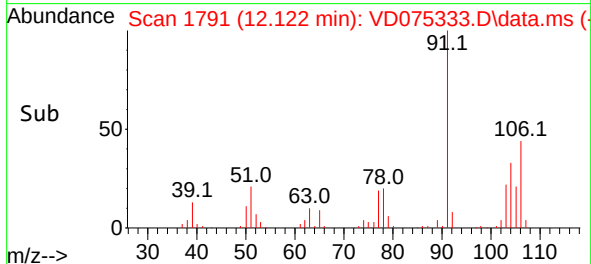
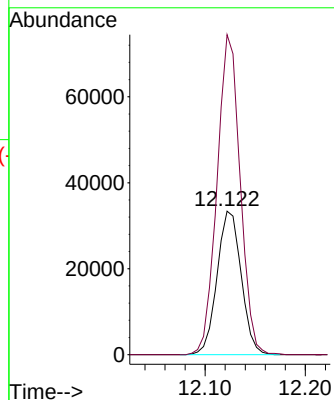
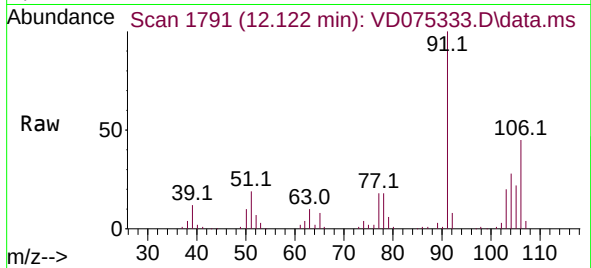




#69
o-Xylene
Concen: 52.445 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

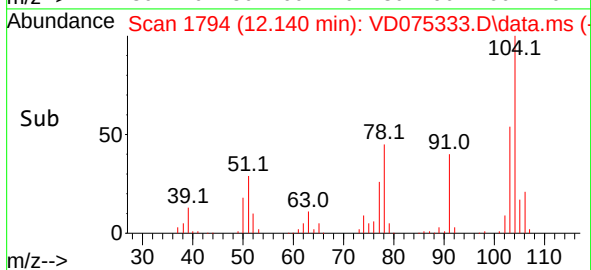
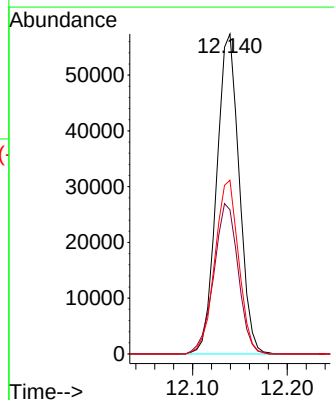
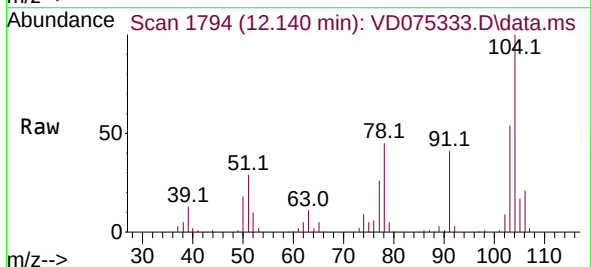
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

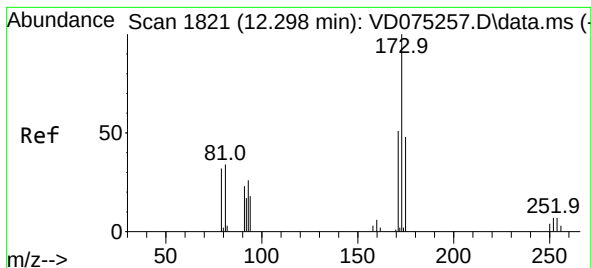
Tgt Ion:106 Resp: 55752
Ion Ratio Lower Upper
106 100
91 214.3 103.6 310.9



#70
Styrene
Concen: 52.823 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion:104 Resp: 95121
Ion Ratio Lower Upper
104 100
78 50.8 38.9 58.3
103 57.2 43.6 65.4





#71

Bromoform

Concen: 51.568 ug/l

RT: 12.304 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

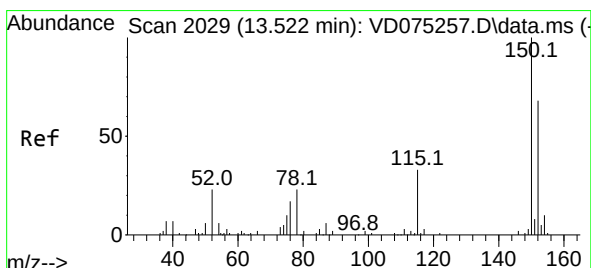
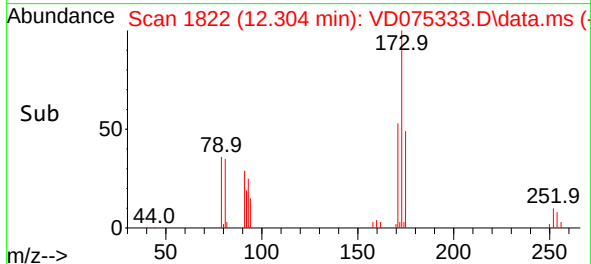
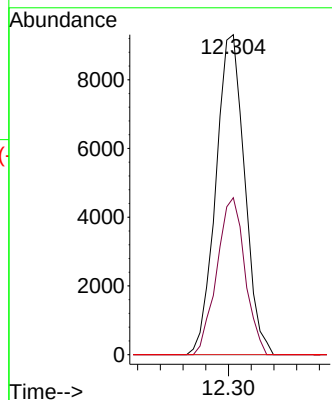
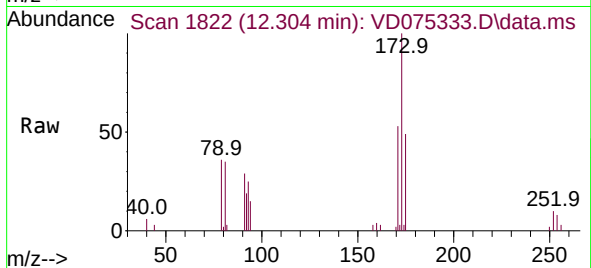
Tgt Ion:173 Resp: 16343

Ion Ratio Lower Upper

173 100

175 47.9 25.4 76.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

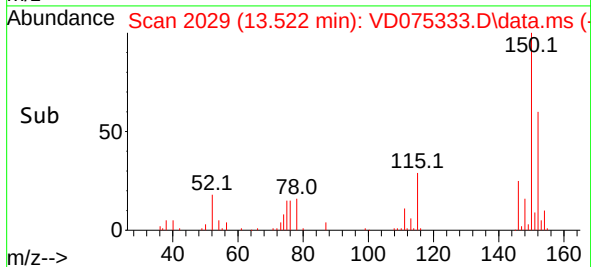
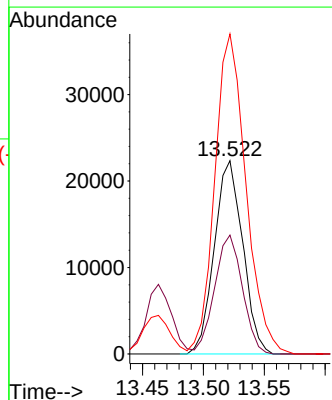
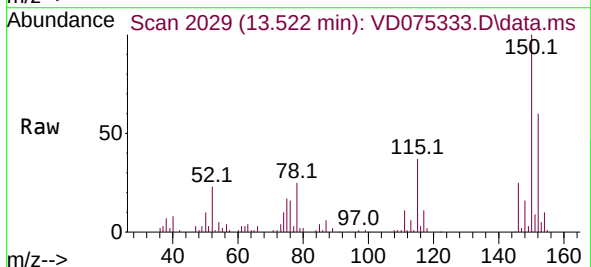
Tgt Ion:152 Resp: 36275

