

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021723\
 Data File : VD075349.D
 Acq On : 17 Feb 2023 09:38
 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 18 01:03:03 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	52717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	83285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	74184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	38932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	30984	50.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.240%	
35) Dibromofluoromethane	7.805	113	31598	54.107	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.220%	
50) Toluene-d8	10.269	98	112260	50.688	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.380%	
62) 4-Bromofluorobenzene	12.575	95	38992	53.394	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.780%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	19546	45.777	ug/l	96
3) Chloromethane	2.146	50	34697	47.213	ug/l	99
4) Vinyl Chloride	2.281	62	38909	44.364	ug/l	98
5) Bromomethane	2.687	94	23159	41.271	ug/l	99
6) Chloroethane	2.834	64	28838	47.663	ug/l	97
7) Trichlorofluoromethane	3.170	101	51081	46.843	ug/l	97
8) Diethyl Ether	3.587	74	13687	46.690	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.964	101	30626	49.492	ug/l	97
10) Methyl Iodide	4.164	142	23490	32.270	ug/l	94
11) Tert butyl alcohol	5.046	59	8814	241.559	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	27107	45.942	ug/l	96
13) Acrolein	3.799	56	3833	191.430	ug/l	94
14) Allyl chloride	4.558	41	48481	49.385	ug/l	93
15) Acrylonitrile	5.252	53	36562	269.860	ug/l	96
16) Acetone	4.022	43	40771	249.438	ug/l	99
17) Carbon Disulfide	4.269	76	73107	40.162	ug/l	99
18) Methyl Acetate	4.558	43	21262	48.865	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	68611	50.649	ug/l	97
20) Methylene Chloride	4.799	84	33591	48.611	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	31592	47.316	ug/l	95
22) Diisopropyl ether	6.216	45	104526	53.531	ug/l	98
23) Vinyl Acetate	6.152	43	263042	386.073	ug/l	95
24) 1,1-Dichloroethane	6.116	63	61823	50.783	ug/l	99
25) 2-Butanone	7.081	43	50238	248.053	ug/l	99
26) 2,2-Dichloropropane	7.075	77	55343	51.359	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	37096	49.661	ug/l	96
28) Bromochloromethane	7.422	49	15831	52.297	ug/l	90
29) Tetrahydrofuran	7.440	42	28583	262.087	ug/l	95
30) Chloroform	7.593	83	63889	50.988	ug/l	97
31) Cyclohexane	7.875	56	48821	44.478	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	57754	51.529	ug/l	99
36) 1,1-Dichloropropene	8.005	75	46773	51.415	ug/l	97
37) Ethyl Acetate	7.175	43	20927	52.746	ug/l #	94
38) Carbon Tetrachloride	7.993	117	50001	59.315	ug/l	98
39) Methylcyclohexane	9.269	83	51733	49.130	ug/l	97
40) Benzene	8.252	78	131713	51.515	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	8766	37.037	ug/l #	76
42) 1,2-Dichloroethane	8.328	62	40137	54.222	ug/l	99
43) Isopropyl Acetate	8.363	43	40172	52.989	ug/l	96
44) Trichloroethene	9.028	130	34788	49.359	ug/l	97
45) 1,2-Dichloropropane	9.305	63	34417	53.003	ug/l	98
46) Dibromomethane	9.393	93	18559	51.575	ug/l	97
47) Bromodichloromethane	9.587	83	48246	53.871	ug/l	96
48) Methyl methacrylate	9.381	41	19397	53.875	ug/l	93
49) 1,4-Dioxane	9.387	88	3472	1011.603	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	104502	272.661	ug/l	94
52) Toluene	10.334	92	85534	53.112	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	44041	56.773	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	50282	54.214	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	24637	53.634	ug/l	97
56) Ethyl methacrylate	10.599	69	29952	56.088	ug/l	94
57) 1,3-Dichloropropane	10.881	76	41782	53.394	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	38592	247.379	ug/l	96
59) 2-Hexanone	10.922	43	75302	268.927	ug/l	95
60) Dibromochloromethane	11.075	129	32401	56.932	ug/l	98
61) 1,2-Dibromoethane	11.181	107	23396	52.821	ug/l	99
64) Tetrachloroethene	10.810	164	29351	51.371	ug/l	97
65) Chlorobenzene	11.610	112	90777	54.261	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	34126	56.027	ug/l	97
67) Ethyl Benzene	11.687	91	165932	53.723	ug/l	99
68) m/p-Xylenes	11.793	106	127051	108.139	ug/l	96
69) o-Xylene	12.122	106	59800	54.490	ug/l	97
70) Styrene	12.140	104	104052	55.972	ug/l	99
71) Bromoform	12.299	173	18332	56.032	ug/l #	95
73) Isopropylbenzene	12.422	105	165894	52.599	ug/l	97
74) N-amyl acetate	12.234	43	37342	52.689	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	28483	51.908	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	35919	81.226	ug/l #	100
77) Bromobenzene	12.704	156	37293	52.218	ug/l	97
78) n-propylbenzene	12.769	91	202524	51.606	ug/l	99
79) 2-Chlorotoluene	12.851	91	111045	51.586	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	140717	53.584	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	6868	50.396	ug/l	92
82) 4-Chlorotoluene	12.951	91	115742	51.544	ug/l	100
83) tert-Butylbenzene	13.169	119	118703	52.431	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	138392	52.763	ug/l	98
85) sec-Butylbenzene	13.351	105	183316	52.781	ug/l	99
86) p-Isopropyltoluene	13.463	119	154127	54.249	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	76590	53.058	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	75972	52.597	ug/l	98
89) n-Butylbenzene	13.793	91	147978	53.350	ug/l	98
90) Hexachloroethane	14.057	117	29977	53.519	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	66599	53.173	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4607	54.131	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	41114	52.412	ug/l	97
94) Hexachlorobutadiene	15.210	225	22585	54.571	ug/l	98
95) Naphthalene	15.334	128	75349	51.607	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	35183	51.983	ug/l	100

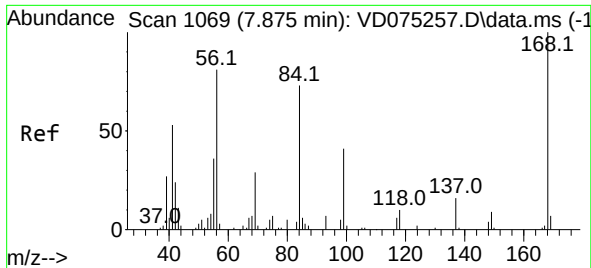
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Response via : Initial Calibration

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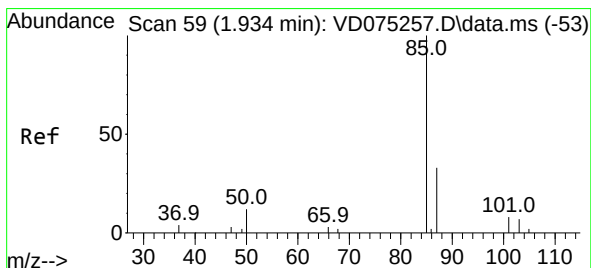
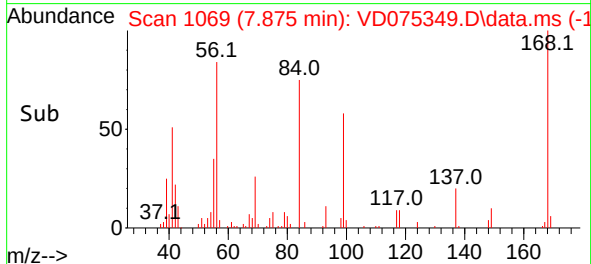
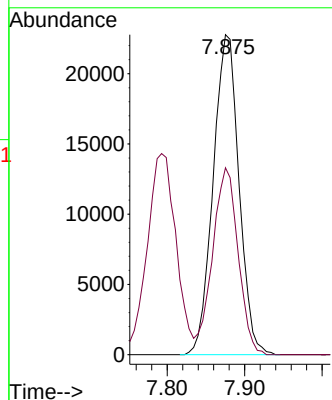
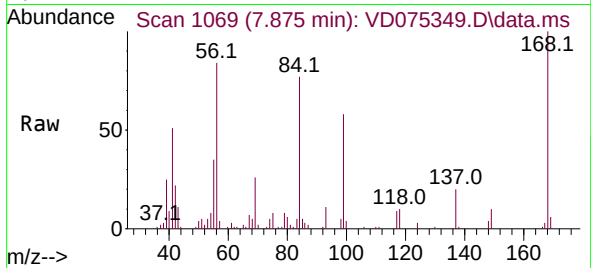
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075349.D
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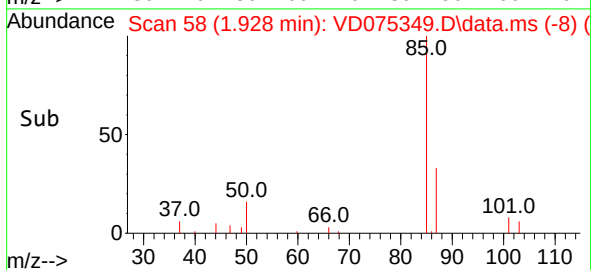
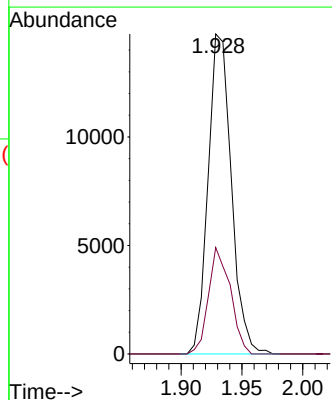
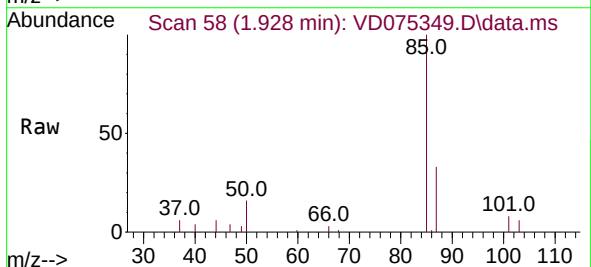
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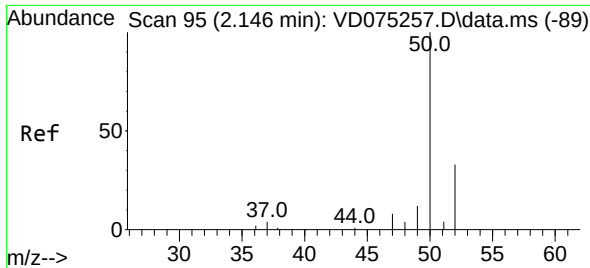
Tgt Ion:168 Resp: 52717
Ion Ratio Lower Upper
168 100
99 58.4 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 45.777 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion: 85 Resp: 19546
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.0

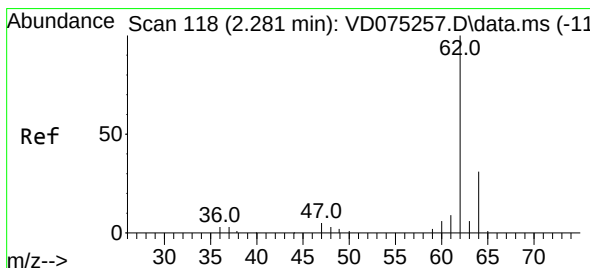
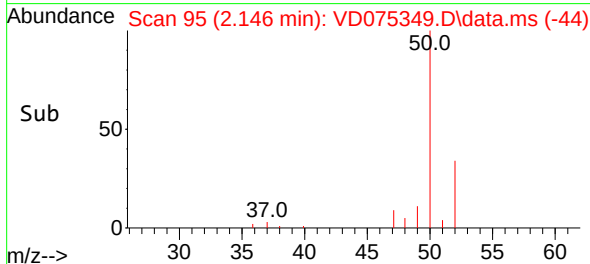
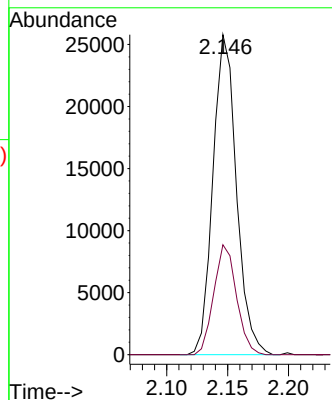
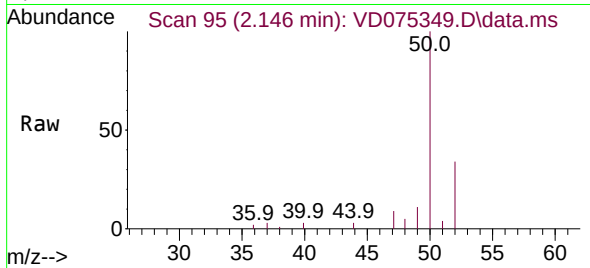




#3
Chloromethane
Concen: 47.213 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

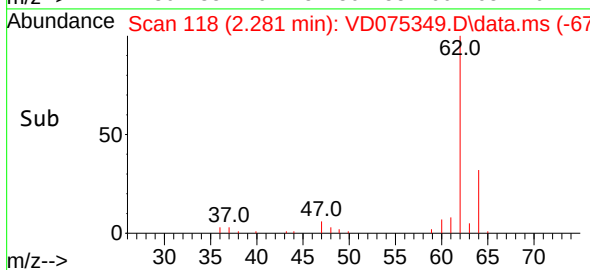
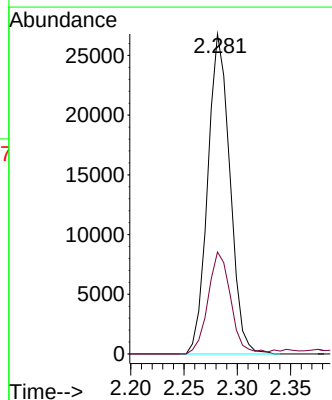
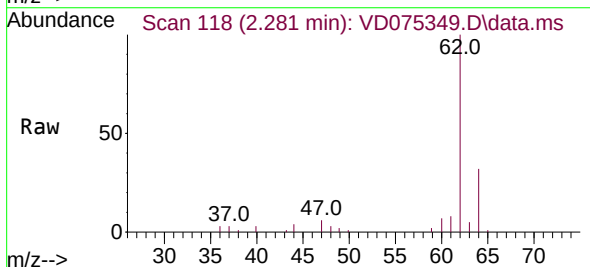
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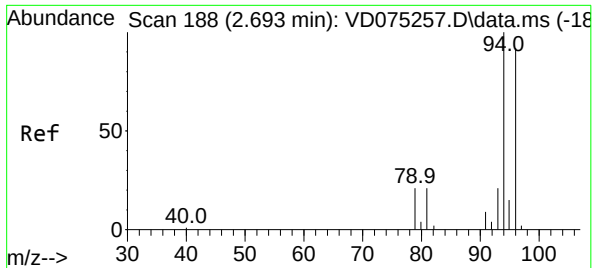
Tgt Ion: 50 Resp: 34697
Ion Ratio Lower Upper
50 100
52 34.4 27.0 40.6



#4
Vinyl Chloride
Concen: 44.364 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion: 62 Resp: 38909
Ion Ratio Lower Upper
62 100
64 31.9 24.8 37.2

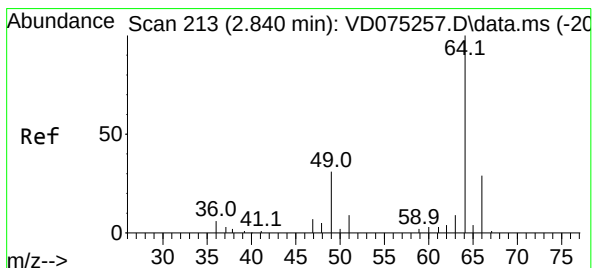
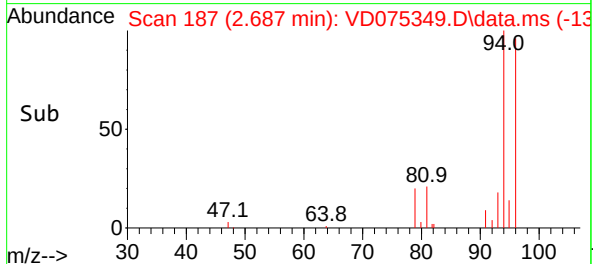
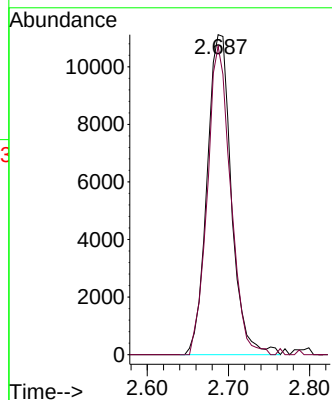
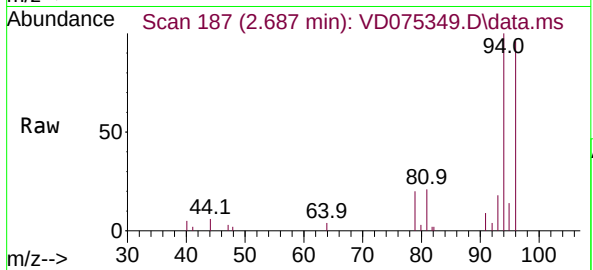




#5
Bromomethane
Concen: 41.271 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

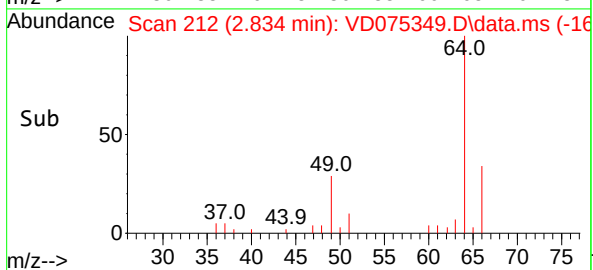
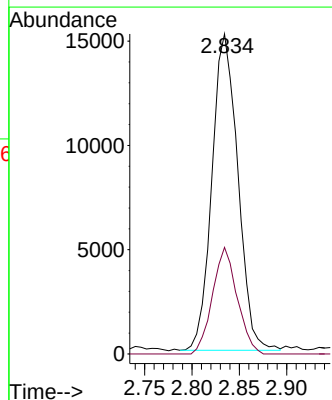
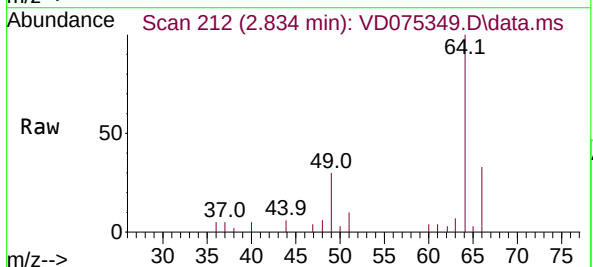
Instrument :
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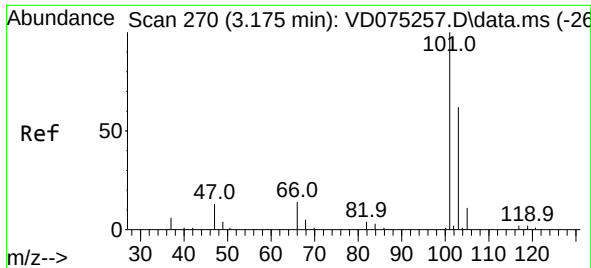
Tgt Ion: 94 Resp: 23159
Ion Ratio Lower Upper
94 100
96 92.4 74.8 112.2



#6
Chloroethane
Concen: 47.663 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion: 64 Resp: 28838
Ion Ratio Lower Upper
64 100
66 33.7 25.4 38.2

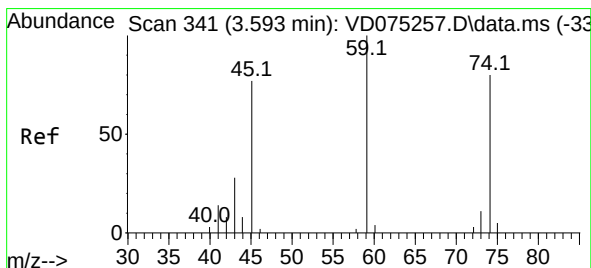
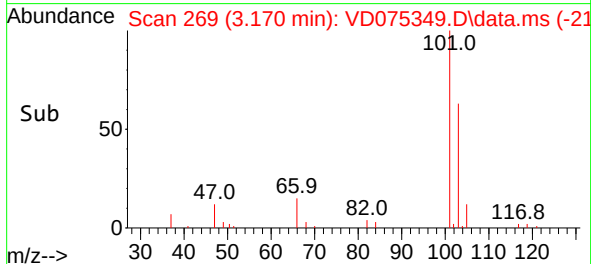
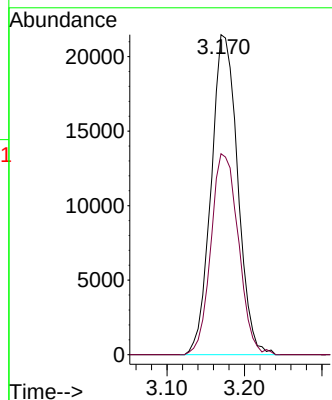
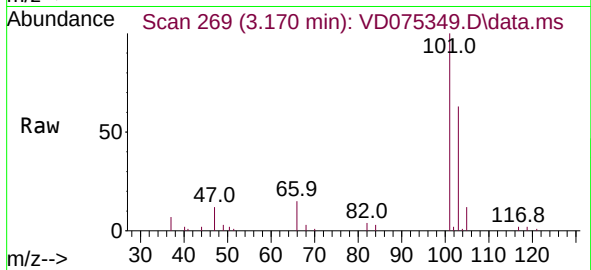