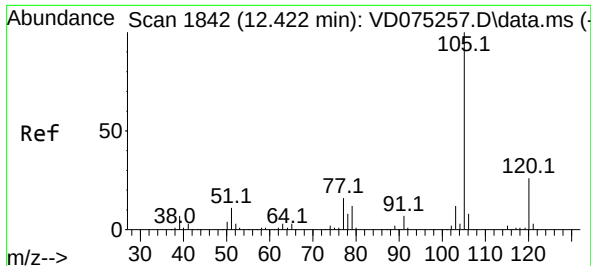
Ion Ratio Lower Upper

152 100

115 60.1 28.8 86.4

150 181.4 0.0 348.6

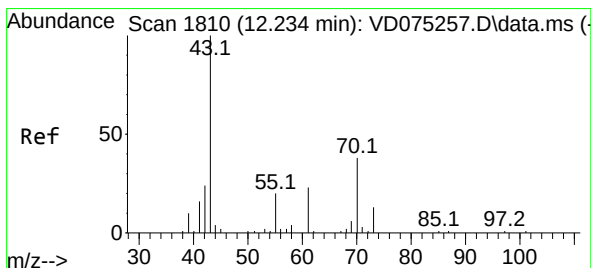
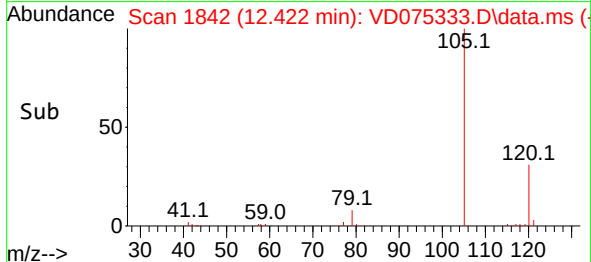
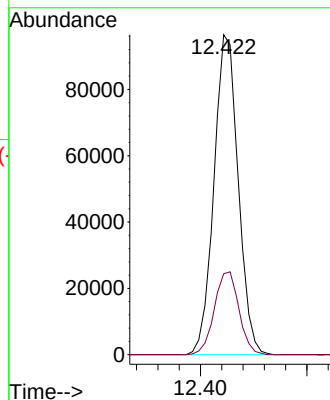
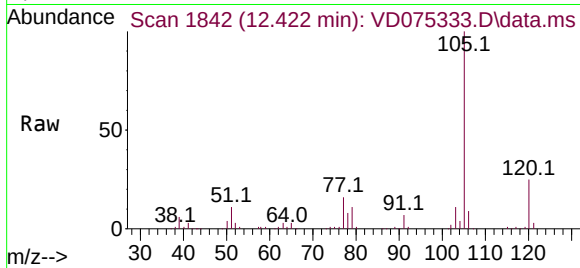




#73
Isopropylbenzene
Concen: 51.737 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

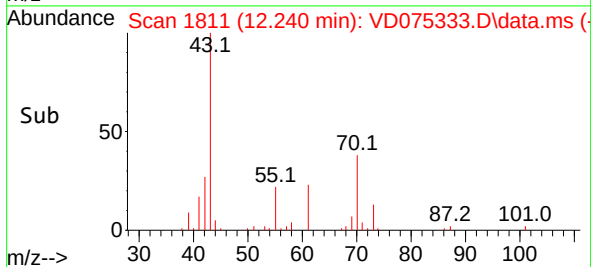
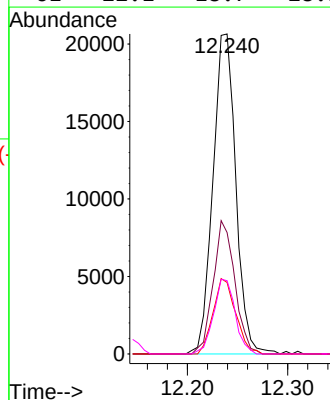
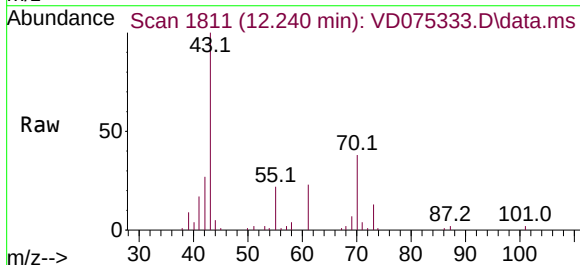
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

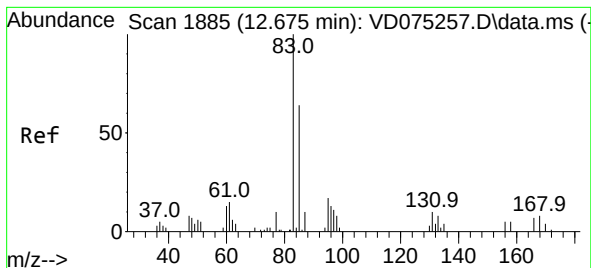
Tgt Ion:105 Resp: 152038
Ion Ratio Lower Upper
105 100
120 26.3 13.7 41.1



#74
N-ethyl acetate
Concen: 49.473 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion: 43 Resp: 32670
Ion Ratio Lower Upper
43 100
70 39.5 32.6 49.0
55 23.2 17.8 26.8
61 22.1 18.7 28.1

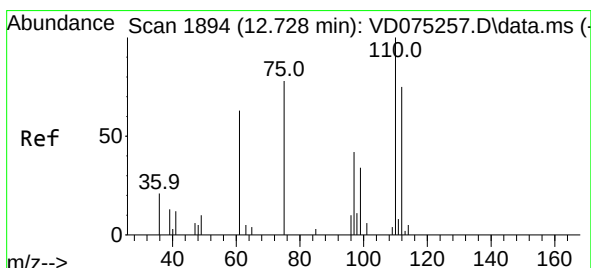
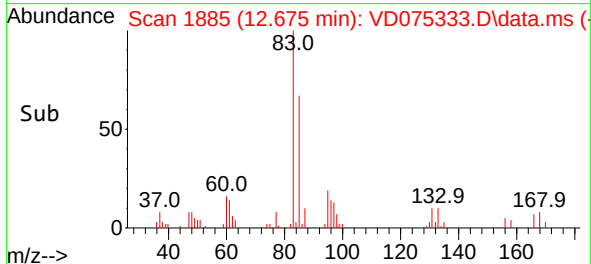
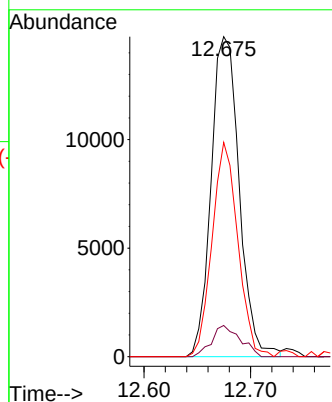
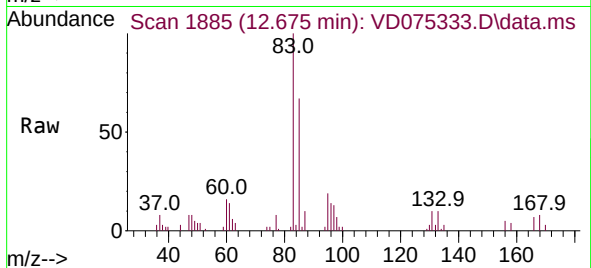