#7
 Trichlorofluoromethane
 Concen: 46.843 ug/l
 RT: 3.170 min Scan# 2
 Delta R.T. -0.005 min
 Lab File: VD075349.D
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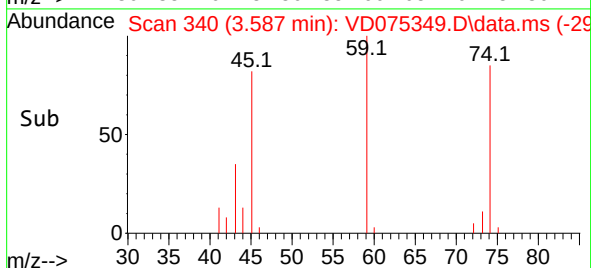
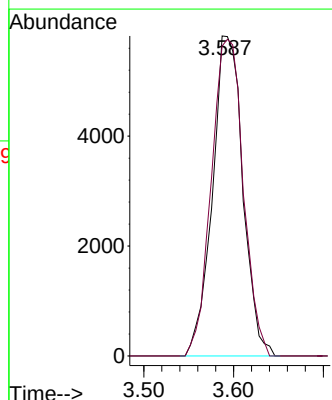
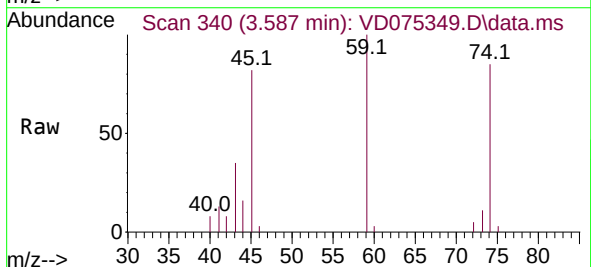
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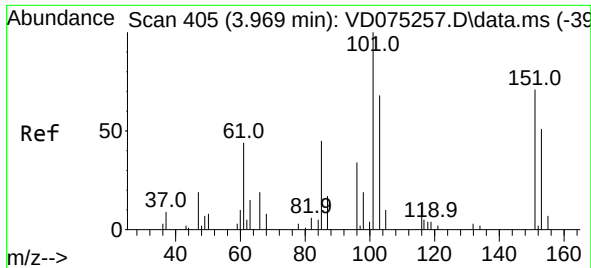
Tgt Ion:101 Resp: 51081
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.2 78.4



#8
 Diethyl Ether
 Concen: 46.690 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD075349.D
 Acq: 17 Feb 2023 09:38

Tgt Ion: 74 Resp: 13687
 Ion Ratio Lower Upper
 74 100
 45 103.9 49.8 149.3

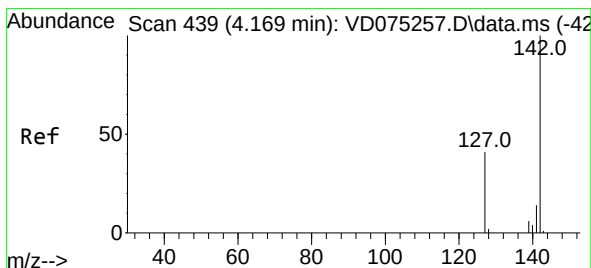
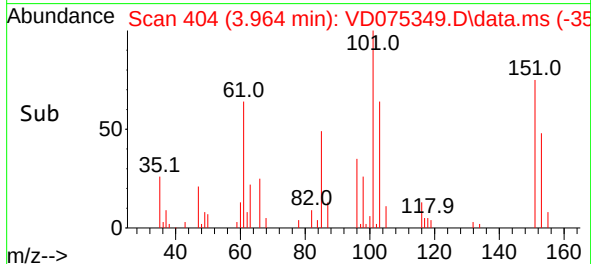
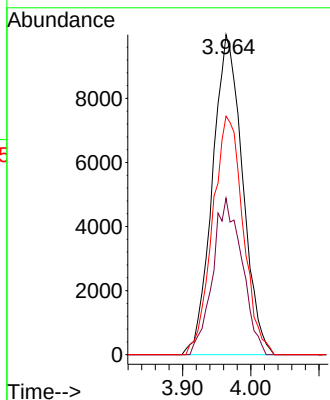
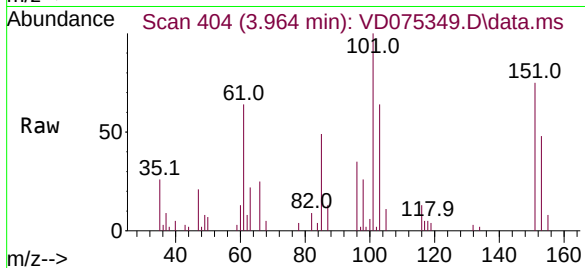




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.492 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.005 min
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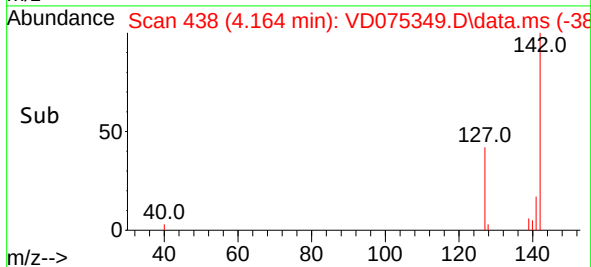
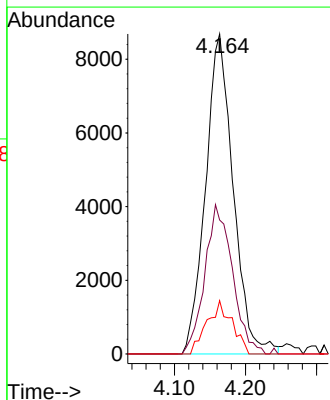
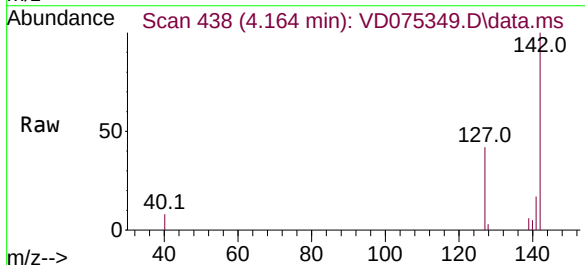
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VSTDCCC050

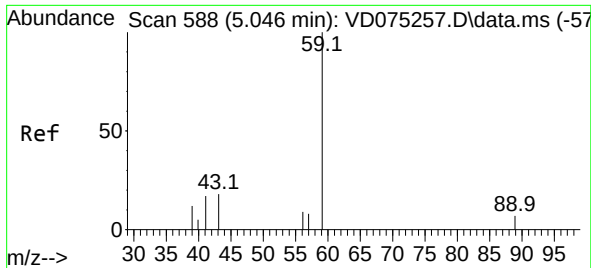
Tgt Ion:101 Resp: 30626
Ion Ratio Lower Upper
101 100
85 47.8 36.9 55.3
151 75.9 58.9 88.3



#10
Methyl Iodide
Concen: 32.270 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion:142 Resp: 23490
Ion Ratio Lower Upper
142 100
127 46.5 33.6 50.4
141 15.0 11.1 16.7

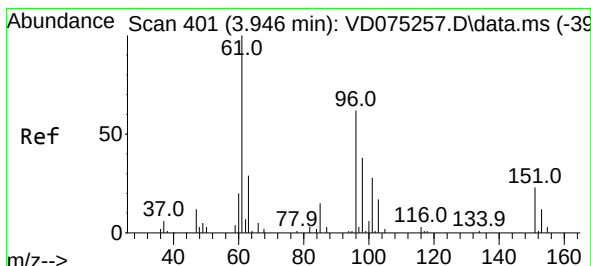
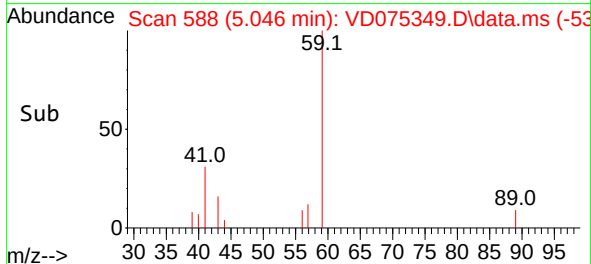
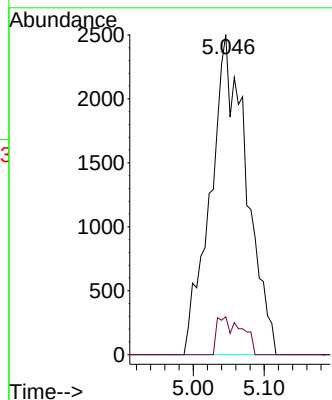
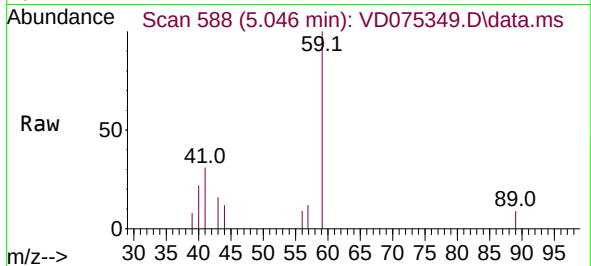




#11
Tert butyl alcohol
Concen: 241.559 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

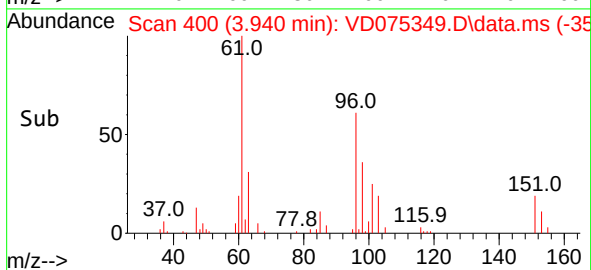
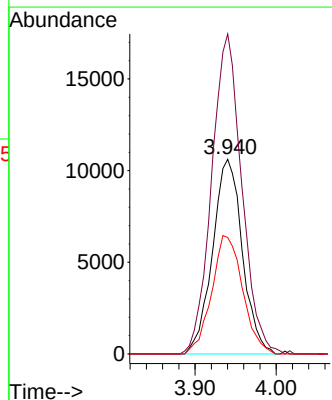
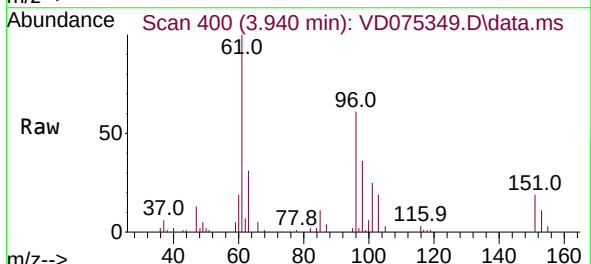
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

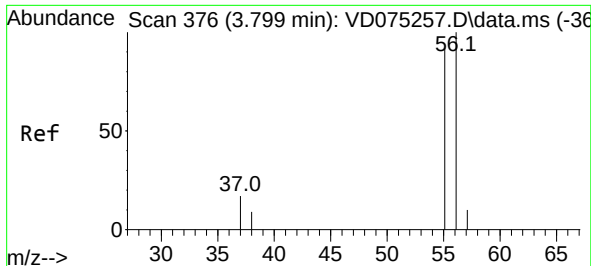
Tgt Ion: 59 Resp: 8814
Ion Ratio Lower Upper
59 100
57 8.1 2.9 4.3#



#12
1,1-Dichloroethene
Concen: 45.942 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion: 96 Resp: 27107
Ion Ratio Lower Upper
96 100
61 164.3 126.8 190.2
98 59.9 50.4 75.6

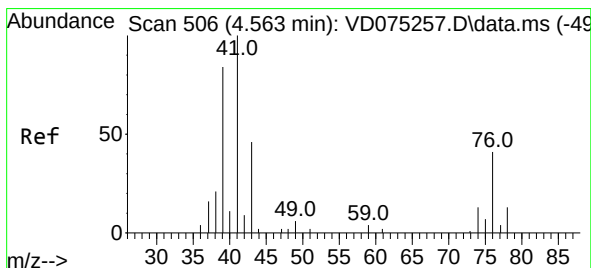
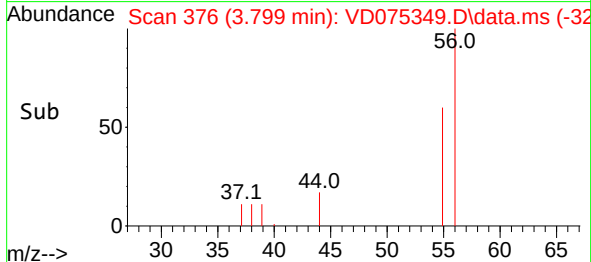
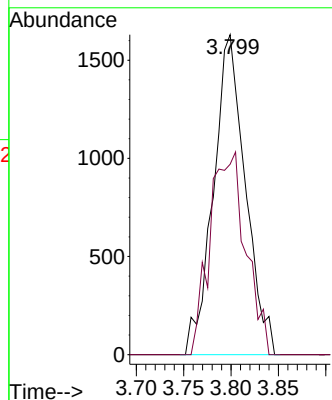
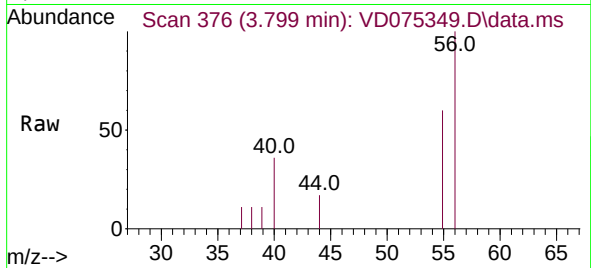




#13
Acrolein
Concen: 191.430 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

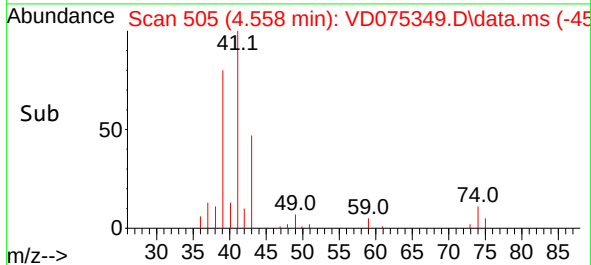
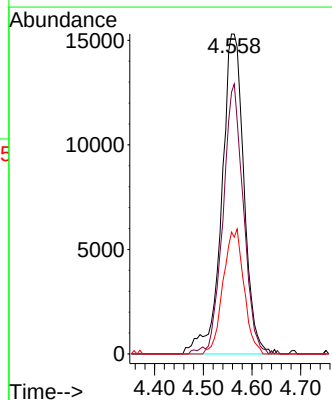
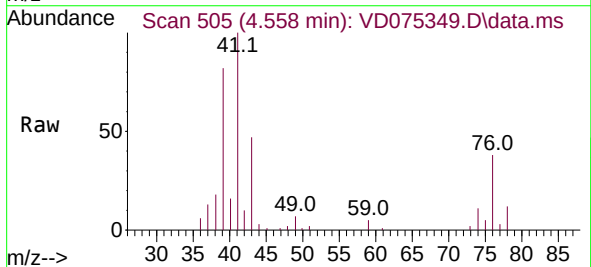
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

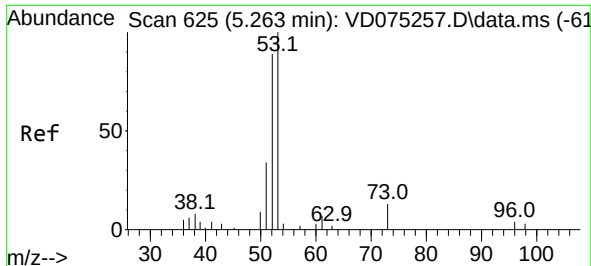
Tgt Ion: 56 Resp: 3833
Ion Ratio Lower Upper
56 100
55 71.1 53.0 79.6



#14
Allyl chloride
Concen: 49.385 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion: 41 Resp: 48481
Ion Ratio Lower Upper
41 100
39 77.6 55.4 83.0
76 36.5 30.2 45.2

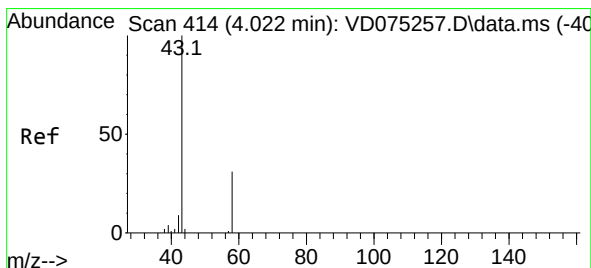
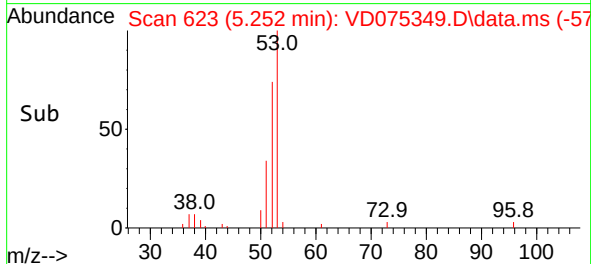
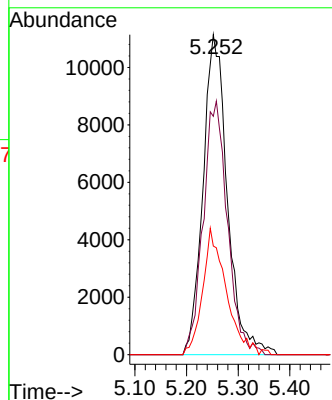
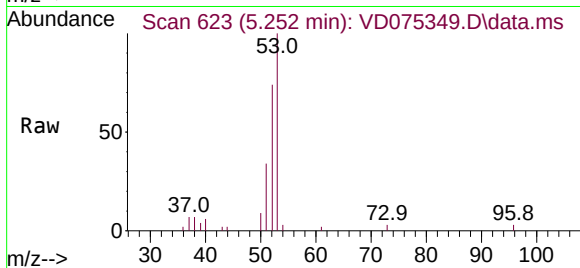




#15
Acrylonitrile
Concen: 269.860 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

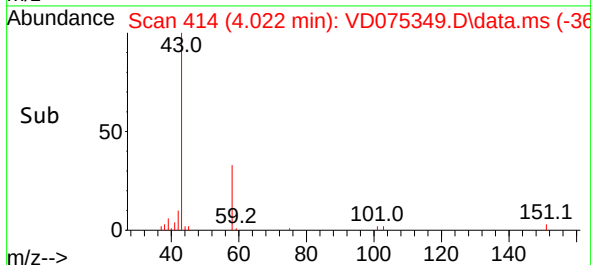
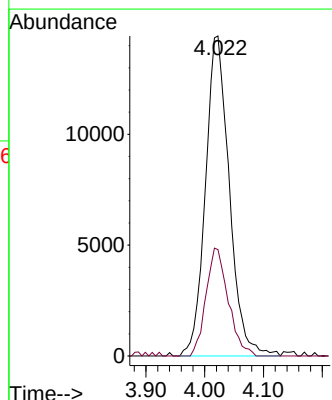
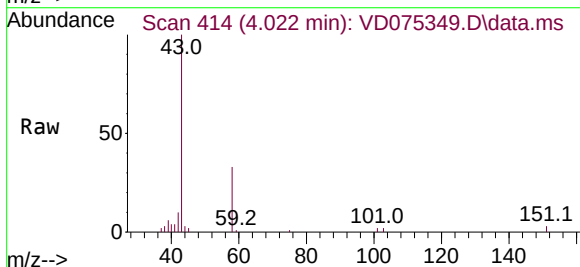
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

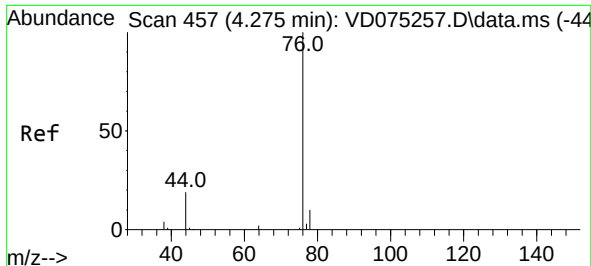
Tgt Ion: 53 Resp: 36562
Ion Ratio Lower Upper
53 100
52 78.7 67.0 100.6
51 37.9 30.1 45.1



#16
Acetone
Concen: 249.438 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion: 43 Resp: 40771
Ion Ratio Lower Upper
43 100
58 33.3 26.0 39.0

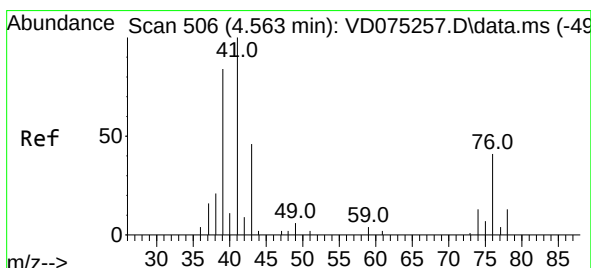
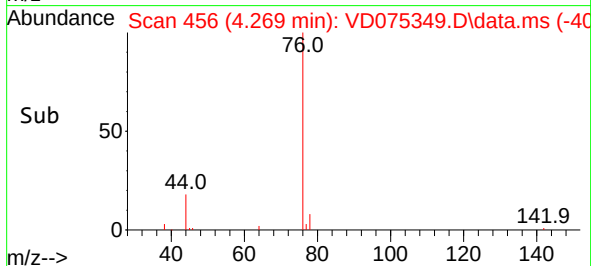
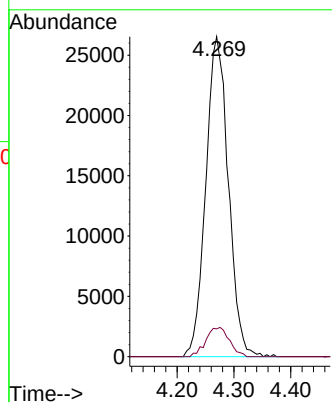
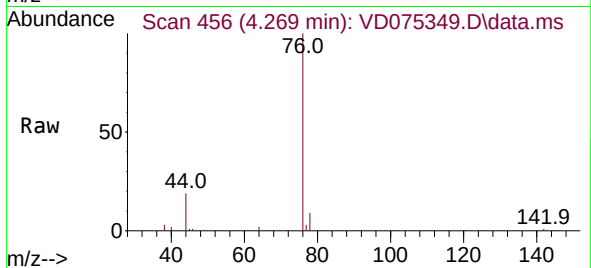




#17
Carbon Disulfide
Concen: 40.162 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

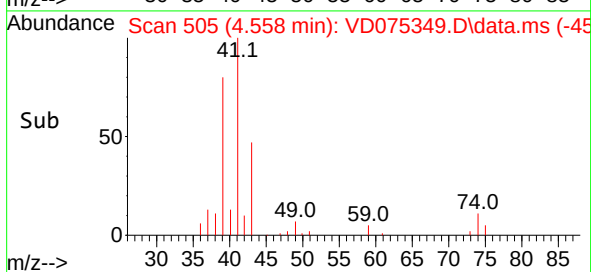
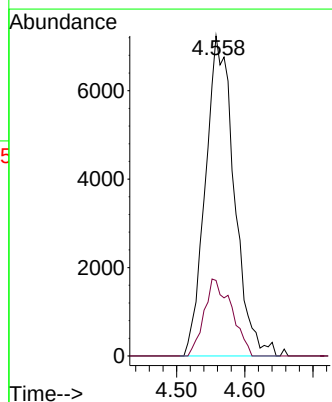
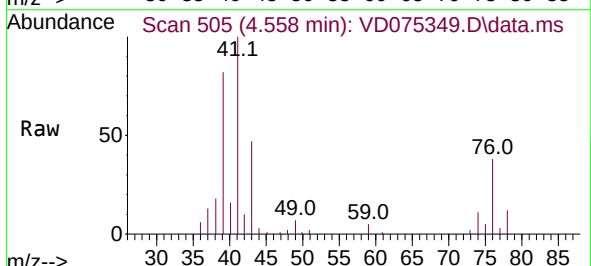
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

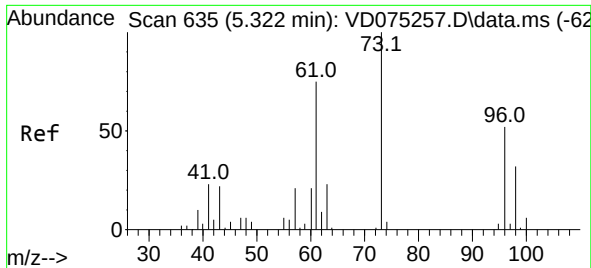
Tgt Ion: 76 Resp: 73107
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 48.865 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion: 43 Resp: 21262
Ion Ratio Lower Upper
43 100
74 23.0 18.5 27.7

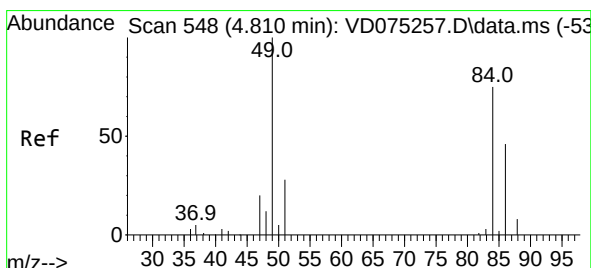
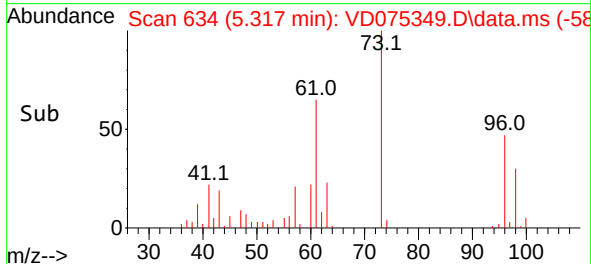
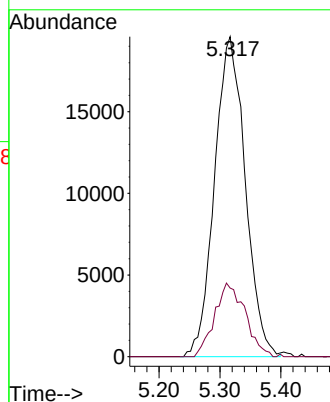
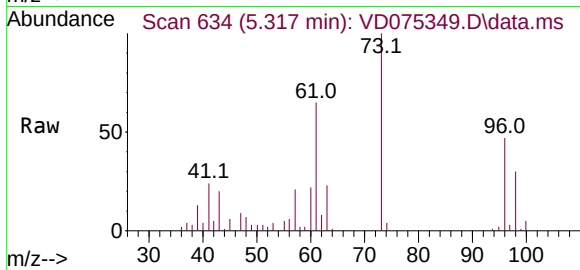




#19
Methyl tert-butyl Ether
Concen: 50.649 ug/l
RT: 5.317 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

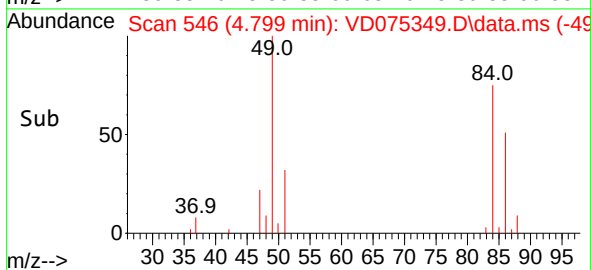
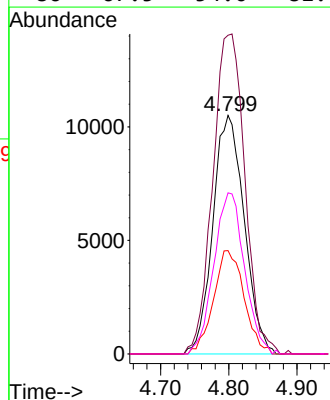
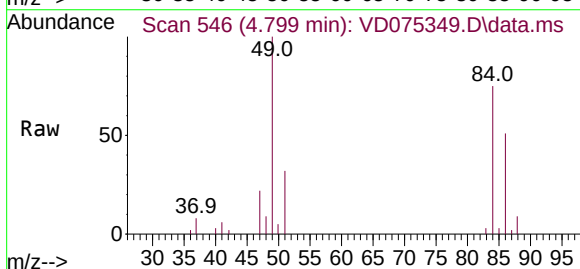
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

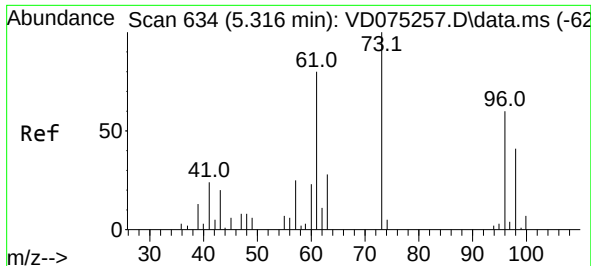
Tgt Ion: 73 Resp: 68611
Ion Ratio Lower Upper
73 100
57 21.4 18.5 27.7



#20
Methylene Chloride
Concen: 48.611 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion: 84 Resp: 33591
Ion Ratio Lower Upper
84 100
49 133.6 97.0 145.6
51 43.3 30.9 46.3
86 67.5 54.0 81.0

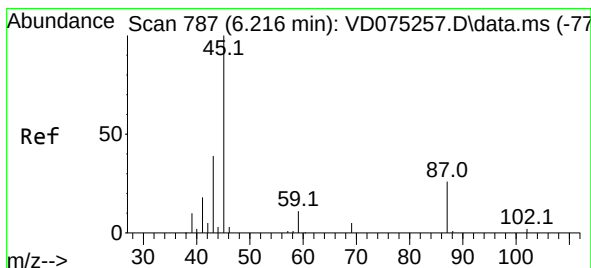
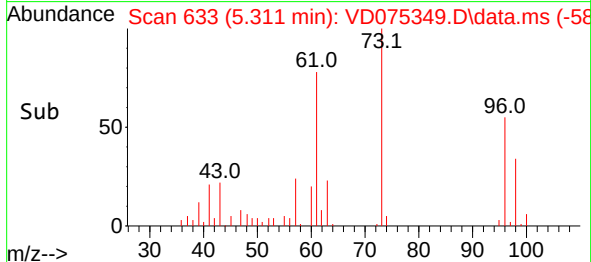
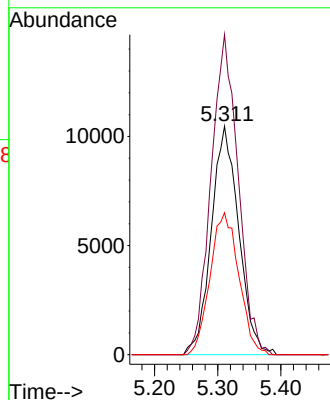
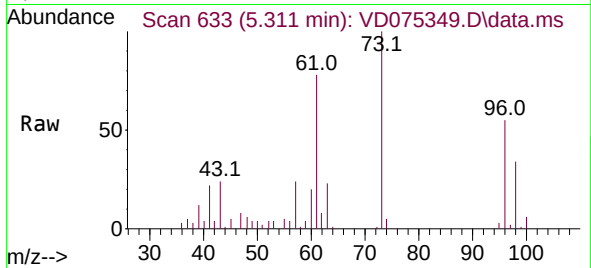




#21
trans-1,2-Dichloroethene
Concen: 47.316 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

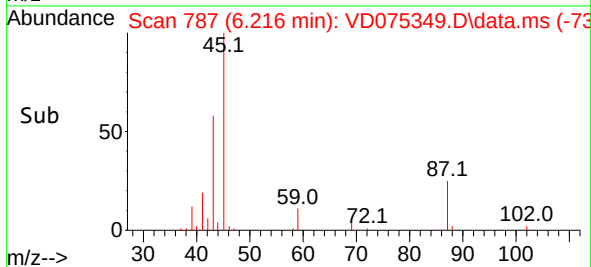
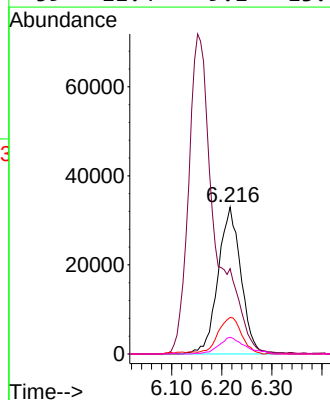
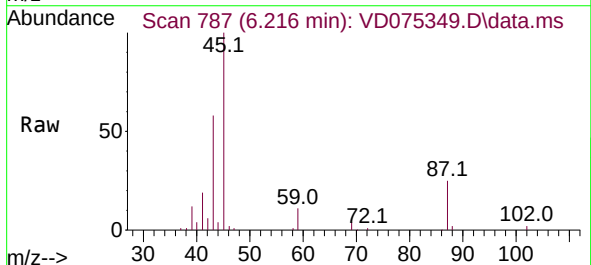
Instrument :
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ClientSampleId :
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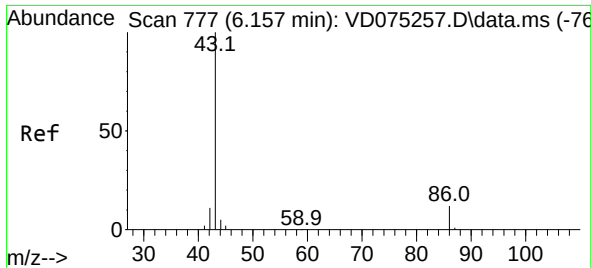
Tgt Ion: 96 Resp: 31592
Ion Ratio Lower Upper
96 100
61 140.1 105.7 158.5
98 62.1 50.4 75.6



#22
Diisopropyl ether
Concen: 53.531 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion: 45 Resp: 104526
Ion Ratio Lower Upper
45 100
43 57.2 45.3 67.9
87 24.9 22.1 33.1
59 11.4 9.1 13.7

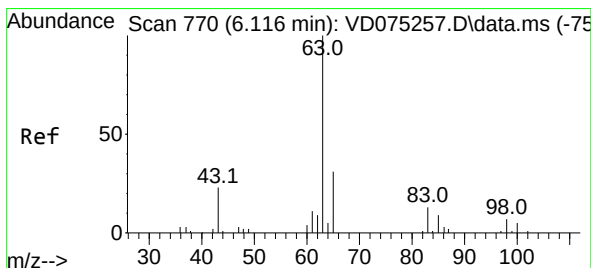
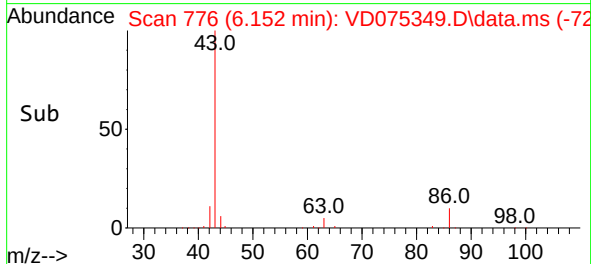
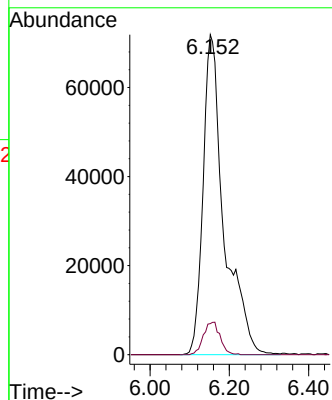
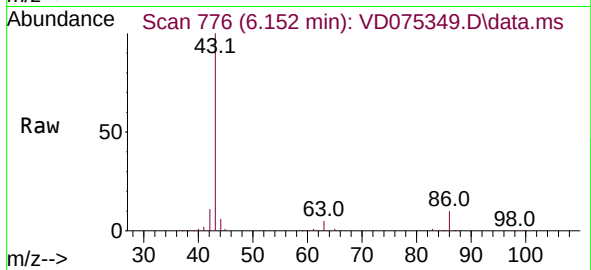




#23
 Vinyl Acetate
 Concen: 386.073 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.005 min
 Lab File: VD075349.D
 Acq: 17 Feb 2023 09:38

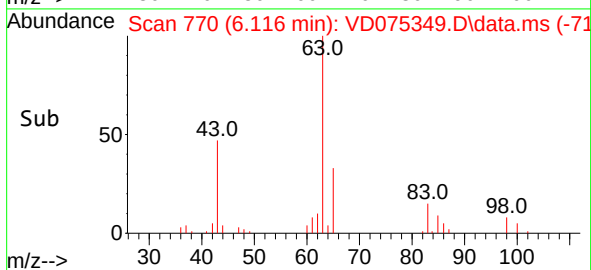
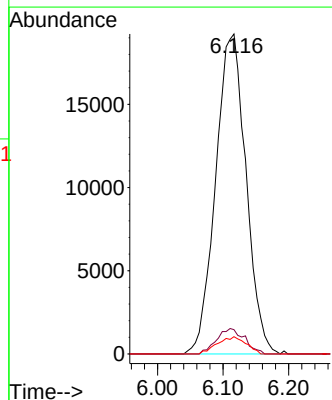
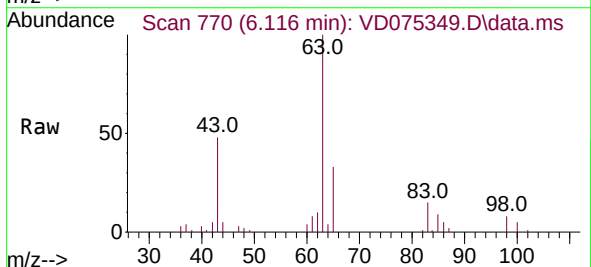
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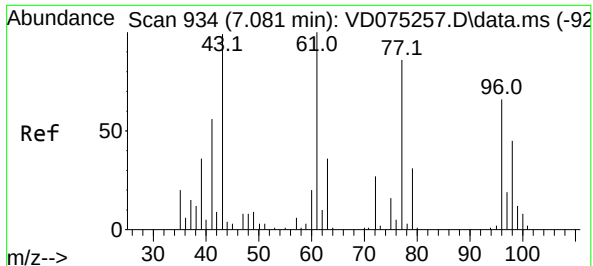
Tgt Ion: 43 Resp: 263042
 Ion Ratio Lower Upper
 43 100
 86 9.7 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 50.783 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD075349.D
 Acq: 17 Feb 2023 09:38

Tgt Ion: 63 Resp: 61823
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.2
 100 5.4 2.5 7.4

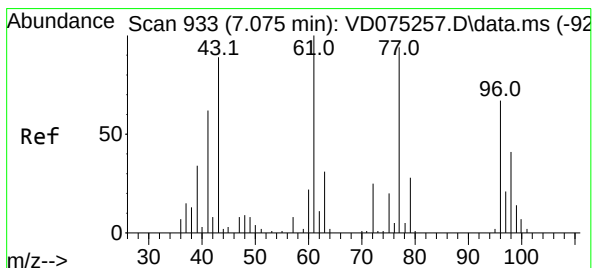
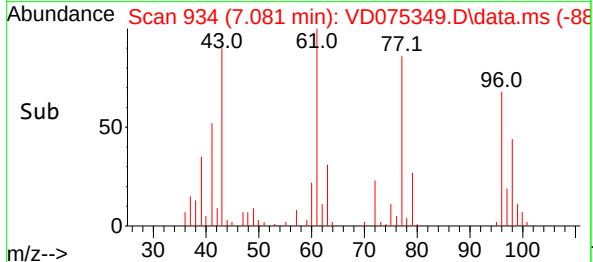
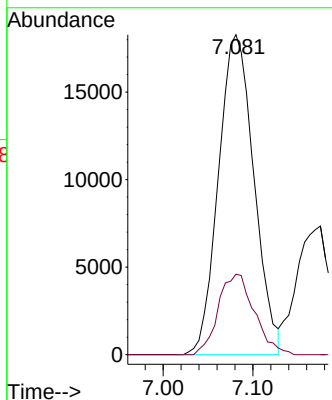
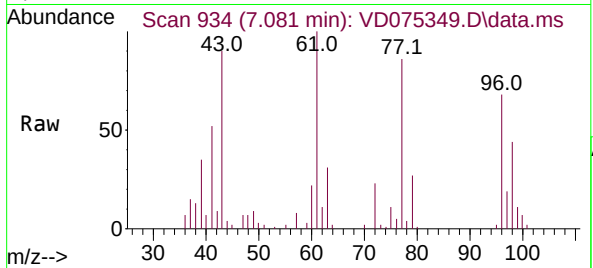




#25
2-Butanone
Concen: 248.053 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

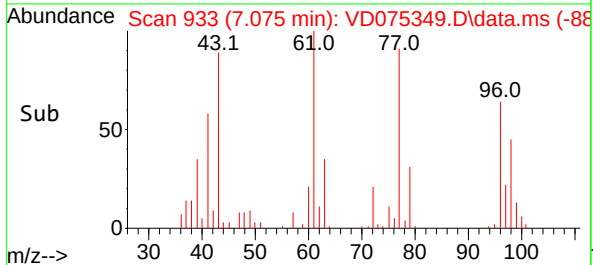
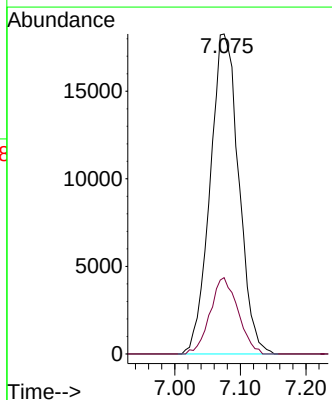
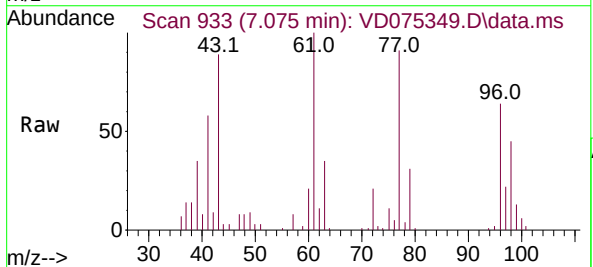
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