#75
1,1,2,2-Tetrachloroethane
Concen: 52.849 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

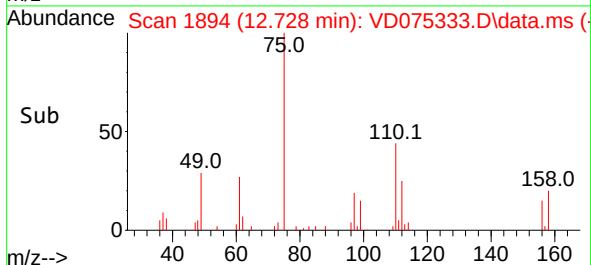
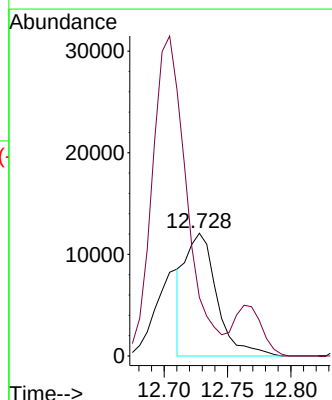
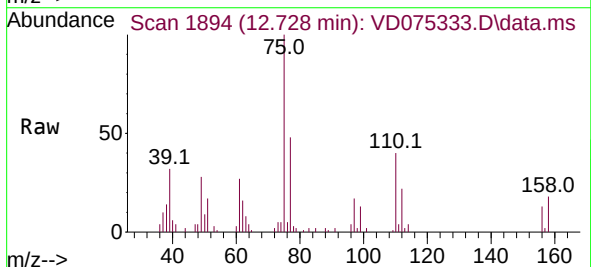
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

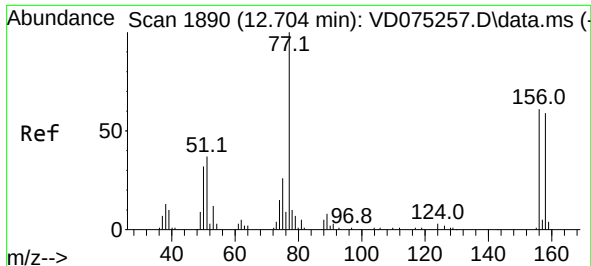
Tgt Ion: 83 Resp: 27020
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.6
85 61.2 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 51.258 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion: 75 Resp: 21120
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

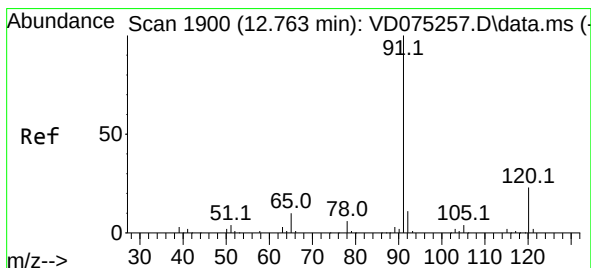
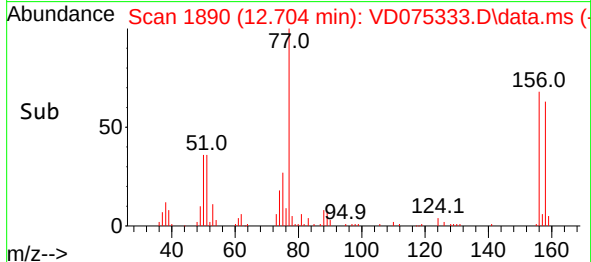
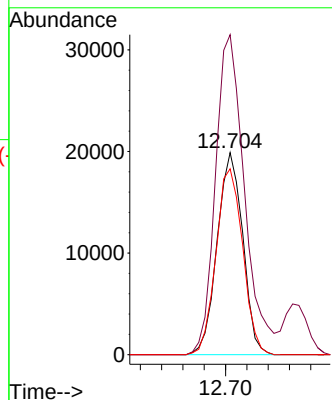
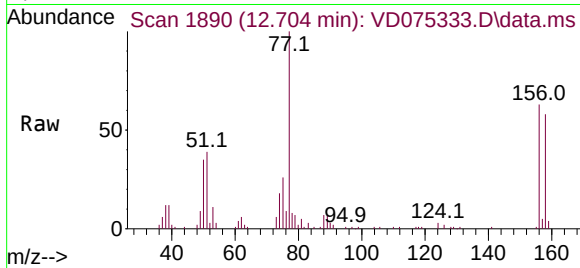




#77
Bromobenzene
Concen: 49.890 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

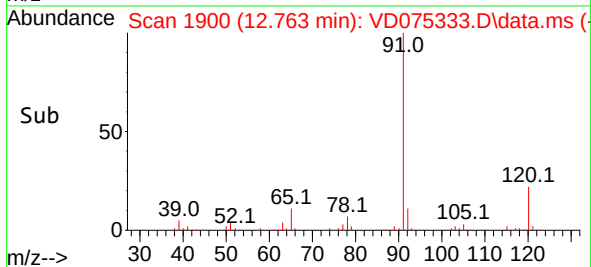
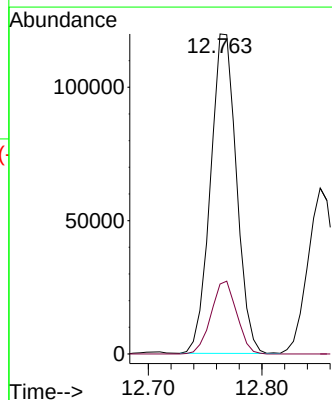
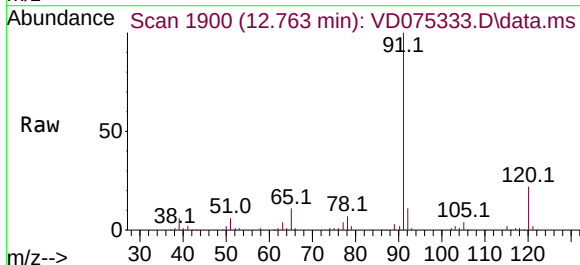
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

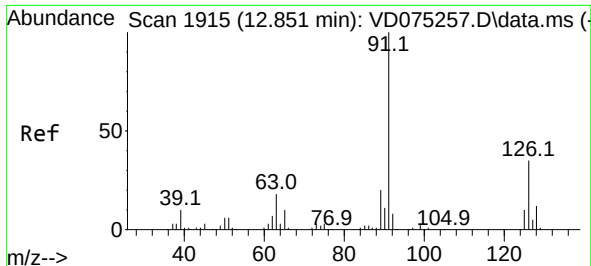
Tgt Ion:156 Resp: 33199
Ion Ratio Lower Upper
156 100
77 179.1 85.6 256.8
158 96.0 47.3 141.9



#78
n-propylbenzene
Concen: 52.083 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion: 91 Resp: 190448
Ion Ratio Lower Upper
91 100
120 22.4 11.7 35.0





#79

2-Chlorotoluene

Concen: 51.599 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

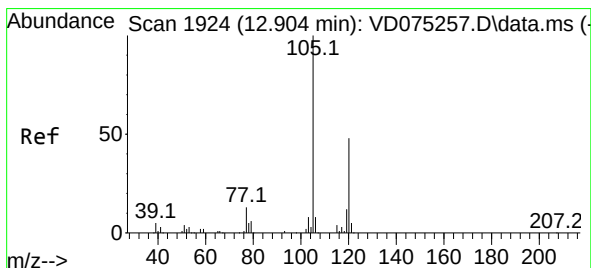
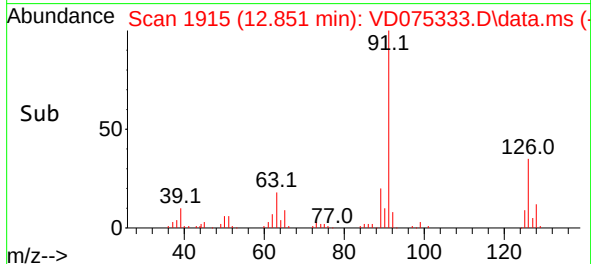
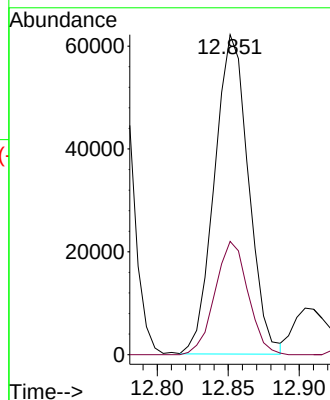
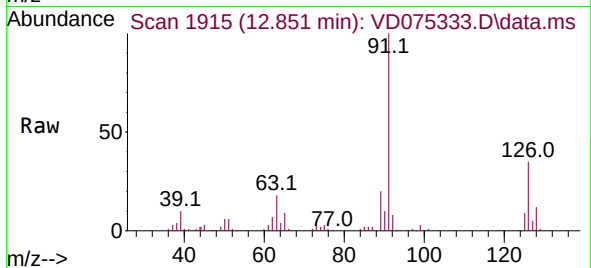
VSTDCCC050

Tgt Ion: 91 Resp: 103494

Ion Ratio Lower Upper

91 100

126 34.4 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 52.745 ug/l

RT: 12.910 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VD075333.D

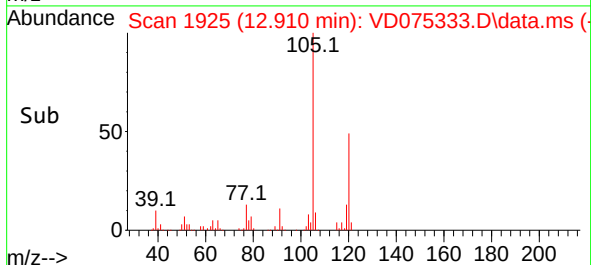
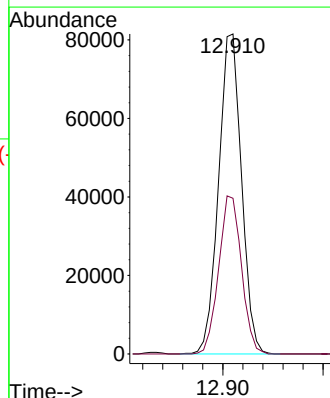
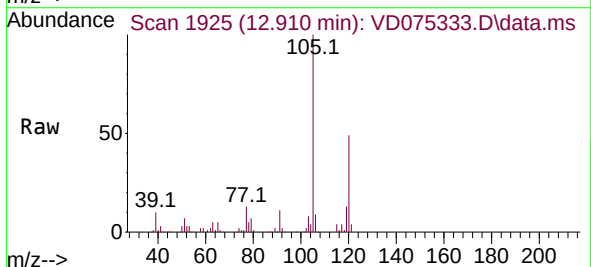
Acq: 14 Feb 2023 09:56

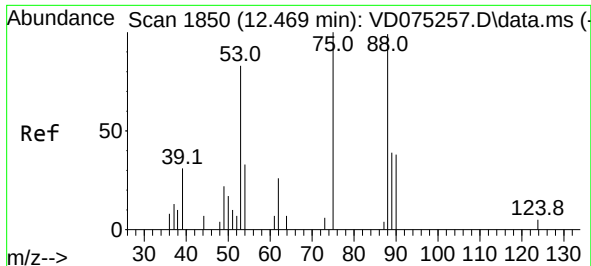
Tgt Ion:105 Resp: 129060

Ion Ratio Lower Upper

105 100

120 49.1 24.6 73.8

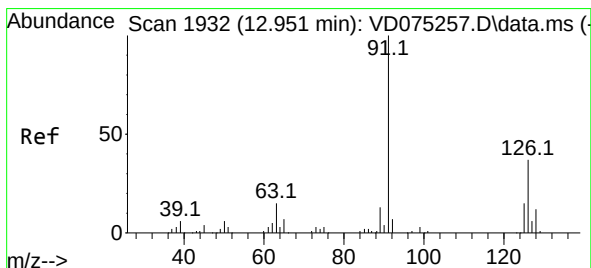
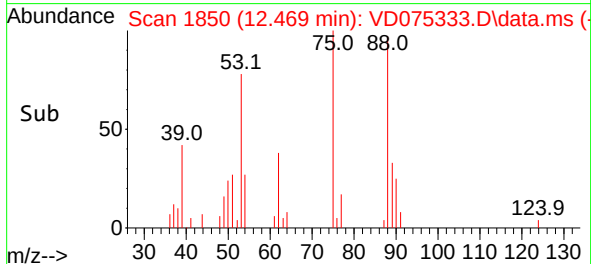
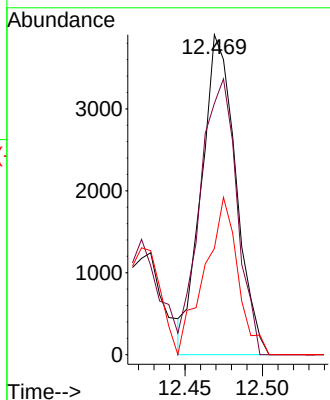
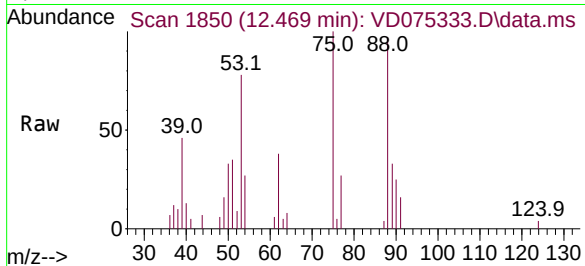




#81
trans-1,4-Dichloro-2-butene
Concen: 47.330 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

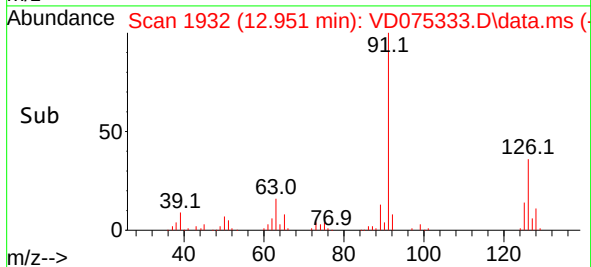
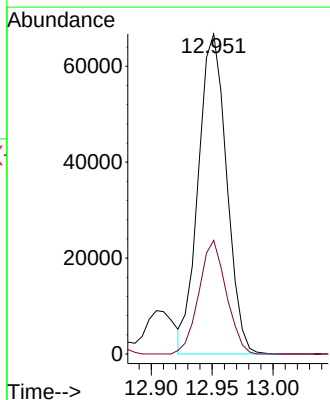
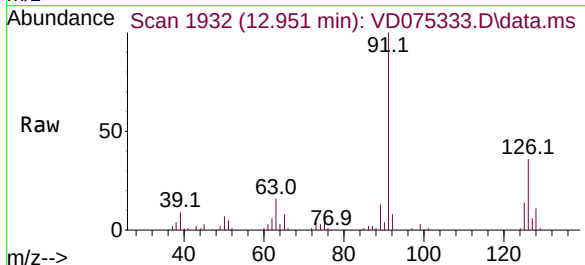
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