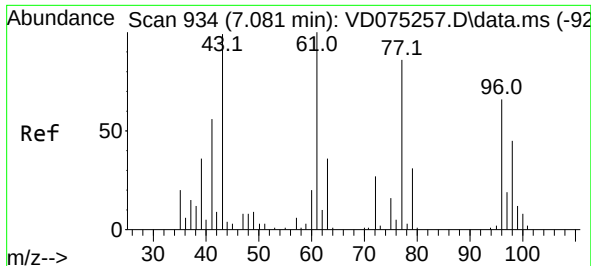
Tgt Ion: 43 Resp: 50238
Ion Ratio Lower Upper
43 100
72 25.2 19.8 29.8



#26
2,2-Dichloropropane
Concen: 51.359 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion: 77 Resp: 55343
Ion Ratio Lower Upper
77 100
97 23.2 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 49.661 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

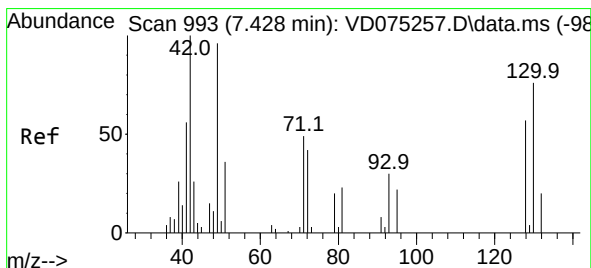
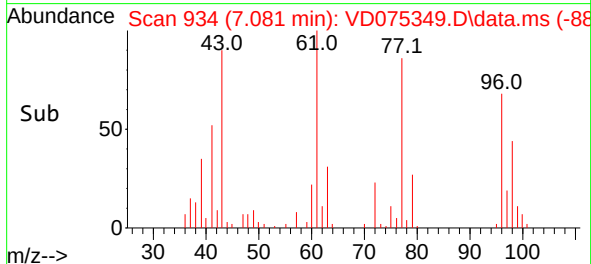
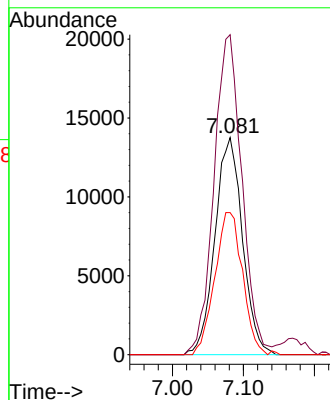
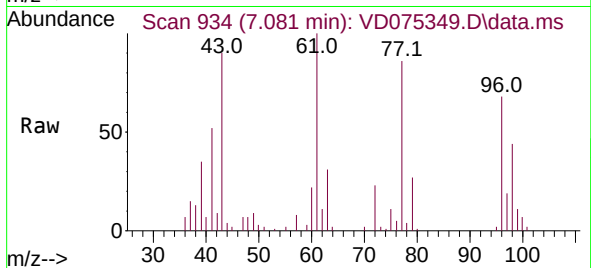
Tgt Ion: 96 Resp: 37096

Ion Ratio Lower Upper

96 100

61 149.5 0.0 287.4

98 65.7 0.0 129.8



#28

Bromochloromethane

Concen: 52.297 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

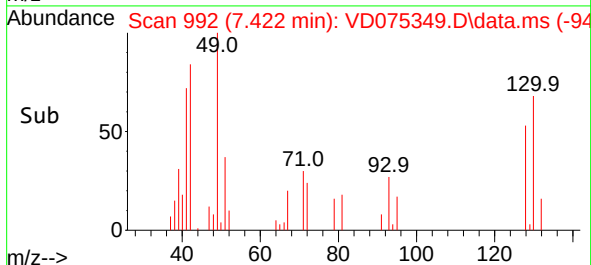
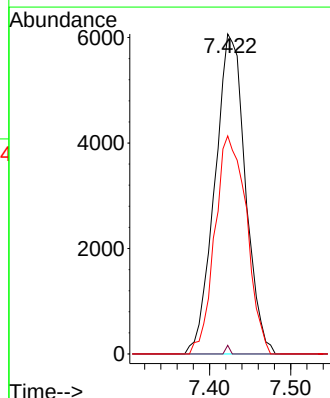
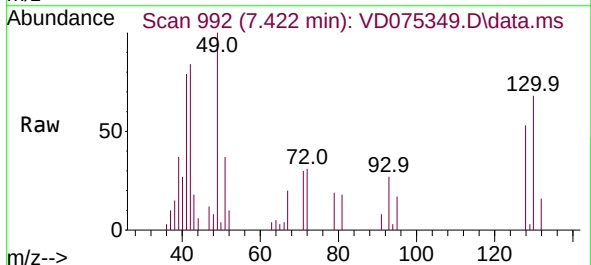
Tgt Ion: 49 Resp: 15831

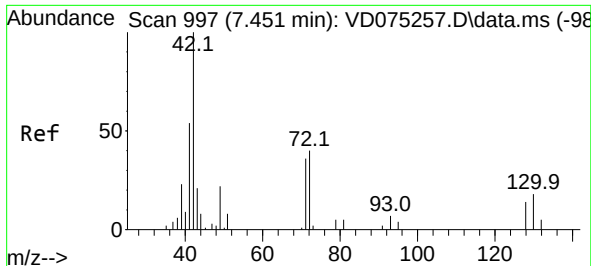
Ion Ratio Lower Upper

49 100

129 0.4 0.0 2.6

130 70.7 63.6 95.4





#29

Tetrahydrofuran

Concen: 262.087 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.011 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

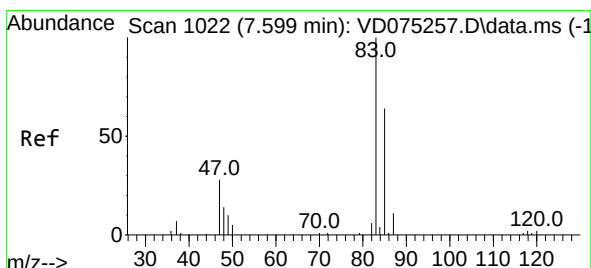
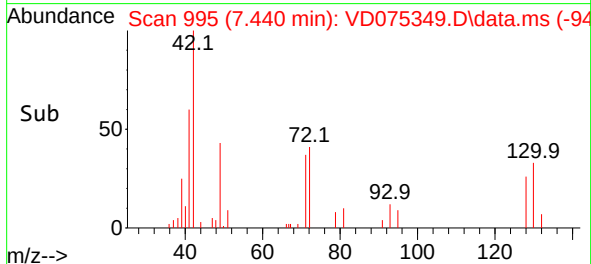
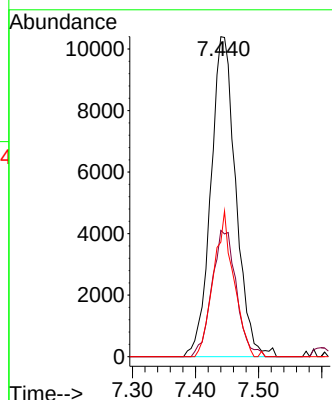
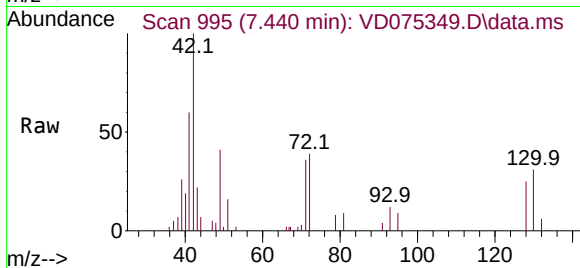
Tgt Ion: 42 Resp: 28583

Ion Ratio Lower Upper

42 100

72 38.8 33.8 50.8

71 37.0 31.6 47.4



#30

Chloroform

Concen: 50.988 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD075349.D

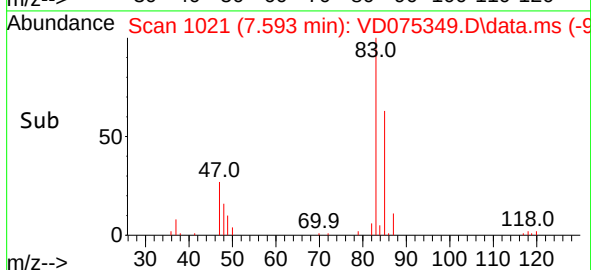
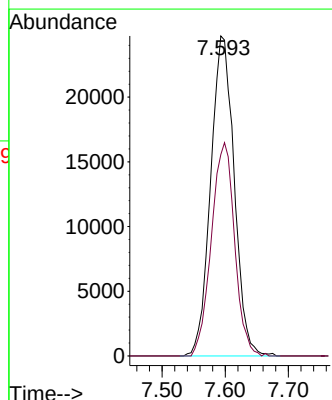
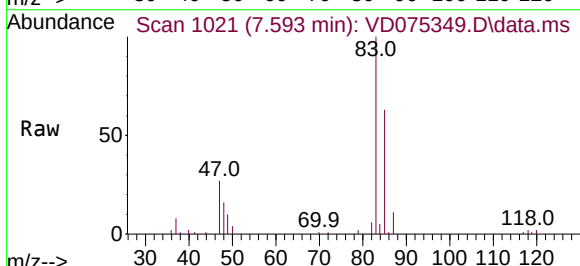
Acq: 17 Feb 2023 09:38

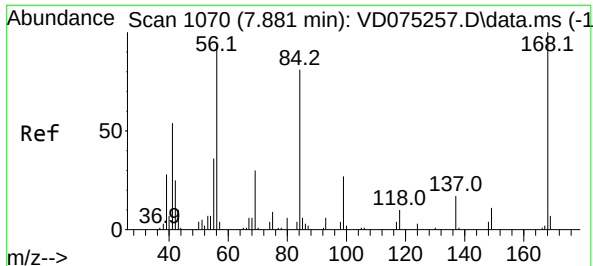
Tgt Ion: 83 Resp: 63889

Ion Ratio Lower Upper

83 100

85 62.9 48.5 72.7





#31

Cyclohexane

Concen: 44.478 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

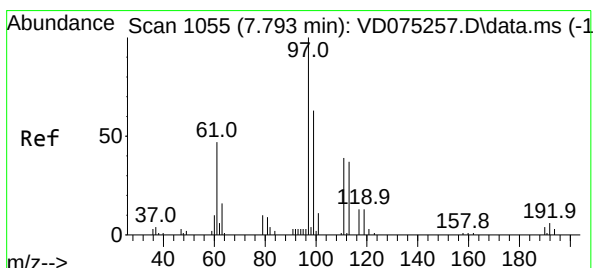
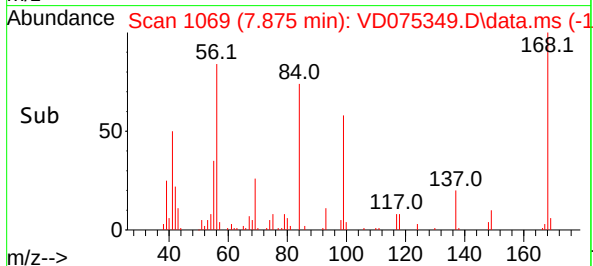
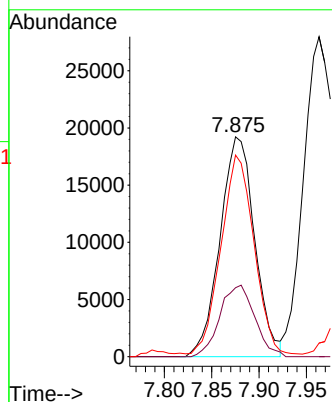
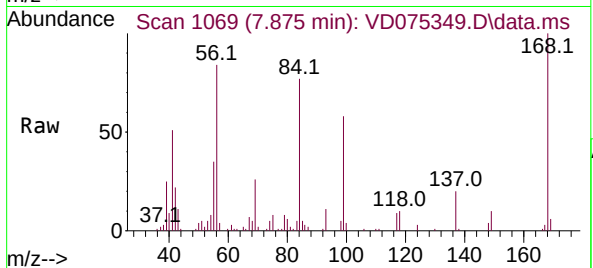
Tgt Ion: 56 Resp: 48821

Ion Ratio Lower Upper

56 100

69 31.3 26.6 40.0

84 90.1 74.1 111.1



#32

1,1,1-Trichloroethane

Concen: 51.529 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

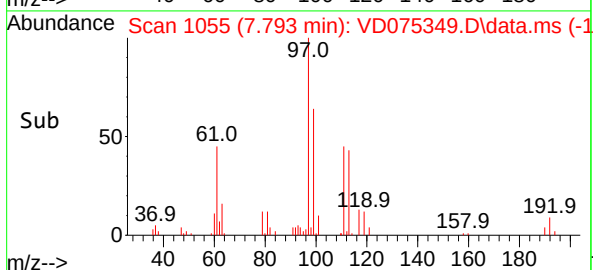
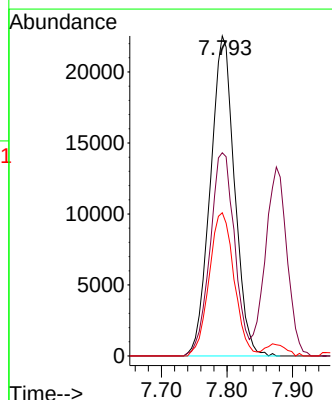
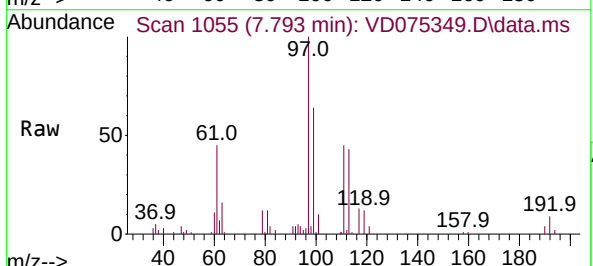
Tgt Ion: 97 Resp: 57754

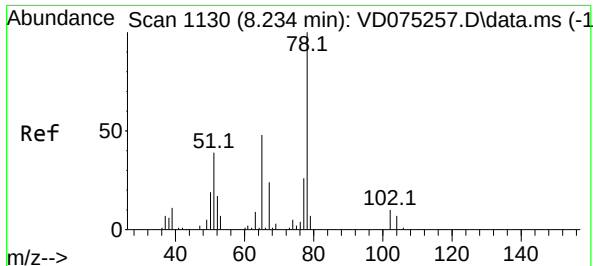
Ion Ratio Lower Upper

97 100

99 64.3 51.7 77.5

61 46.1 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 50.124 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

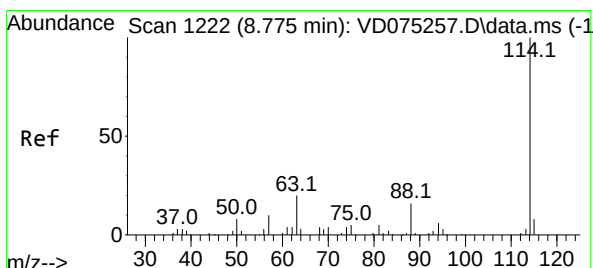
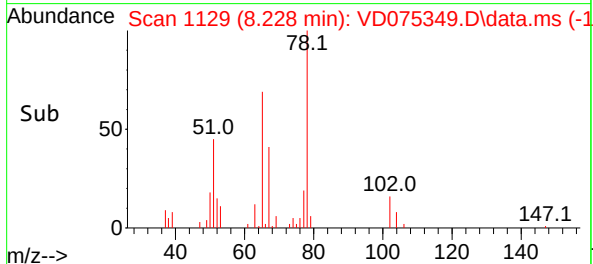
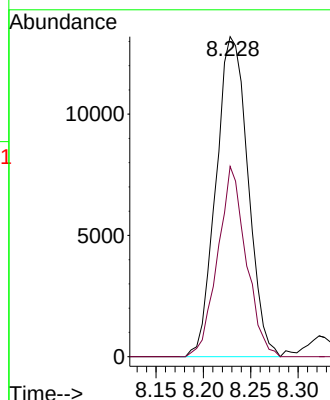
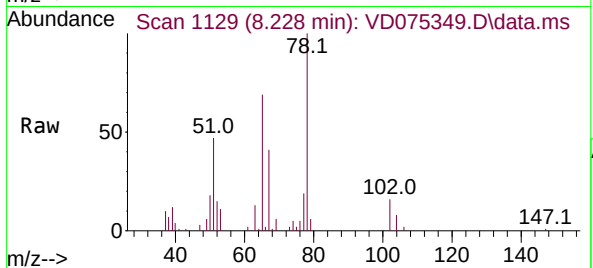
VSTDCCC050

Tgt Ion: 65 Resp: 30984

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

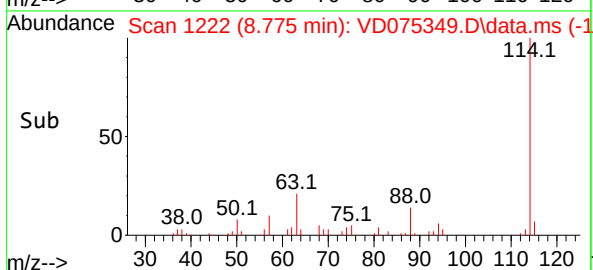
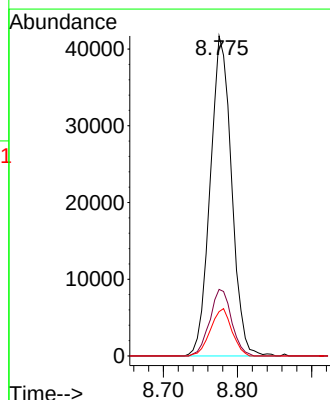
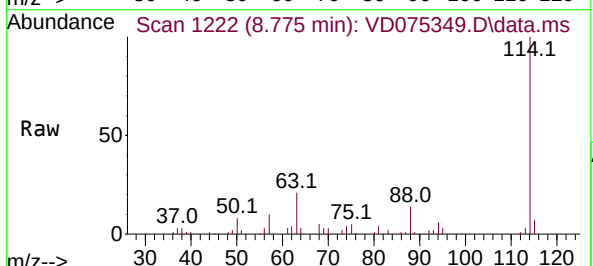
Tgt Ion: 114 Resp: 83285

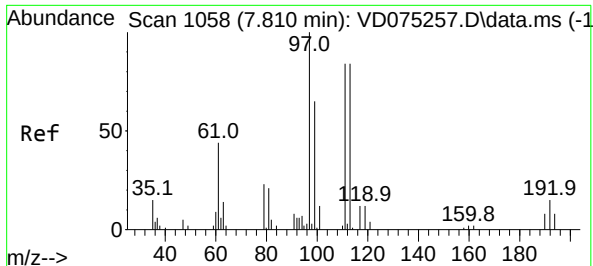
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

88 13.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 54.107 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

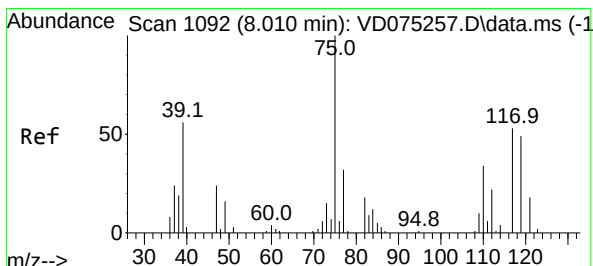
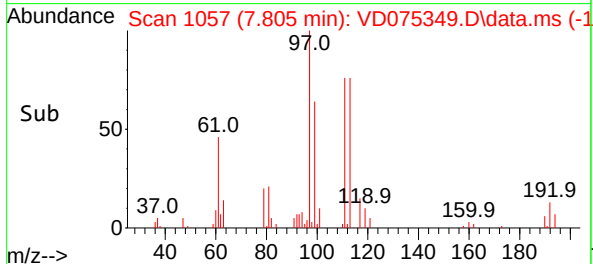
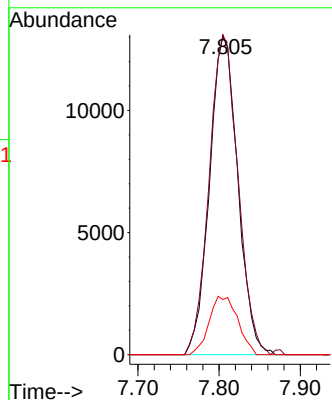
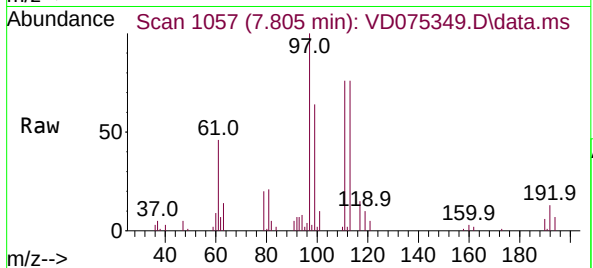
Tgt Ion:113 Resp: 31598

Ion Ratio Lower Upper

113 100

111 102.2 80.1 120.1

192 18.5 15.4 23.0



#36

1,1-Dichloropropene

Concen: 51.415 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.005 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