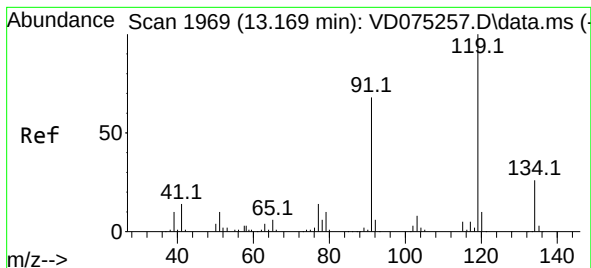
Tgt Ion: 75 Resp: 5993
Ion Ratio Lower Upper
75 100
53 92.0 70.5 105.7
89 47.4 34.6 52.0



#82
4-Chlorotoluene
Concen: 51.636 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion: 91 Resp: 108037
Ion Ratio Lower Upper
91 100
126 34.3 17.3 52.0





#83

tert-Butylbenzene

Concen: 51.722 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD075333.D

Acq: 14 Feb 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

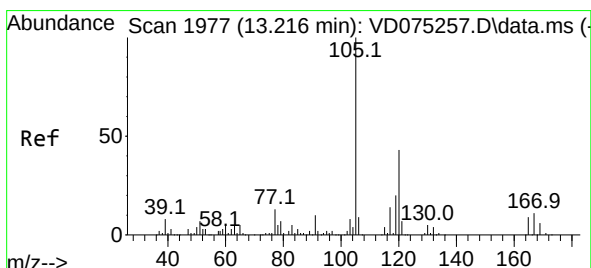
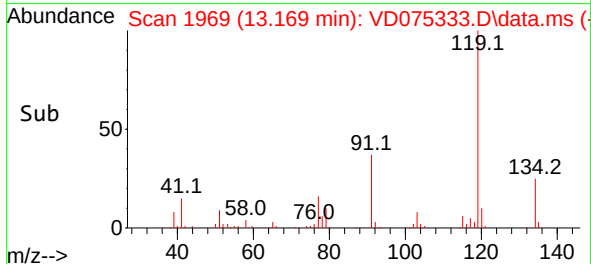
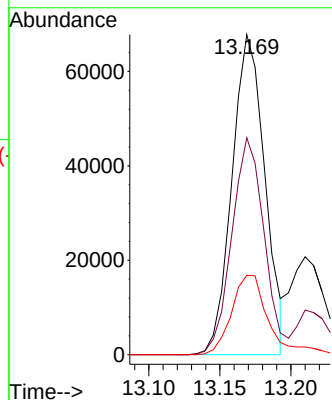
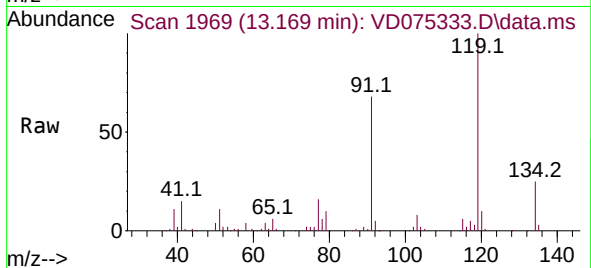
Tgt Ion:119 Resp: 109106

Ion Ratio Lower Upper

119 100

91 66.9 32.9 98.6

134 27.8 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 52.884 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075333.D

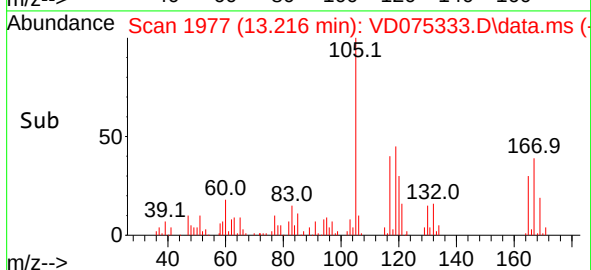
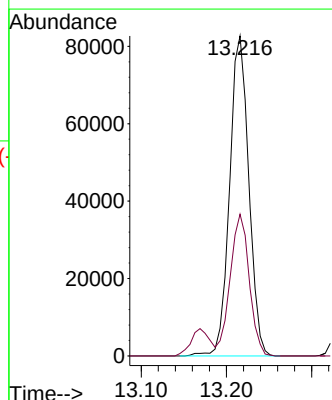
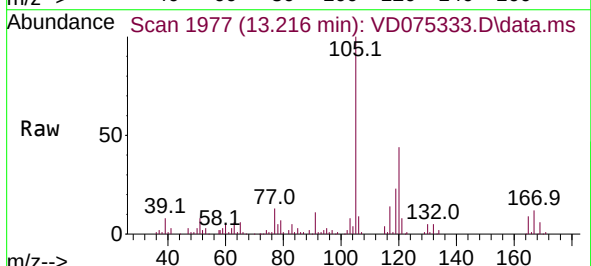
Acq: 14 Feb 2023 09:56

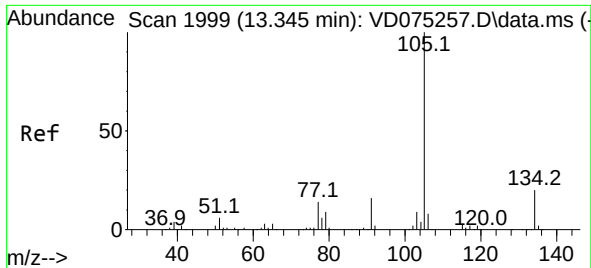
Tgt Ion:105 Resp: 129242

Ion Ratio Lower Upper

105 100

120 44.0 23.2 69.5

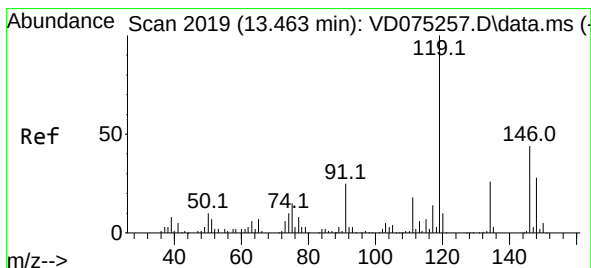
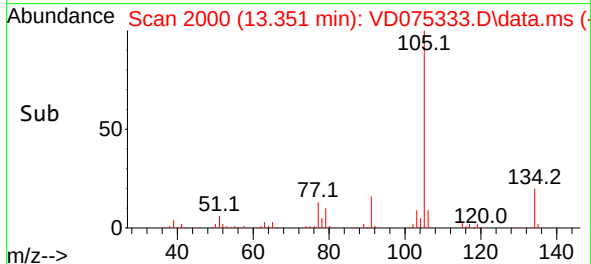
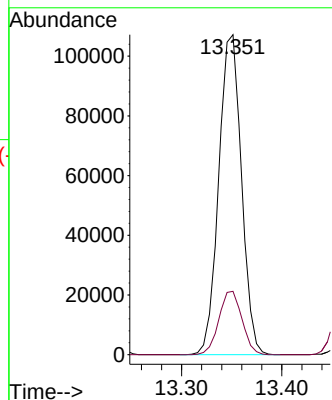
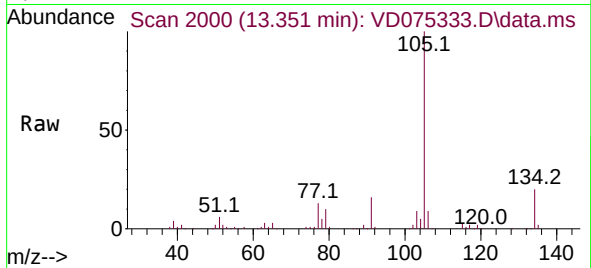




#85
 sec-Butylbenzene
 Concen: 52.115 ug/l
 RT: 13.351 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD075333.D
 Acq: 14 Feb 2023 09:56

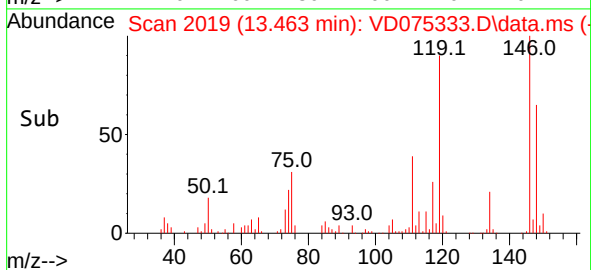
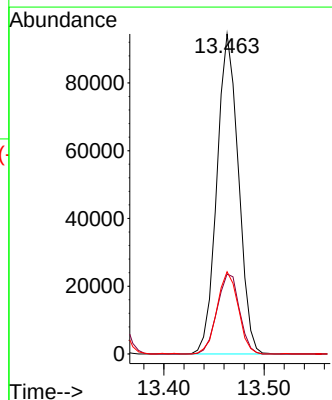
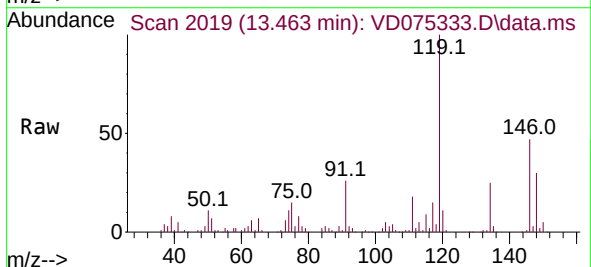
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

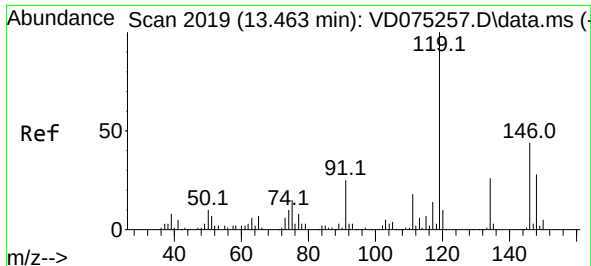
Tgt Ion:105 Resp: 168651
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 53.200 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075333.D
 Acq: 14 Feb 2023 09:56

Tgt Ion:119 Resp: 140832
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.8
 91 25.3 11.9 35.5

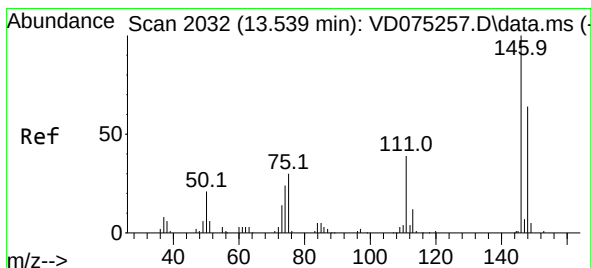
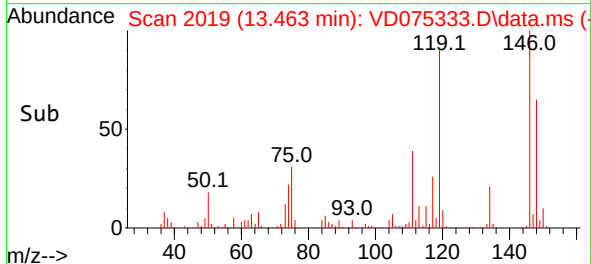
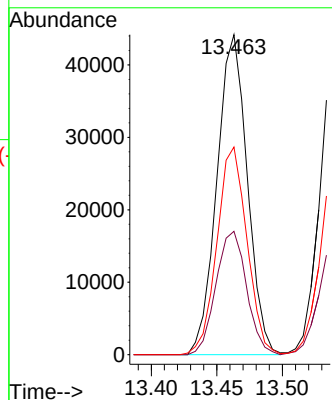
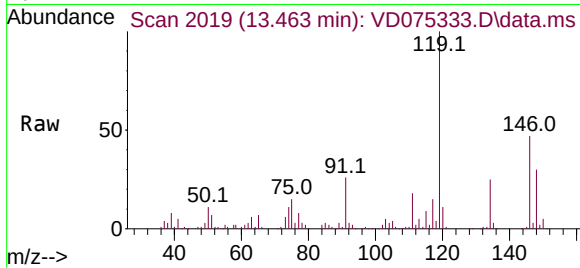




#87
1,3-Dichlorobenzene
Concen: 52.923 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

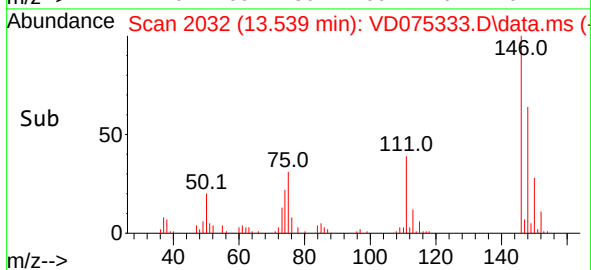
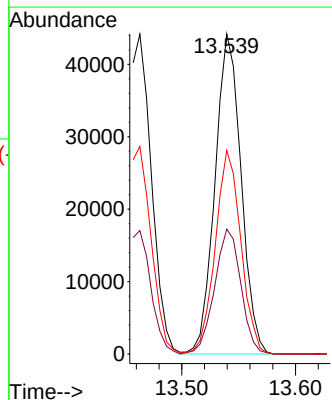
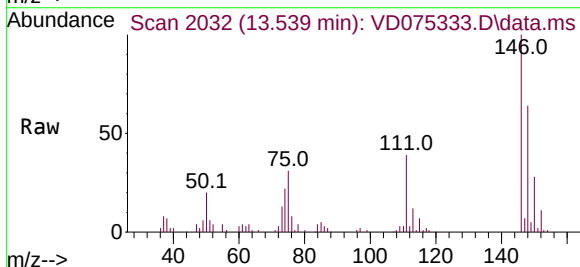
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

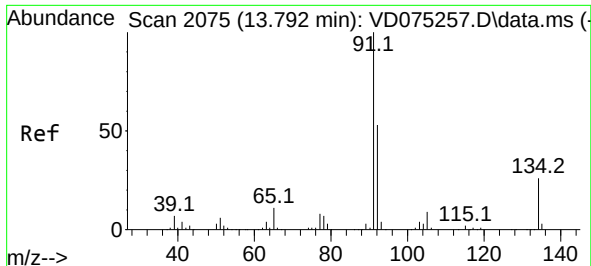
Tgt Ion:146 Resp: 71181
Ion Ratio Lower Upper
146 100
111 38.8 18.9 56.9
148 64.1 31.1 93.3



#88
1,4-Dichlorobenzene
Concen: 52.457 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion:146 Resp: 70598
Ion Ratio Lower Upper
146 100
111 39.2 19.7 59.1
148 62.5 31.9 95.5