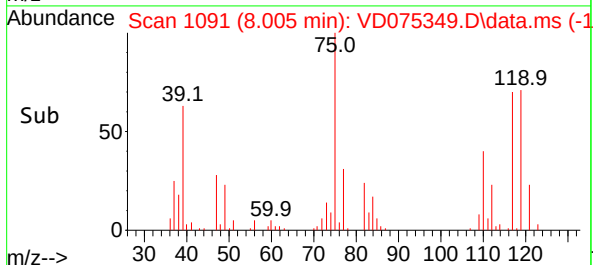
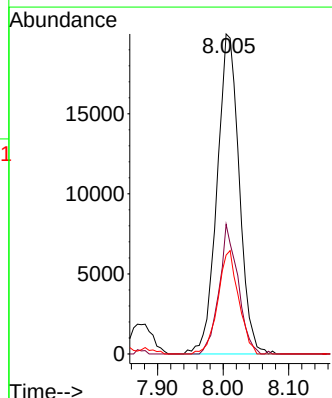
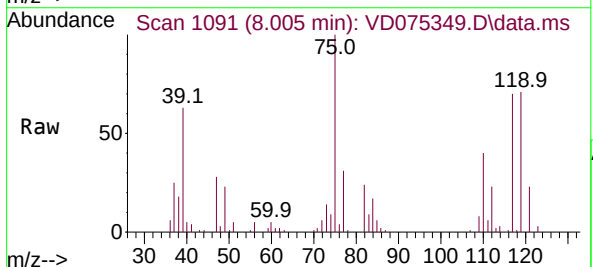
Tgt Ion: 75 Resp: 46773

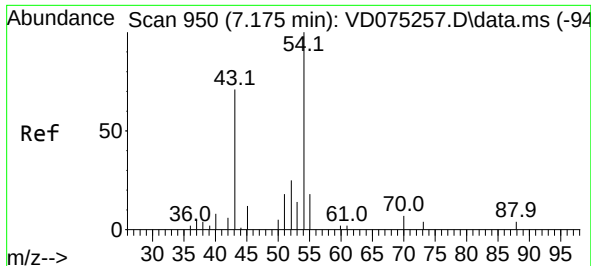
Ion Ratio Lower Upper

75 100

110 34.5 18.1 54.4

77 30.3 25.1 37.7





#37

Ethyl Acetate

Concen: 52.746 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

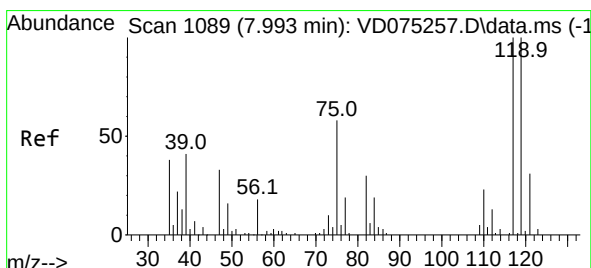
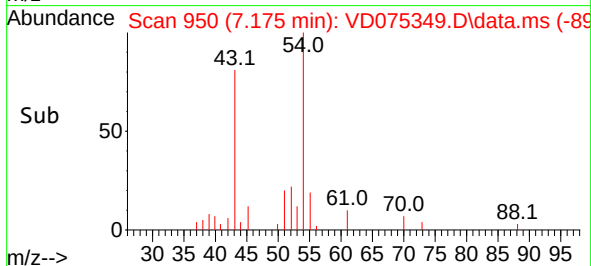
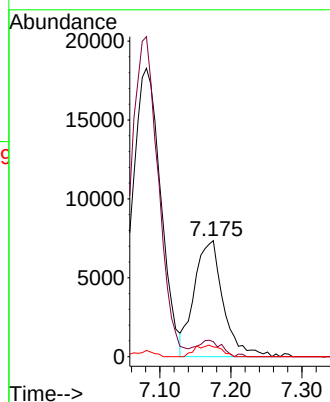
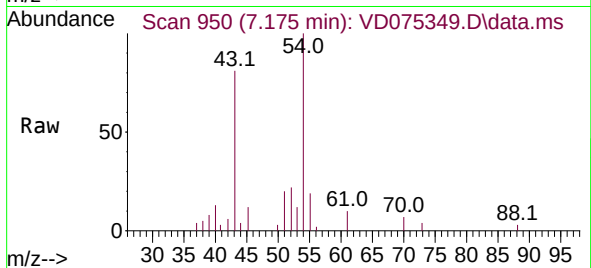
Tgt Ion: 43 Resp: 20927

Ion Ratio Lower Upper

43 100

61 11.9 11.7 17.5

70 8.8 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 59.315 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

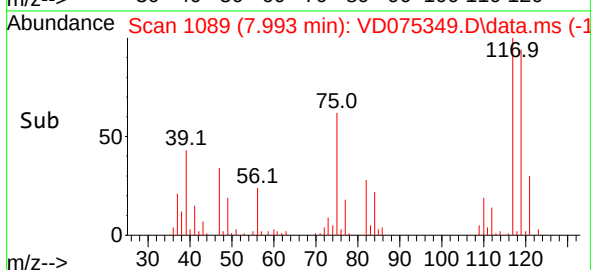
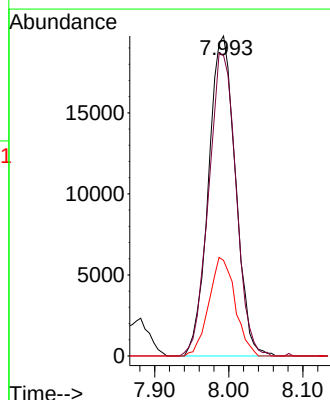
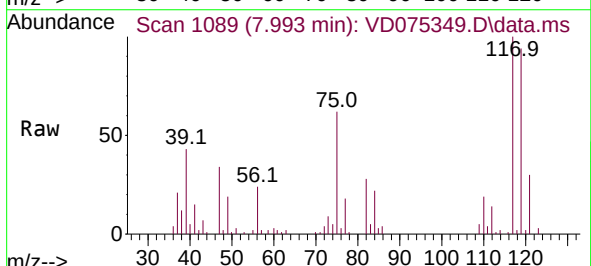
Tgt Ion: 117 Resp: 50001

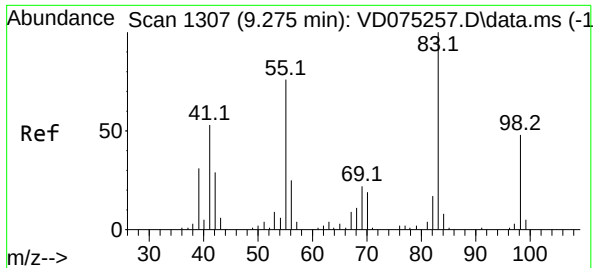
Ion Ratio Lower Upper

117 100

119 93.9 73.6 110.4

121 29.8 25.4 38.0





#39

Methylcyclohexane

Concen: 49.130 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

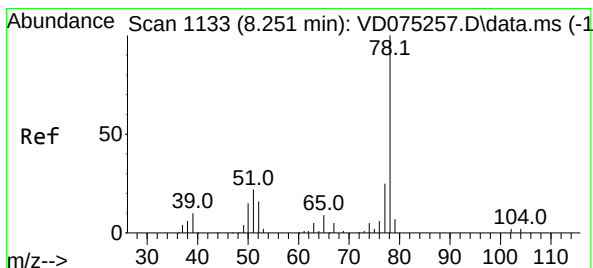
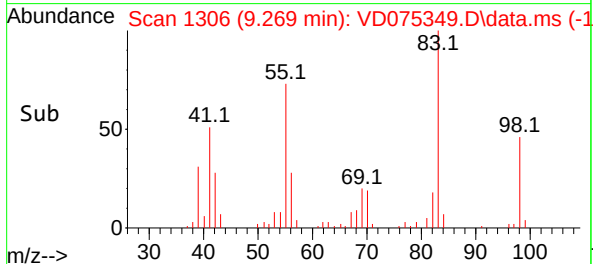
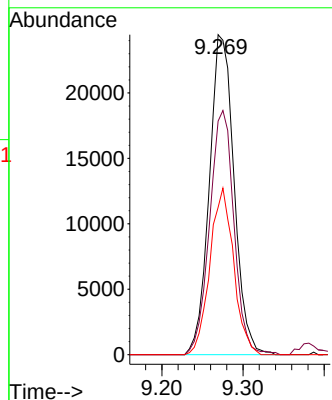
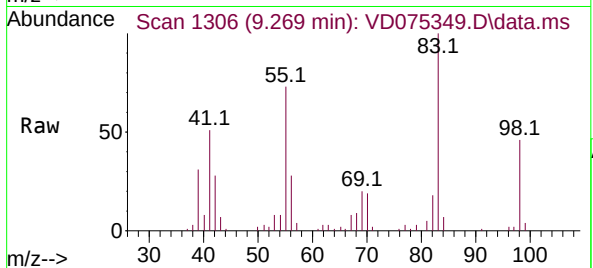
Tgt Ion: 83 Resp: 51733

Ion Ratio Lower Upper

83 100

55 73.0 60.0 90.0

98 46.1 39.0 58.4



#40

Benzene

Concen: 51.515 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD075349.D

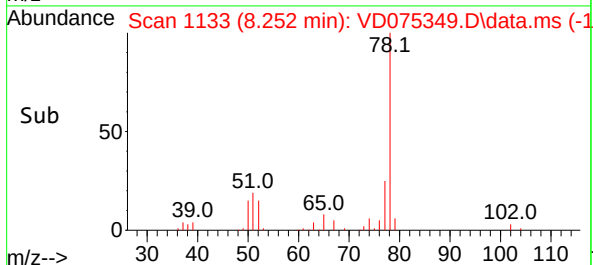
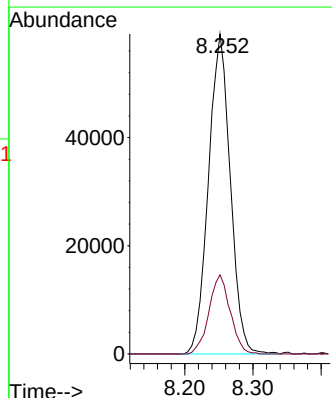
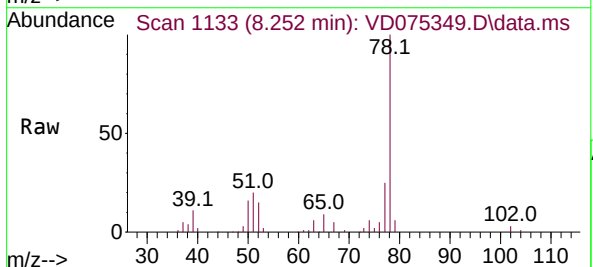
Acq: 17 Feb 2023 09:38

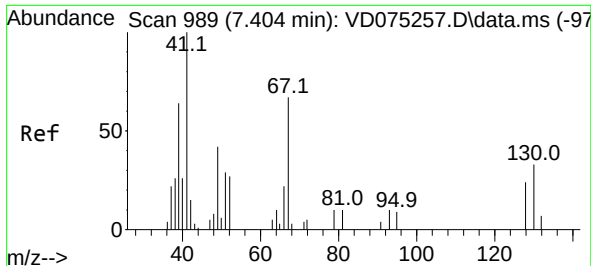
Tgt Ion: 78 Resp: 131713

Ion Ratio Lower Upper

78 100

77 24.7 19.8 29.6

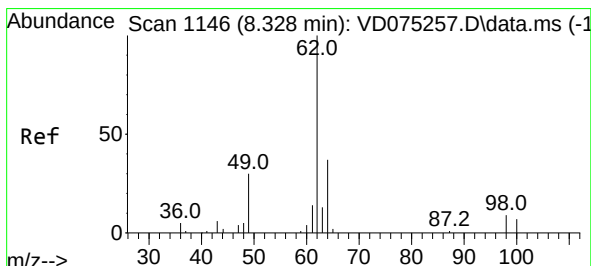
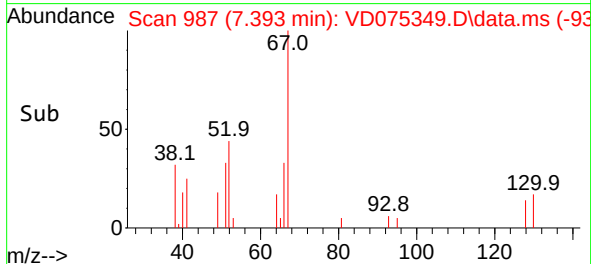
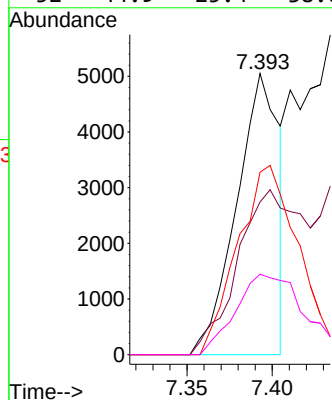
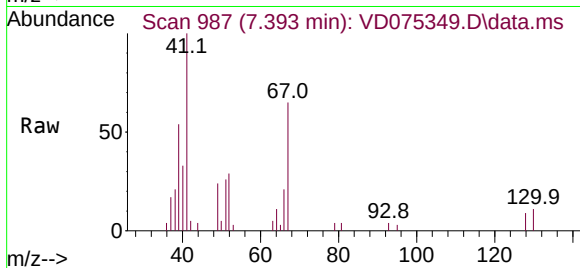




#41
Methacrylonitrile
Concen: 37.037 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.011 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

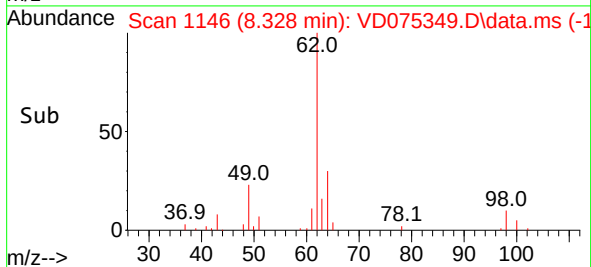
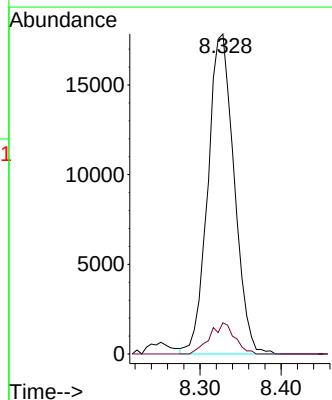
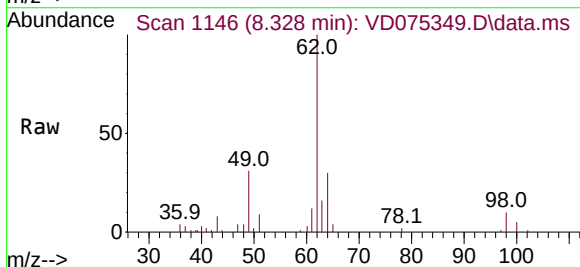
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

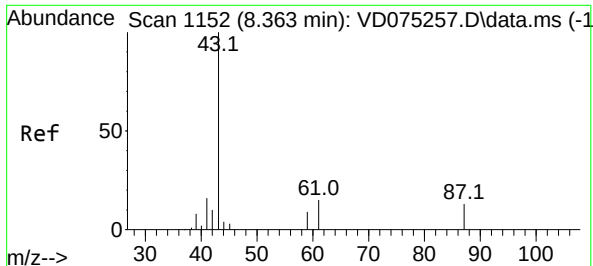
Tgt Ion: 41	Resp: 8766
Ion Ratio	Lower Upper
41 100	
39 90.7	57.8 86.6#
67 98.0	60.5 90.7#
52 44.9	25.4 38.0#



#42
1,2-Dichloroethane
Concen: 54.222 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion: 62	Resp: 40137
Ion Ratio	Lower Upper
62 100	
98 9.2	0.0 19.2

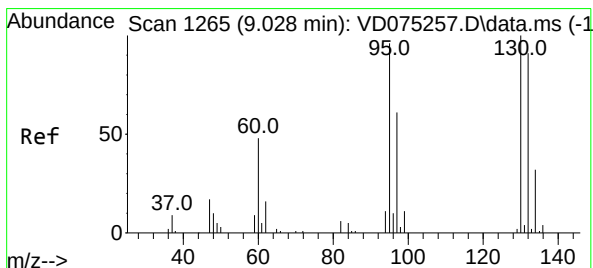
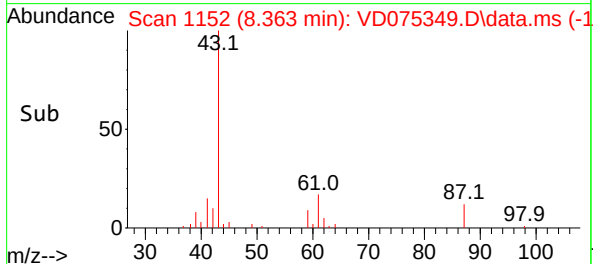
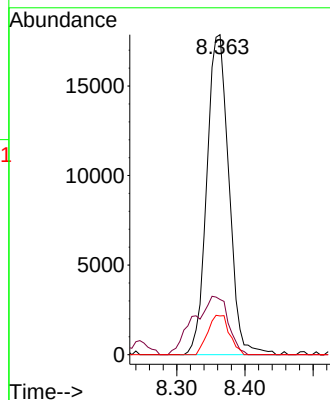
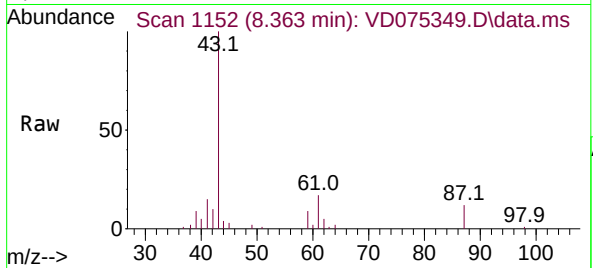




#43
Isopropyl Acetate
Concen: 52.989 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

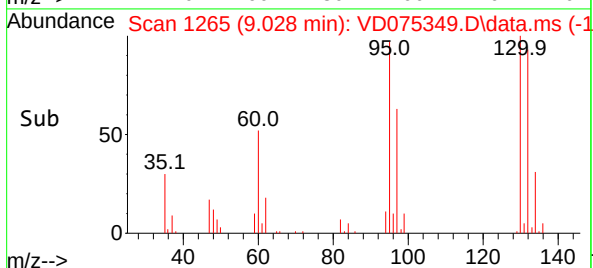
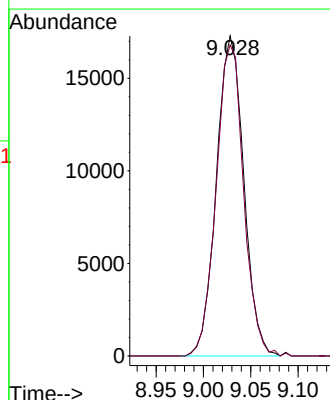
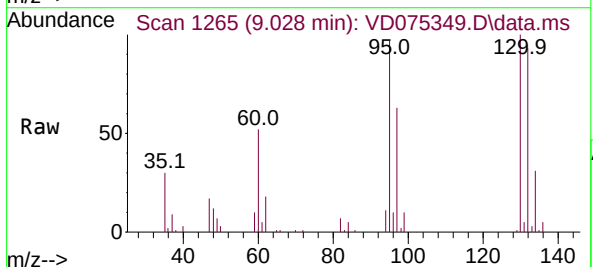
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

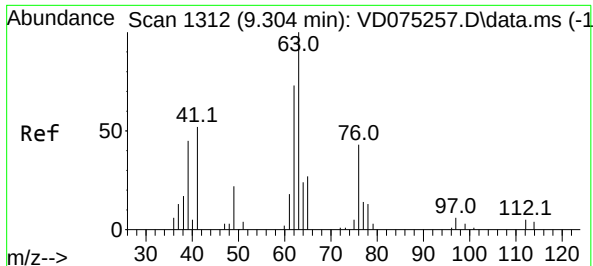
Tgt Ion: 43 Resp: 40172
Ion Ratio Lower Upper
43 100
61 28.5 25.0 37.6
87 12.1 10.6 16.0



#44
Trichloroethene
Concen: 49.359 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion:130 Resp: 34788
Ion Ratio Lower Upper
130 100
95 97.1 0.0 188.6