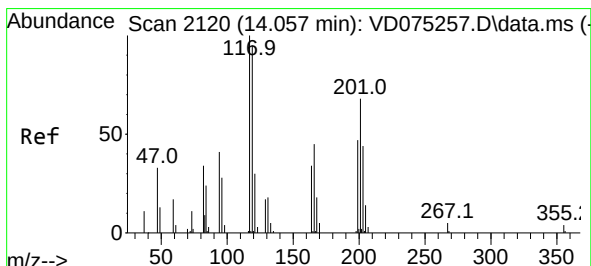
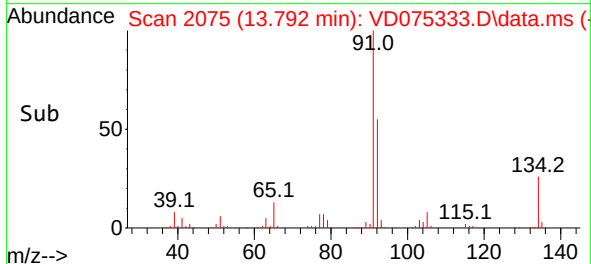
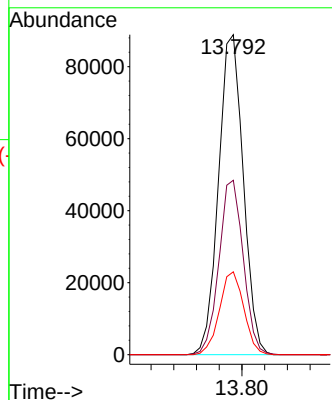
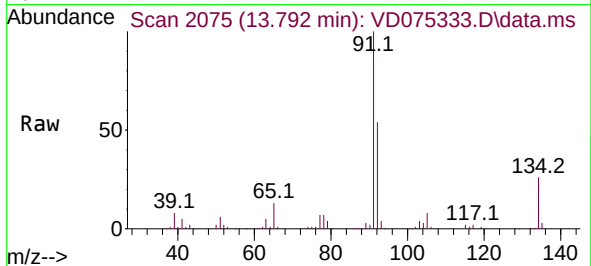




#89
n-Butylbenzene
Concen: 52.036 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

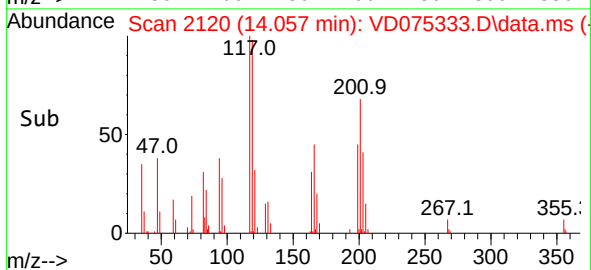
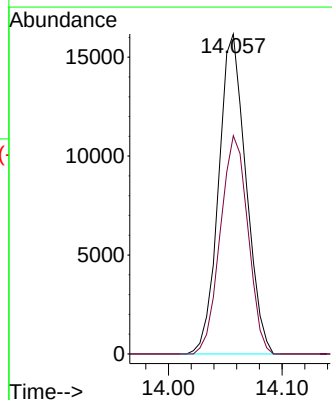
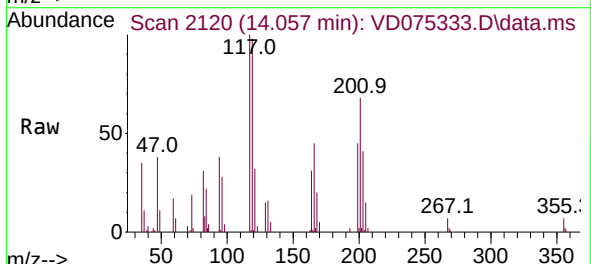
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

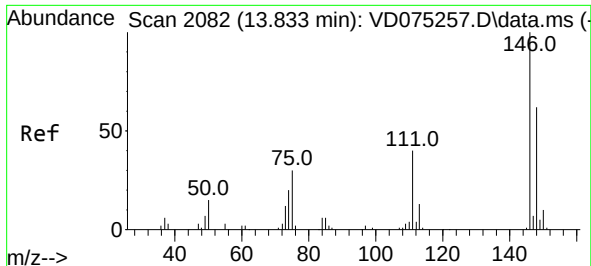
Tgt Ion: 91 Resp: 134481
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.3
134 25.5 13.3 39.8



#90
Hexachloroethane
Concen: 51.781 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion: 117 Resp: 27024
Ion Ratio Lower Upper
117 100
201 68.8 35.1 105.5

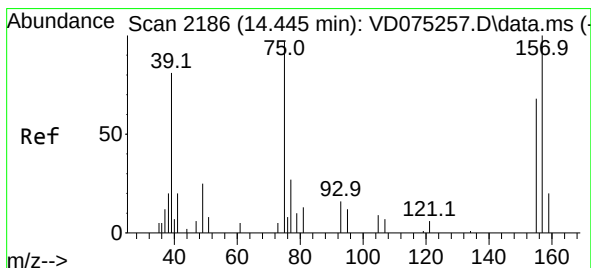
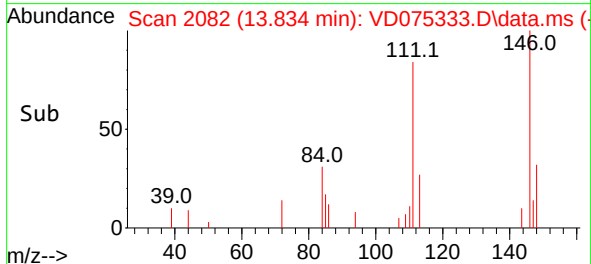
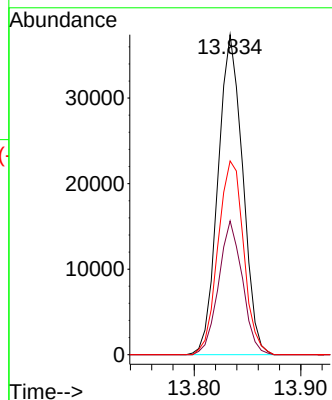
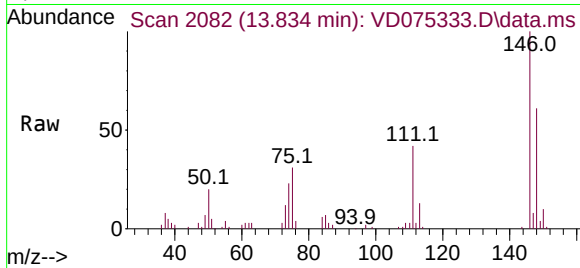




#91
1,2-Dichlorobenzene
Concen: 51.582 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.001 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

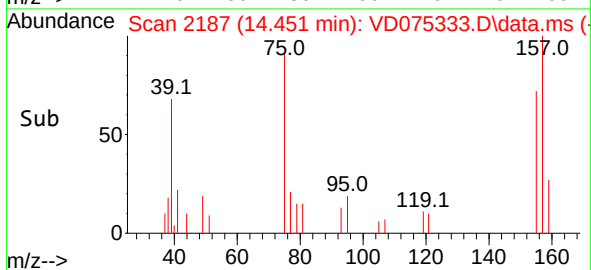
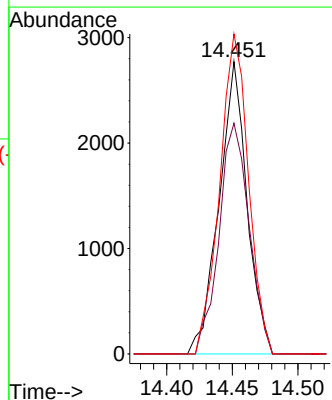
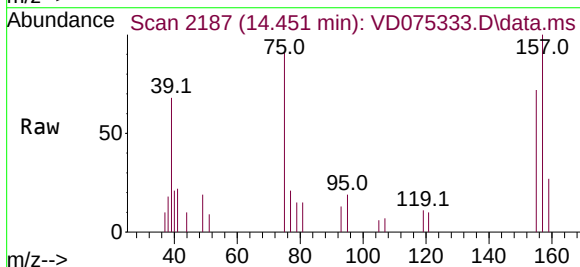
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