#45

1,2-Dichloropropane

Concen: 53.003 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

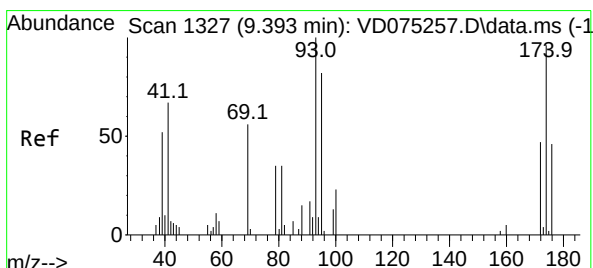
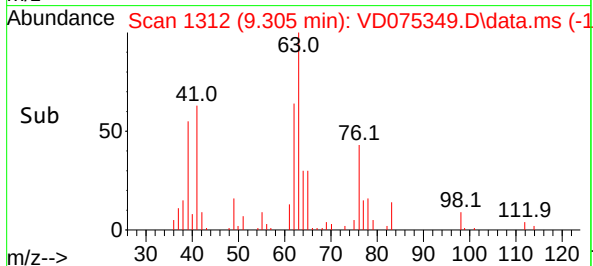
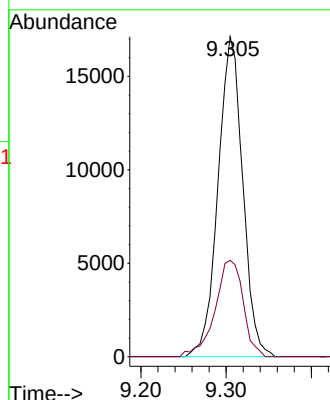
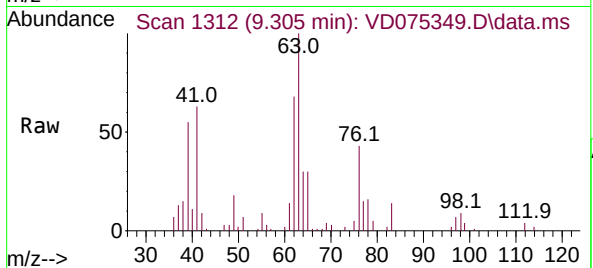
VSTDCCC050

Tgt Ion: 63 Resp: 34417

Ion Ratio Lower Upper

63 100

65 30.1 25.1 37.7



#46

Dibromomethane

Concen: 51.575 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

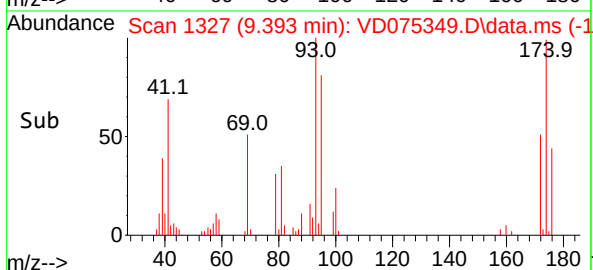
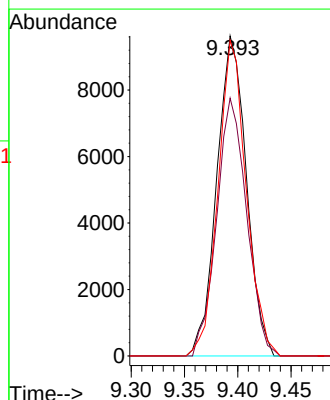
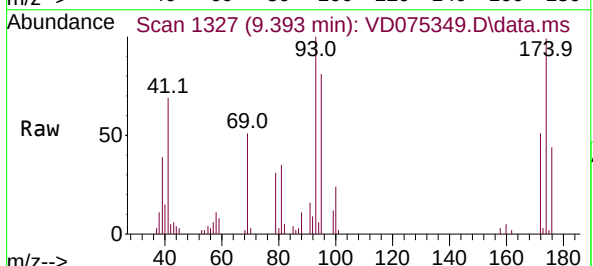
Tgt Ion: 93 Resp: 18559

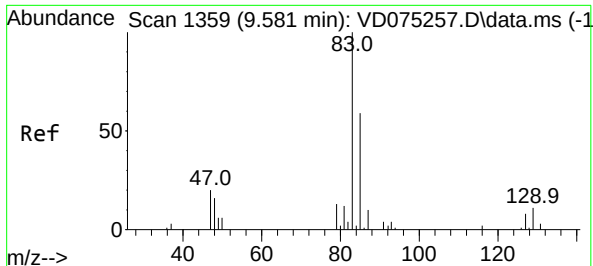
Ion Ratio Lower Upper

93 100

95 81.8 68.3 102.5

174 94.2 77.4 116.0

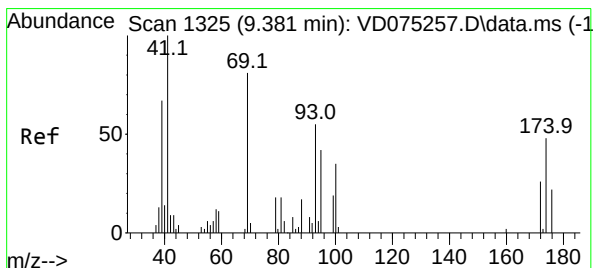
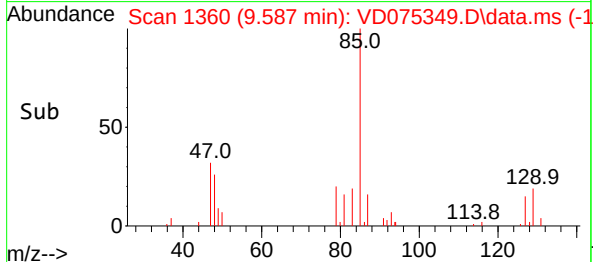
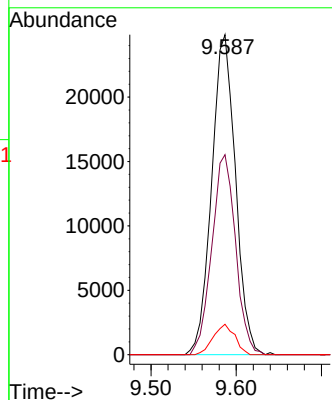
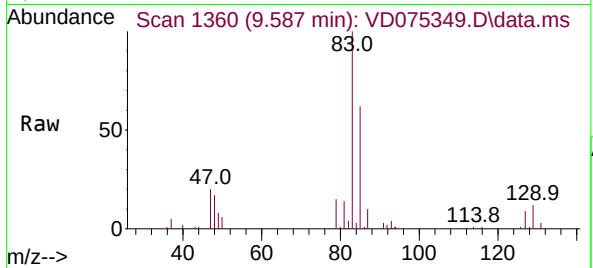




#47
Bromodichloromethane
Concen: 53.871 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

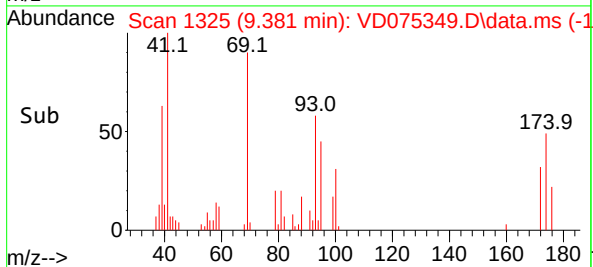
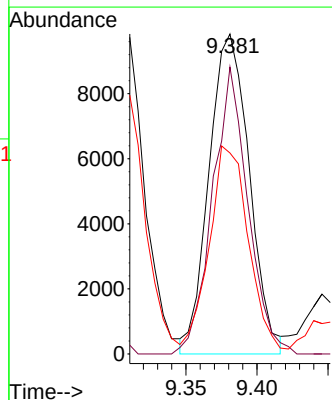
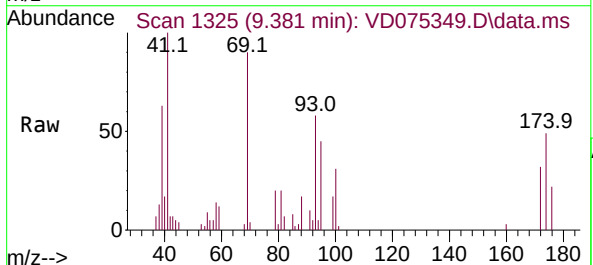
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

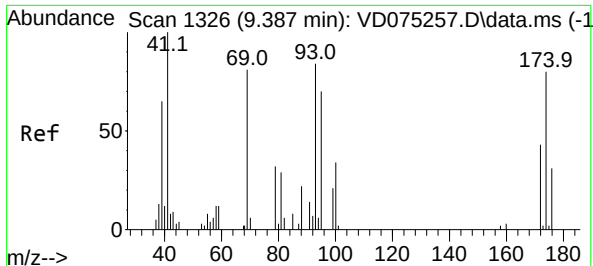
Tgt Ion: 83 Resp: 48246
Ion Ratio Lower Upper
83 100
85 62.5 53.0 79.4
127 9.5 7.0 10.4



#48
Methyl methacrylate
Concen: 53.875 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion: 41 Resp: 19397
Ion Ratio Lower Upper
41 100
69 78.9 67.8 101.6
39 63.9 46.0 69.0





#49

1,4-Dioxane

Concen: 1011.603 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

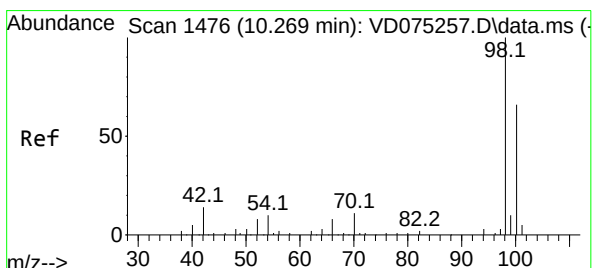
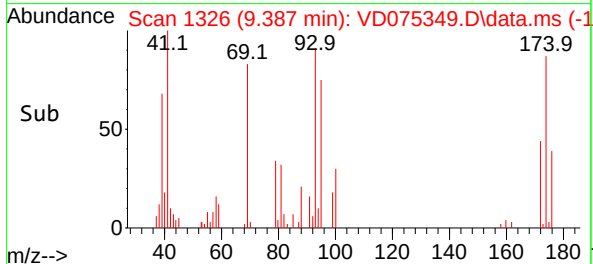
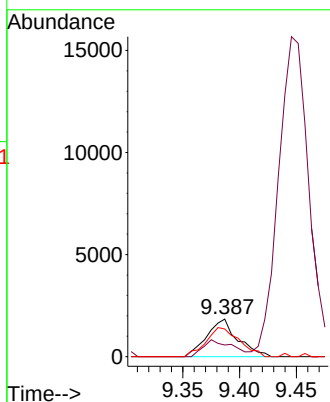
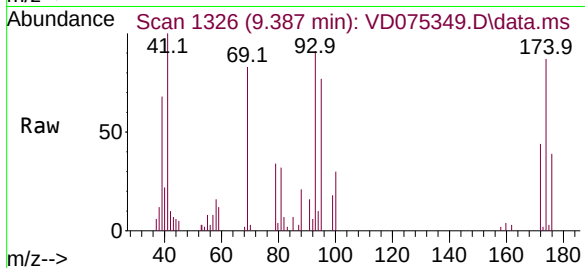
Tgt Ion: 88 Resp: 3472

Ion Ratio Lower Upper

88 100

43 41.7 35.6 53.4

58 83.0 57.4 86.2



#50

Toluene-d8

Concen: 50.688 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075349.D

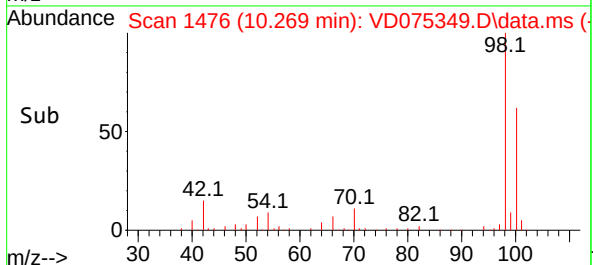
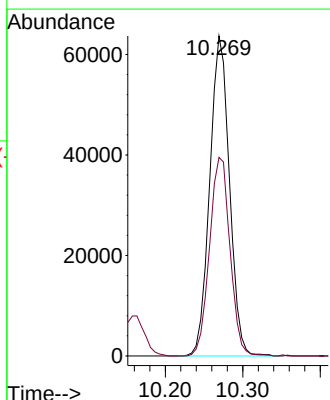
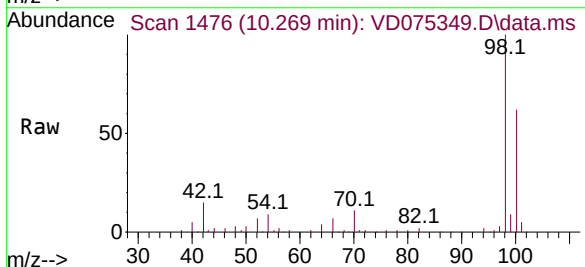
Acq: 17 Feb 2023 09:38

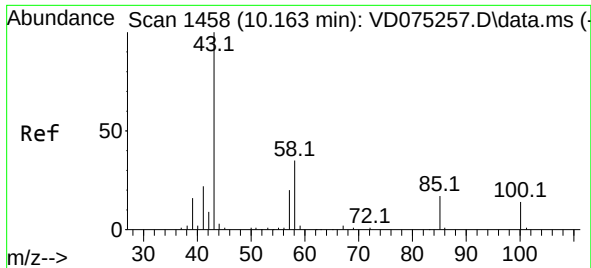
Tgt Ion: 98 Resp: 112260

Ion Ratio Lower Upper

98 100

100 64.5 52.7 79.1

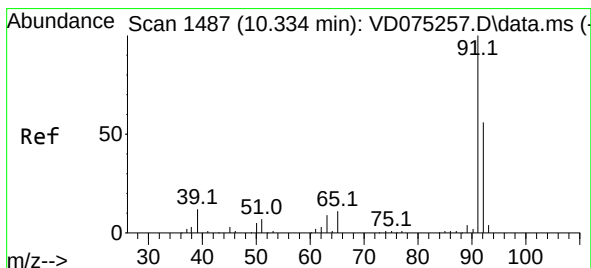
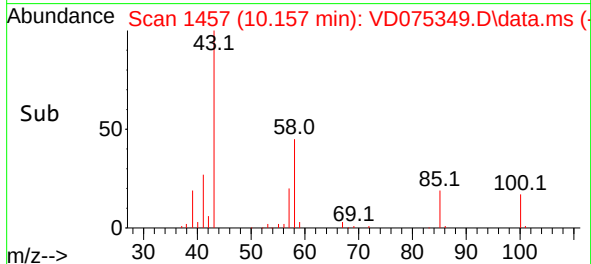
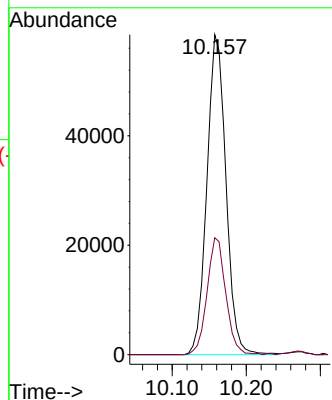
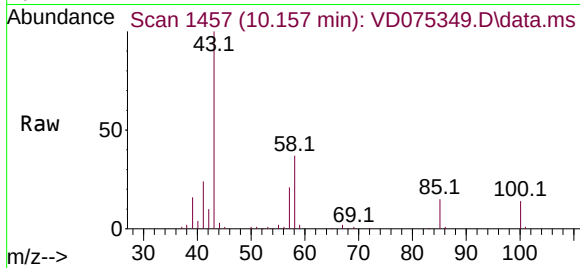




#51
4-Methyl-2-Pentanone
Concen: 272.661 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

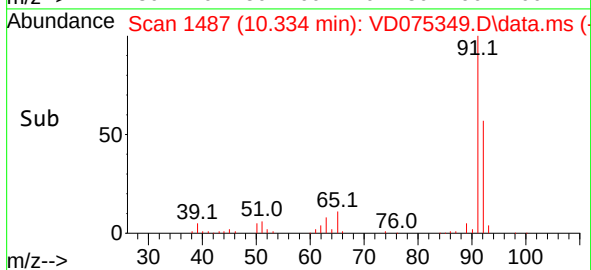
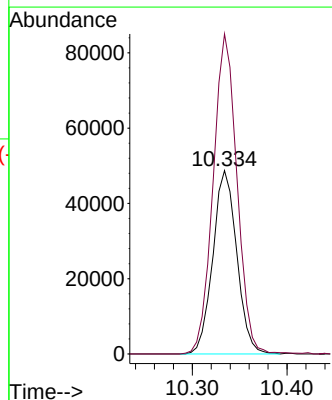
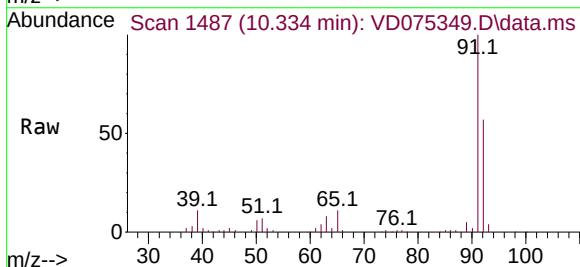
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

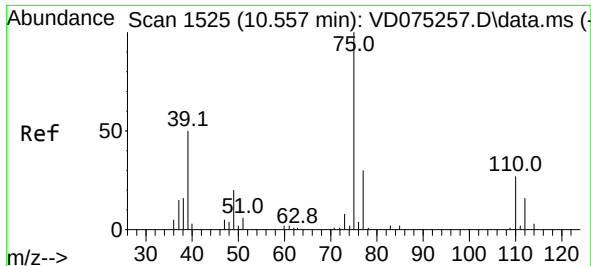
Tgt Ion: 43 Resp: 104502
Ion Ratio Lower Upper
43 100
58 35.8 31.4 47.0



#52
Toluene
Concen: 53.112 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion: 92 Resp: 85534
Ion Ratio Lower Upper
92 100
91 174.5 137.0 205.4

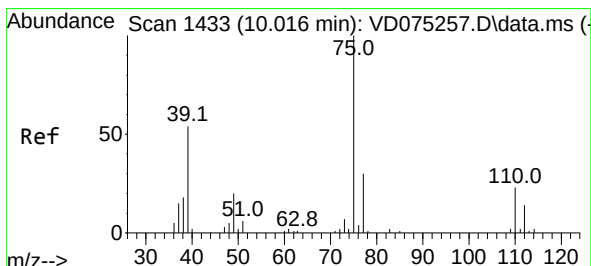
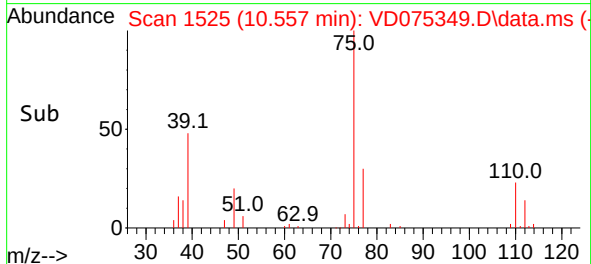
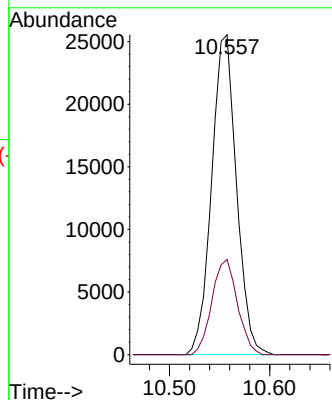
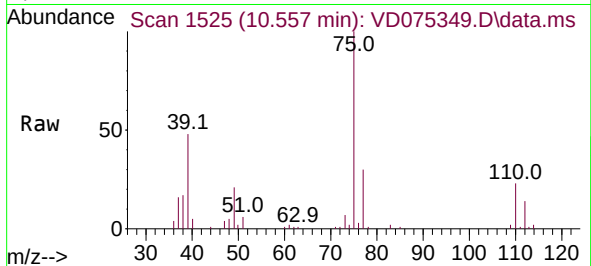




#53
 t-1,3-Dichloropropene
 Concen: 56.773 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD075349.D
 Acq: 17 Feb 2023 09:38

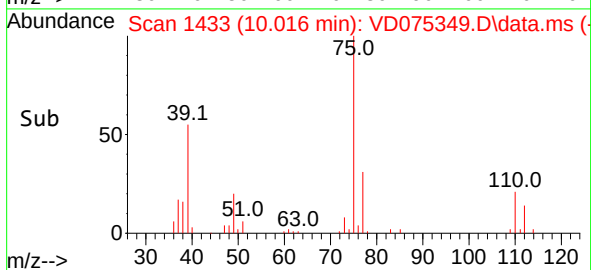
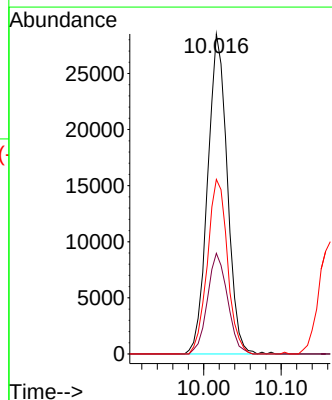
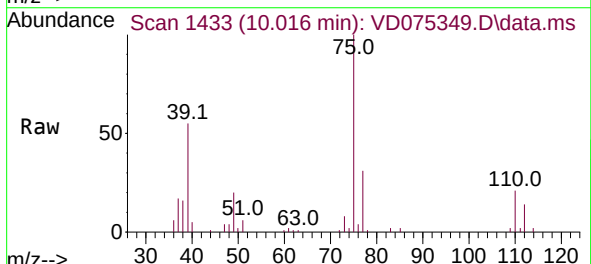
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

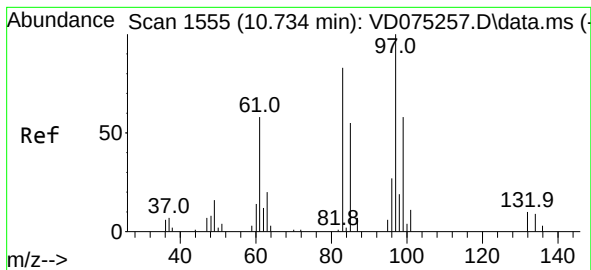
Tgt Ion: 75 Resp: 44041
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 54.214 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075349.D
 Acq: 17 Feb 2023 09:38