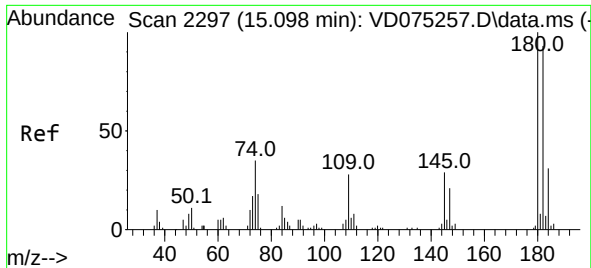
Tgt Ion:146 Resp: 60197
Ion Ratio Lower Upper
146 100
111 40.2 20.4 61.2
148 62.8 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.766 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion: 75 Resp: 4105
Ion Ratio Lower Upper
75 100
155 84.7 43.4 130.2
157 112.9 56.4 169.2

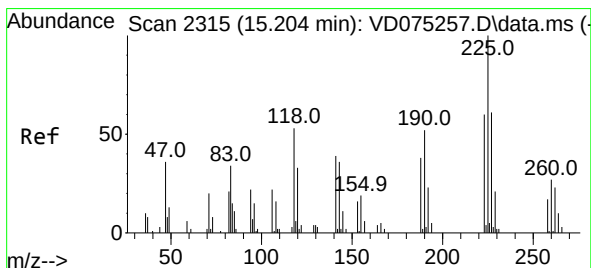
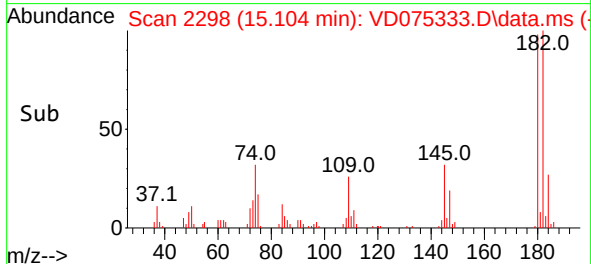
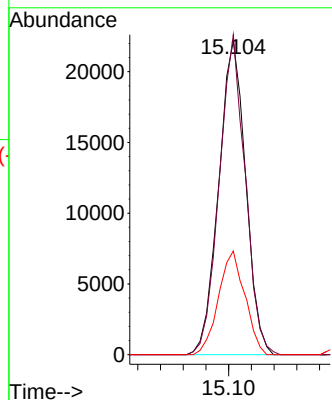
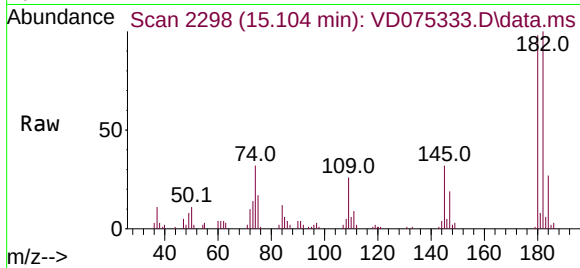




#93
1,2,4-Trichlorobenzene
Concen: 50.086 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

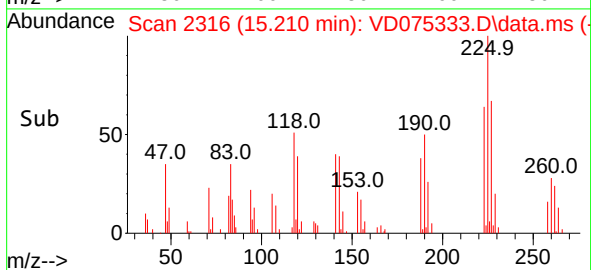
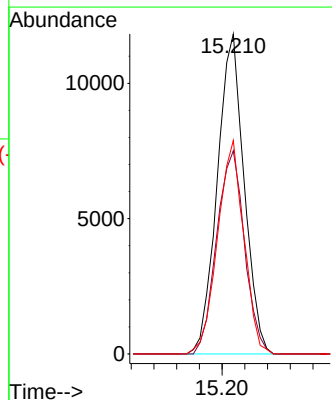
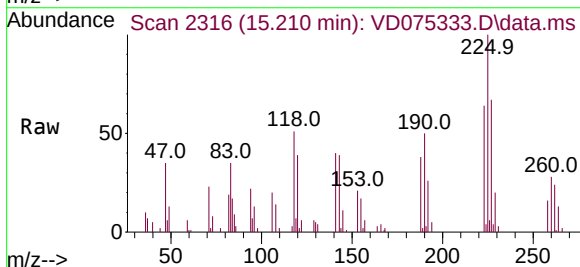
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

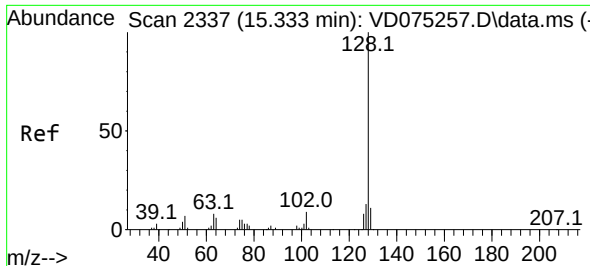
Tgt Ion:180 Resp: 36608
Ion Ratio Lower Upper
180 100
182 97.7 46.2 138.6
145 32.3 15.8 47.4



#94
Hexachlorobutadiene
Concen: 50.309 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion:225 Resp: 19400
Ion Ratio Lower Upper
225 100
223 65.7 31.8 95.4
227 65.1 30.7 92.1

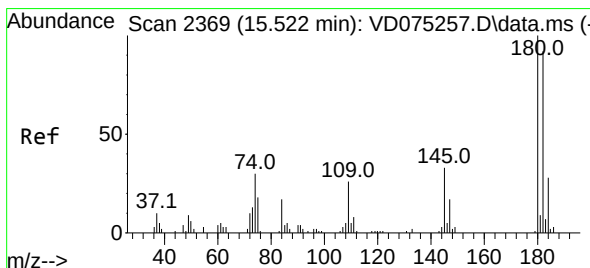
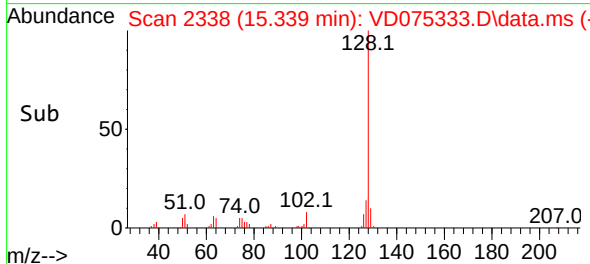
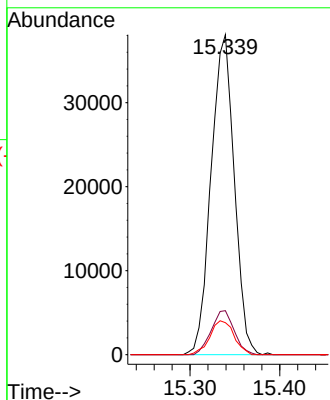
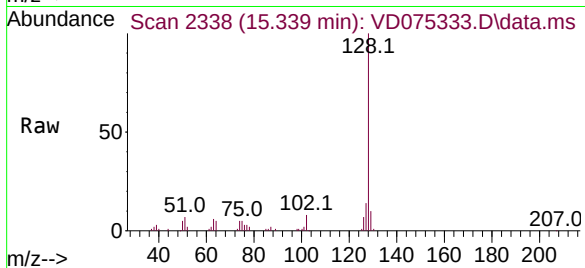




#95
Naphthalene
Concen: 50.190 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	68279
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.6	15.8
129	11.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.652 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075333.D
Acq: 14 Feb 2023 09:56

Tgt Ion:	180	Resp:	33204
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.0	141.0
145	31.6	16.1	48.3