Tgt Ion: 75 Resp: 50282
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.1 37.7
 39 54.5 37.9 56.9





#55

1,1,2-Trichloroethane

Concen: 53.634 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 24637

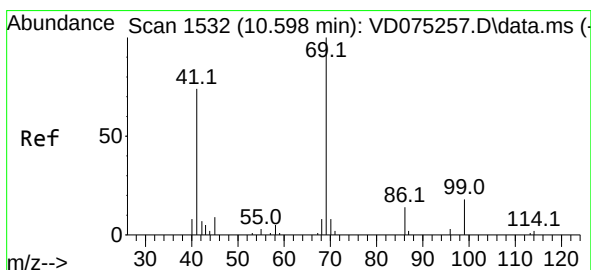
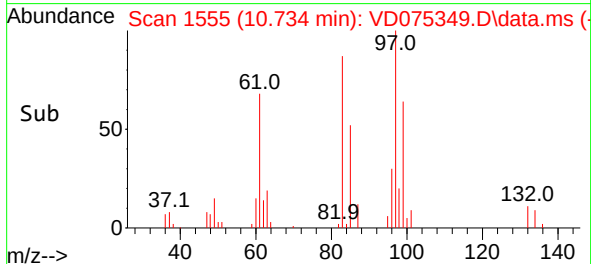
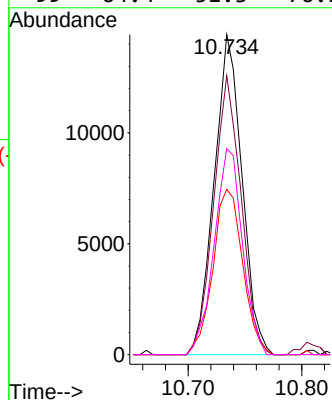
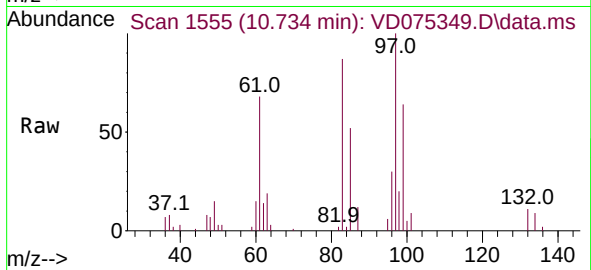
Ion Ratio Lower Upper

97 100

83 87.1 69.4 104.0

85 51.6 46.0 69.0

99 64.4 51.3 76.9



#56

Ethyl methacrylate

Concen: 56.088 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.001 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

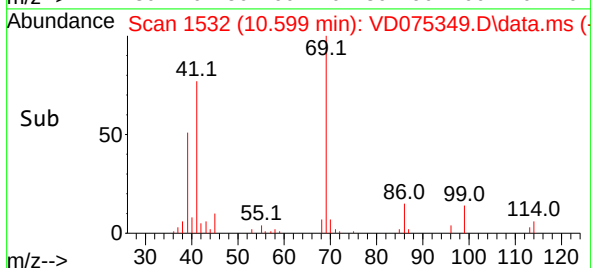
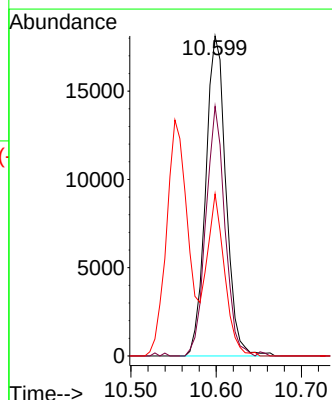
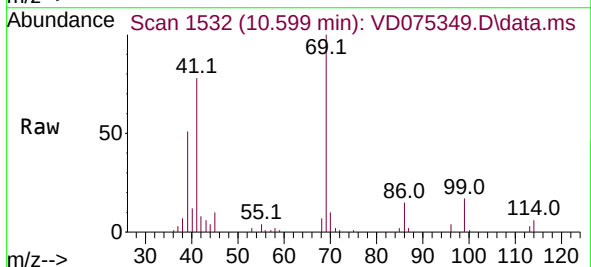
Tgt Ion: 69 Resp: 29952

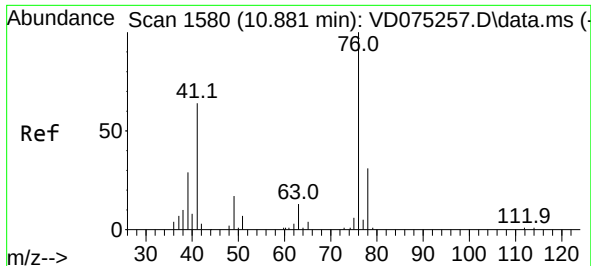
Ion Ratio Lower Upper

69 100

41 73.5 55.7 83.5

39 43.4 31.4 47.0





#57

1,3-Dichloropropane

Concen: 53.394 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

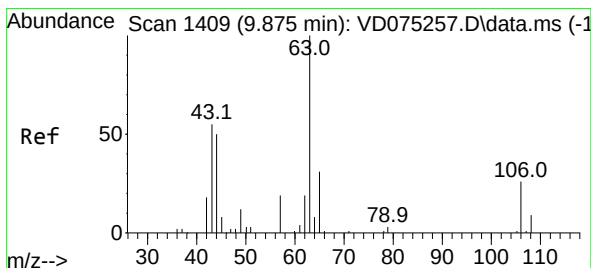
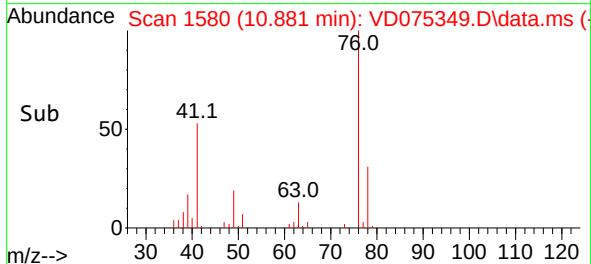
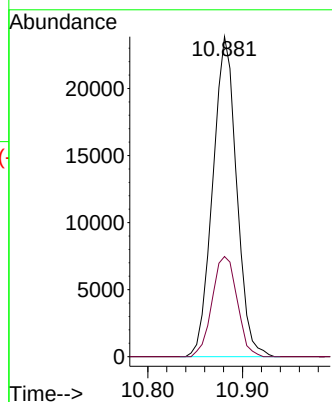
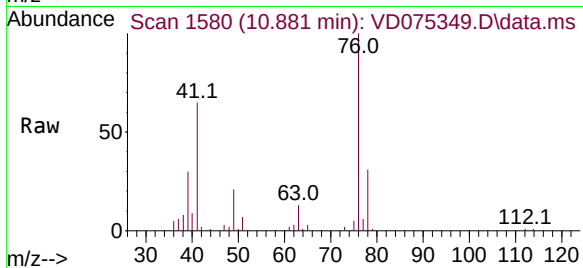
VSTDCCC050

Tgt Ion: 76 Resp: 41782

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 247.379 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.006 min

Lab File: VD075349.D

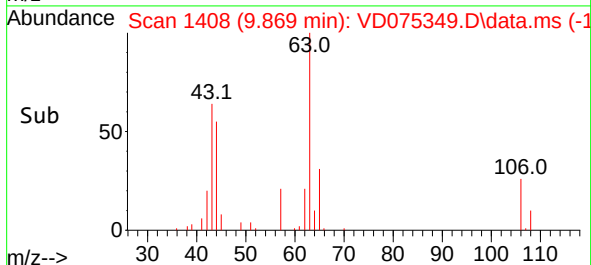
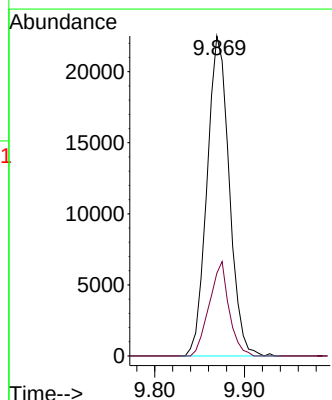
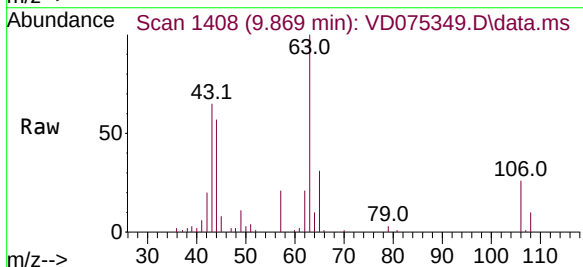
Acq: 17 Feb 2023 09:38

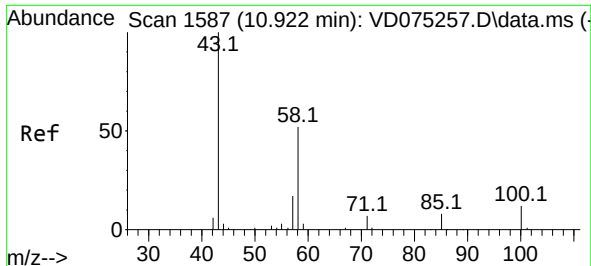
Tgt Ion: 63 Resp: 38592

Ion Ratio Lower Upper

63 100

106 26.3 22.6 33.8

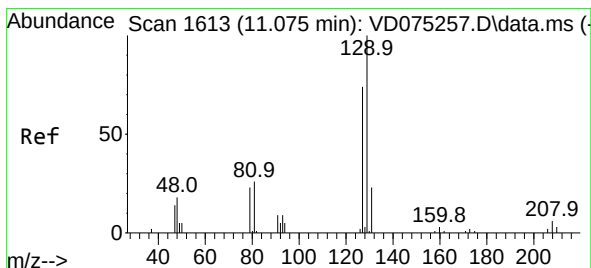
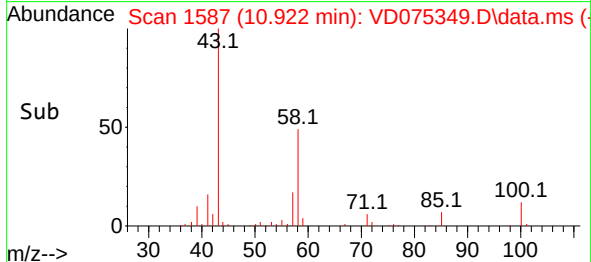
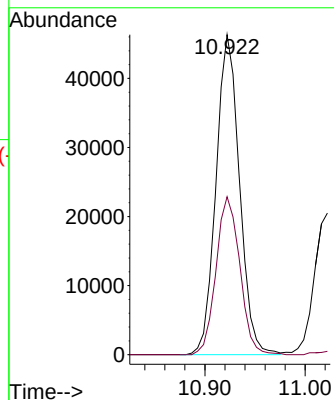
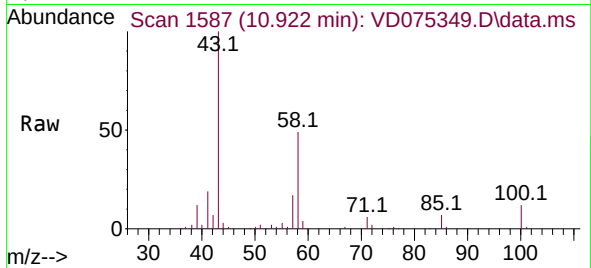




#59
2-Hexanone
Concen: 268.927 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

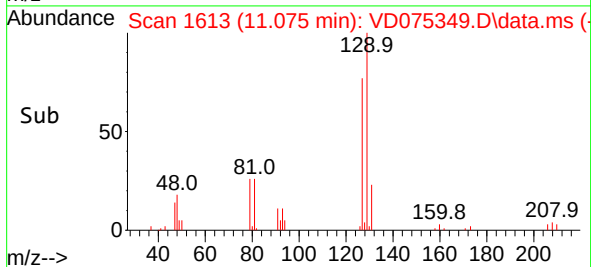
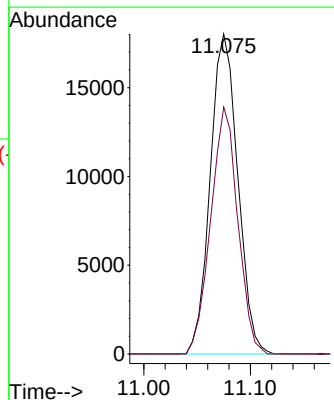
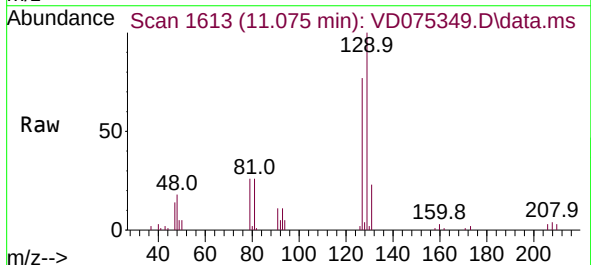
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

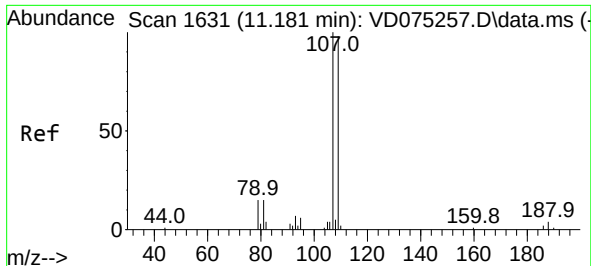
Tgt Ion: 43 Resp: 75302
Ion Ratio Lower Upper
43 100
58 50.0 26.8 80.4



#60
Dibromochloromethane
Concen: 56.932 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion: 129 Resp: 32401
Ion Ratio Lower Upper
129 100
127 75.6 38.9 116.6

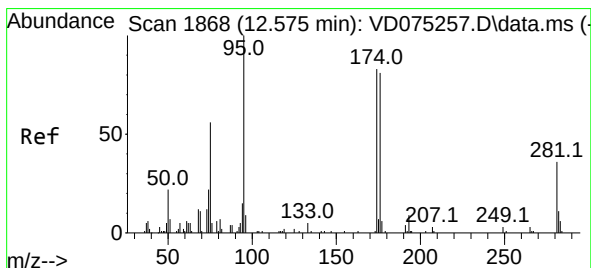
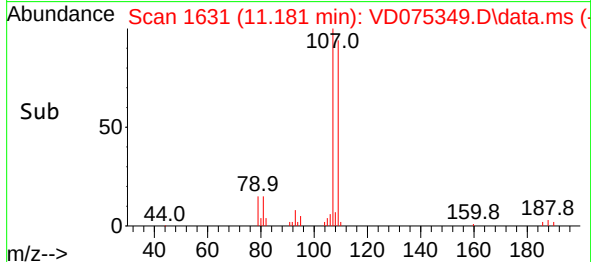
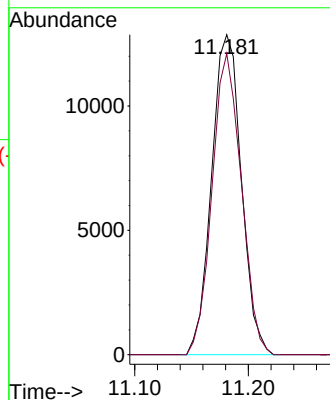
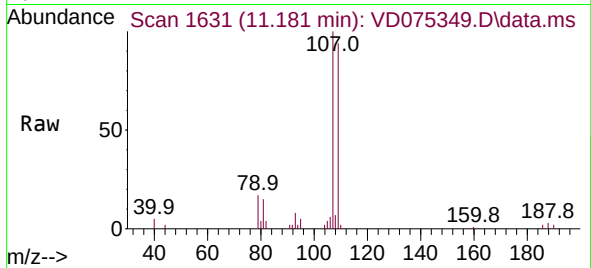




#61
1,2-Dibromoethane
Concen: 52.821 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

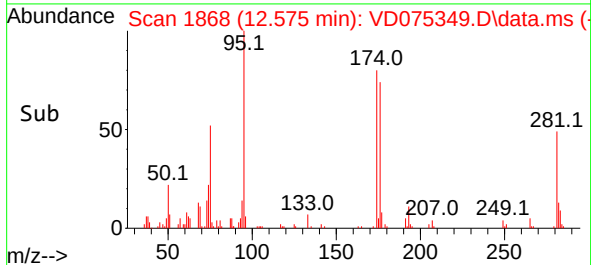
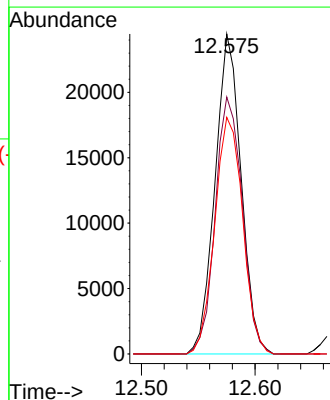
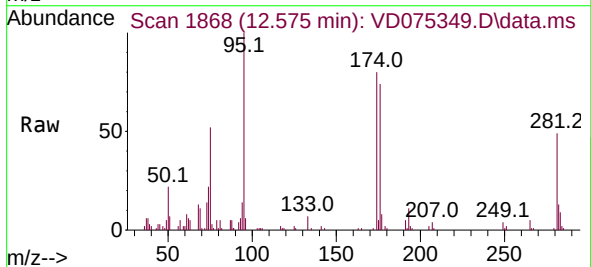
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

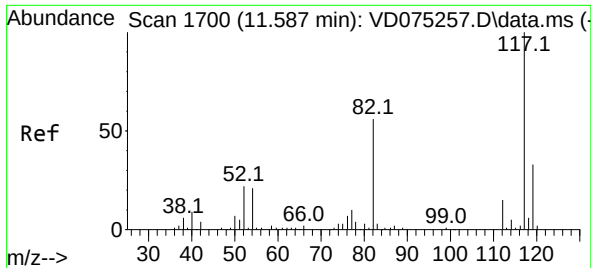
Tgt Ion:107 Resp: 23396
Ion Ratio Lower Upper
107 100
109 92.6 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 53.394 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion: 95 Resp: 38992
Ion Ratio Lower Upper
95 100
174 83.5 0.0 161.2
176 79.3 0.0 160.2

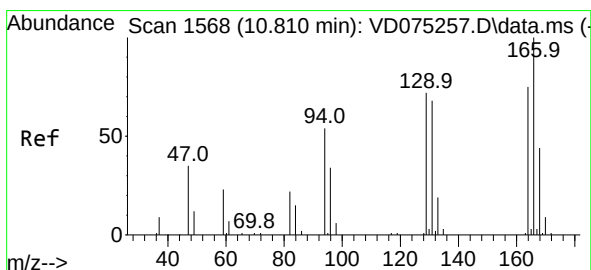
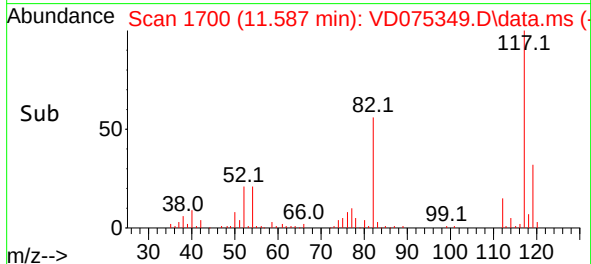
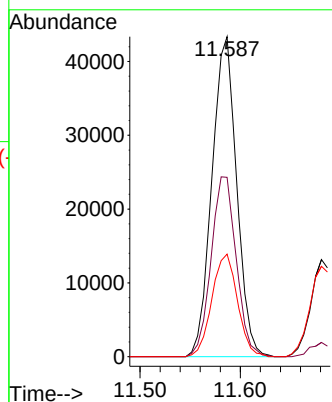
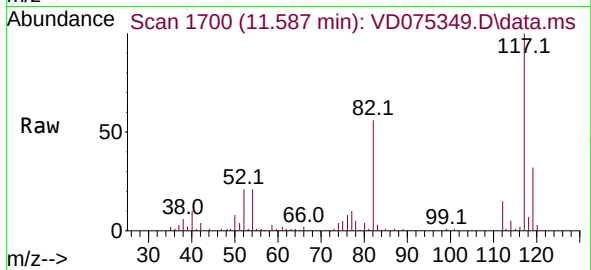




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

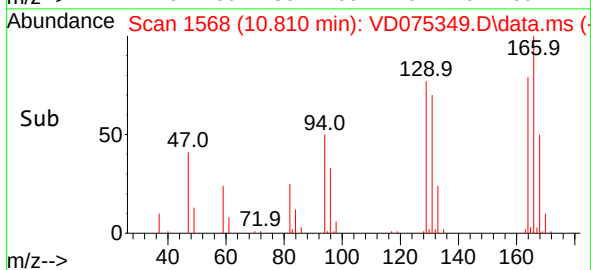
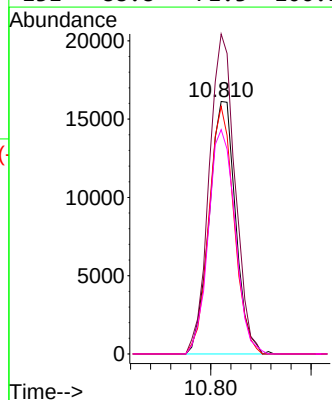
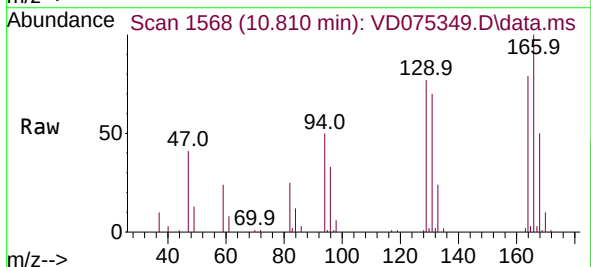
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

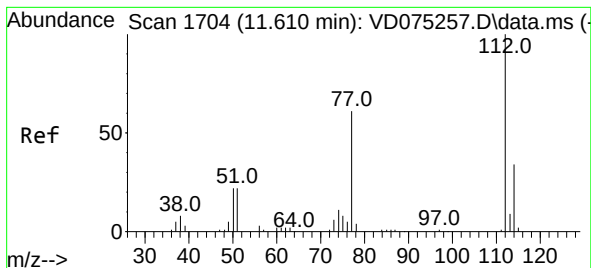
Tgt Ion:117 Resp: 74184
Ion Ratio Lower Upper
117 100
82 56.1 39.6 59.4
119 32.1 24.6 37.0



#64
Tetrachloroethene
Concen: 51.371 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion:164 Resp: 29351
Ion Ratio Lower Upper
164 100
166 126.8 105.3 157.9
129 98.1 76.2 114.4
131 88.8 71.3 106.9





#65

Chlorobenzene

Concen: 54.261 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

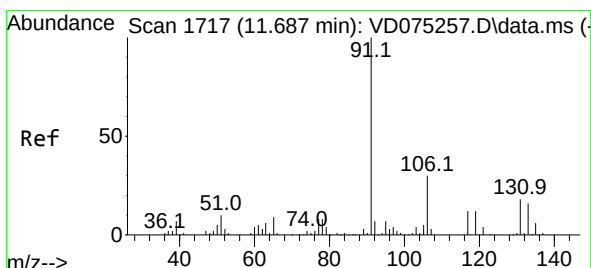
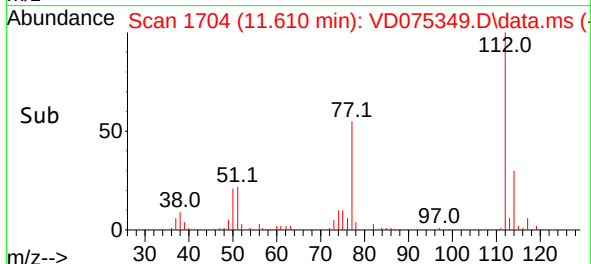
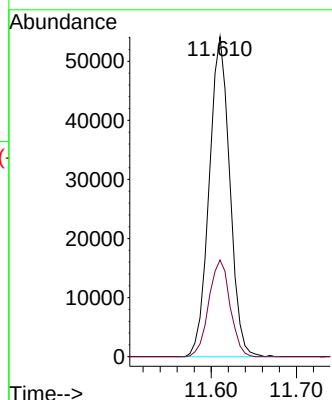
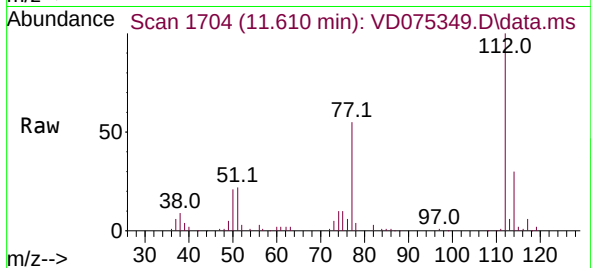
VSTDCCC050

Tgt Ion:112 Resp: 90777

Ion Ratio Lower Upper

112 100

114 30.2 24.7 37.1



#66

1,1,1,2-Tetrachloroethane

Concen: 56.027 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

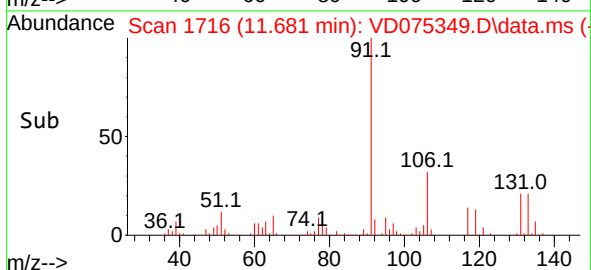
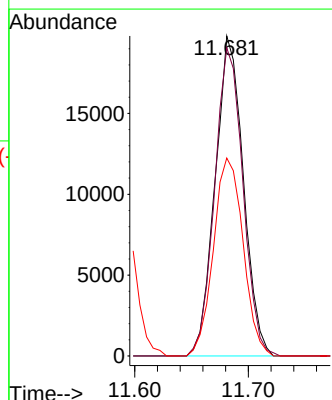
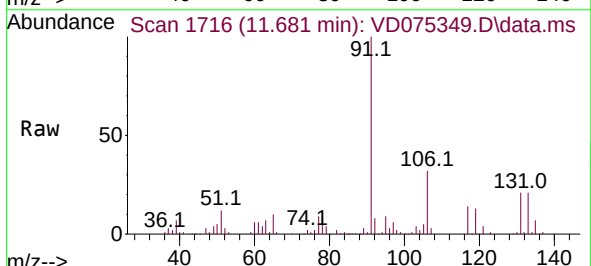
Tgt Ion:131 Resp: 34126

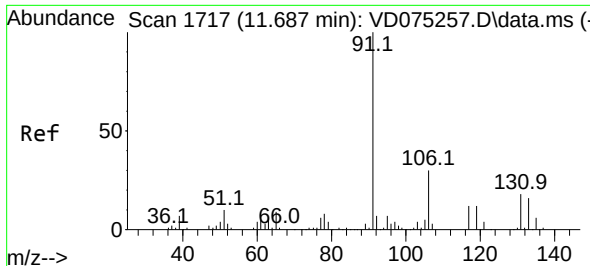
Ion Ratio Lower Upper

131 100

133 96.5 49.0 147.2

119 65.2 34.8 104.5





#67

Ethyl Benzene

Concen: 53.723 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

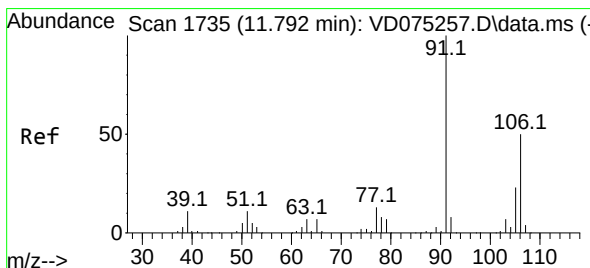
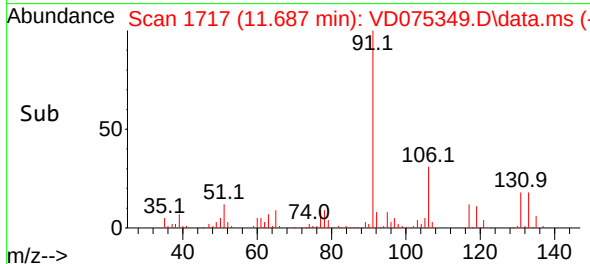
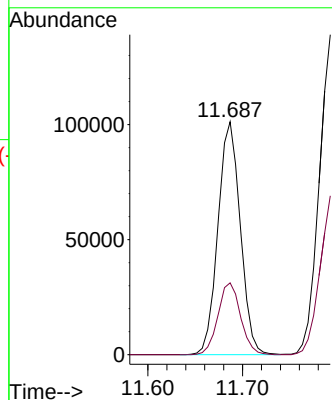
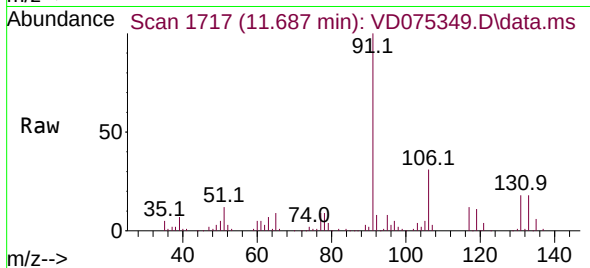
VSTDCCC050

Tgt Ion: 91 Resp: 165932

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.6



#68

m/p-Xylenes

Concen: 108.139 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD075349.D

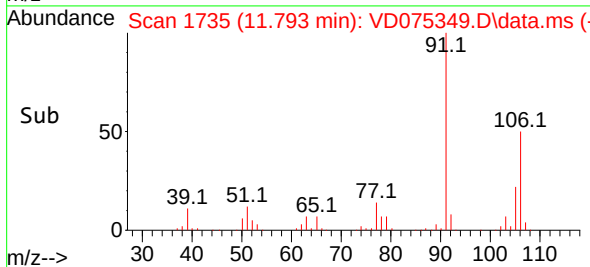
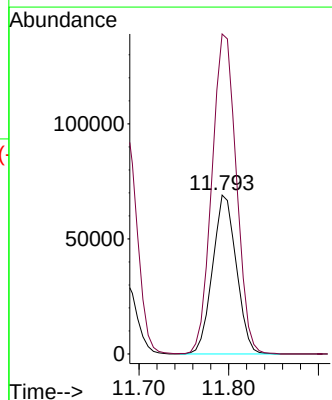
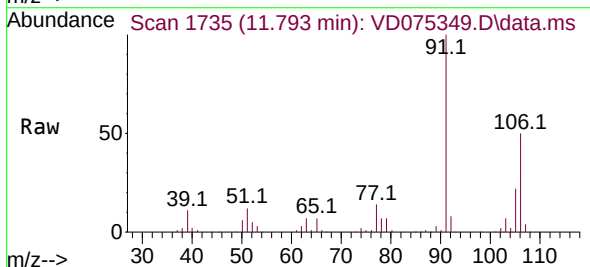
Acq: 17 Feb 2023 09:38

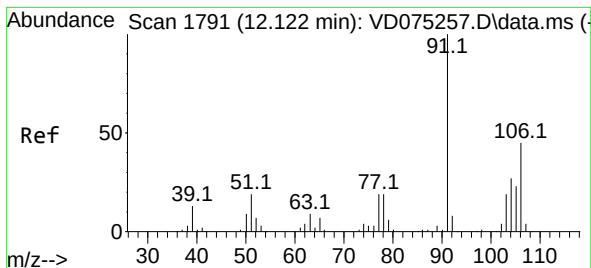
Tgt Ion:106 Resp: 127051

Ion Ratio Lower Upper

106 100

91 207.1 160.3 240.5





#69

o-Xylene

Concen: 54.490 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

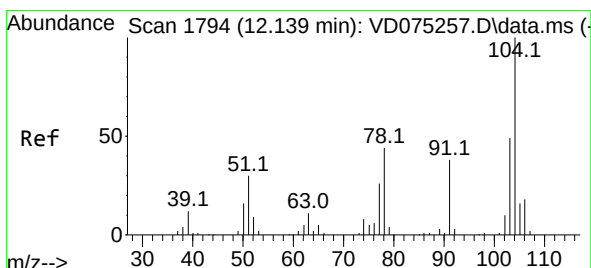
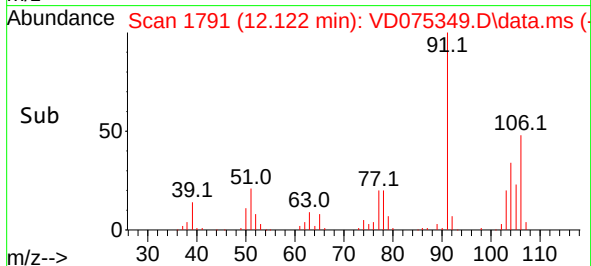
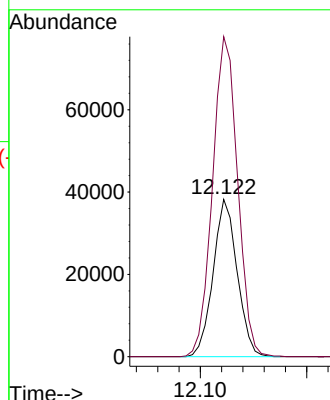
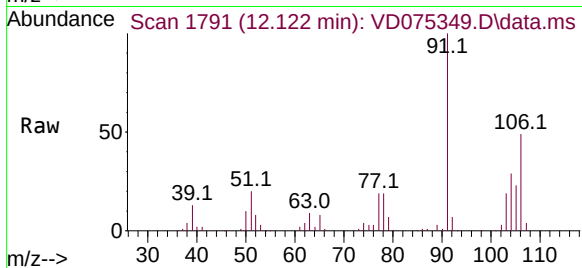
VSTDCCC050

Tgt Ion:106 Resp: 59800

Ion Ratio Lower Upper

106 100

91 212.2 103.6 310.9



#70

Styrene

Concen: 55.972 ug/l

RT: 12.140 min Scan# 1794

Delta R.T. 0.001 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

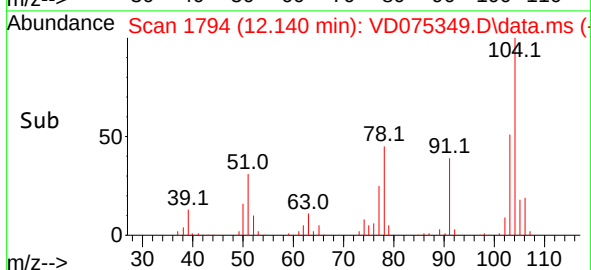
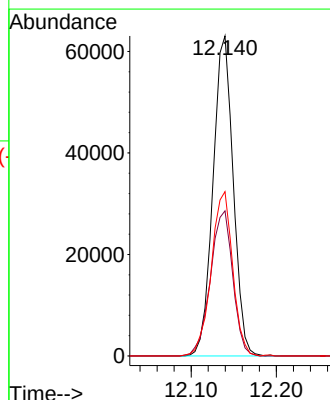
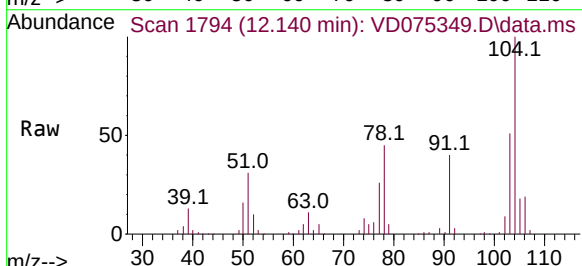
Tgt Ion:104 Resp: 104052

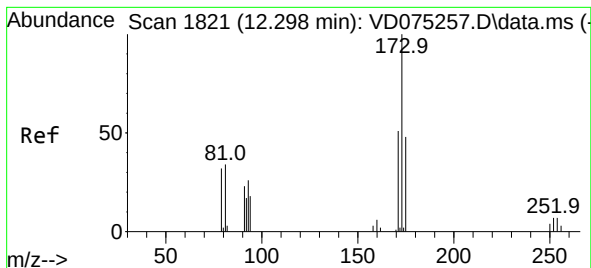
Ion Ratio Lower Upper

104 100

78 50.0 38.9 58.3

103 54.3 43.6 65.4





#71

Bromoform

Concen: 56.032 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.001 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

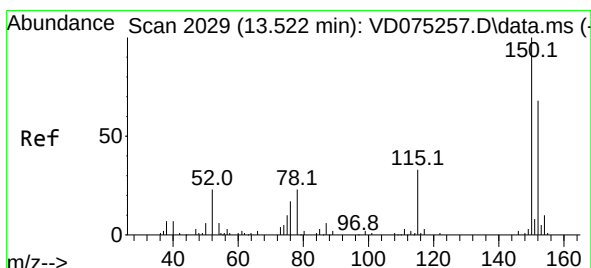
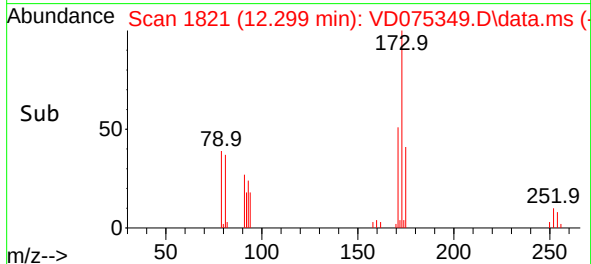
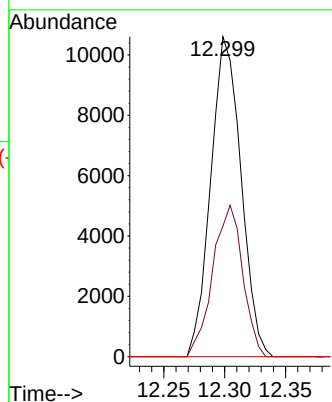
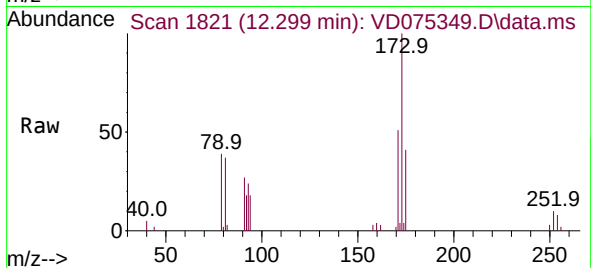
Tgt Ion:173 Resp: 18332

Ion Ratio Lower Upper

173 100

175 46.9 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: VD075349.D

Acq: 17 Feb 2023 09:38

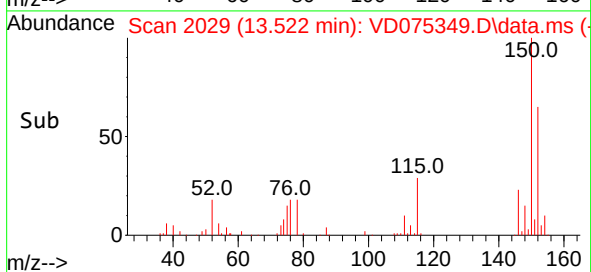
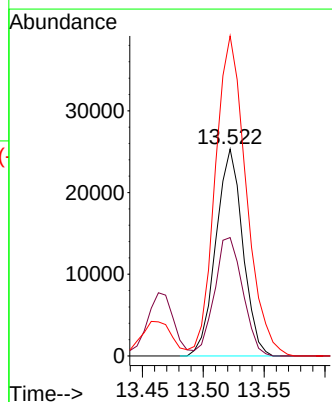
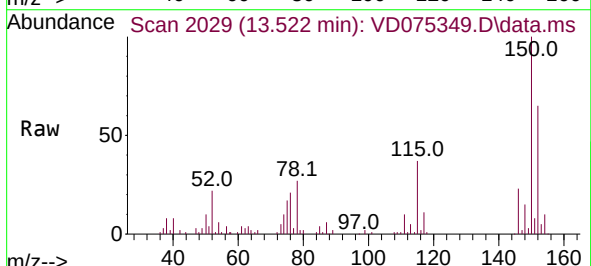
Tgt Ion:152 Resp: 38932

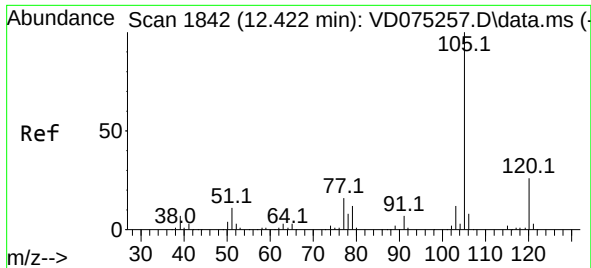
Ion Ratio Lower Upper

152 100

115 60.0 28.8 86.4

150 178.0 0.0 348.6

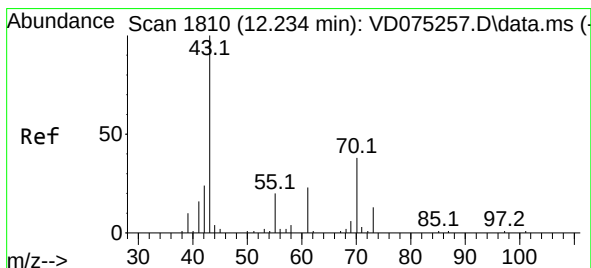
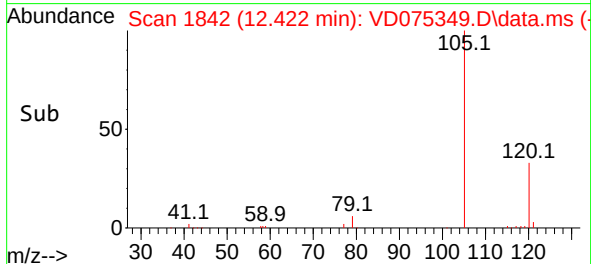
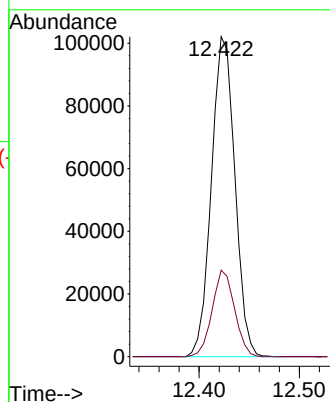
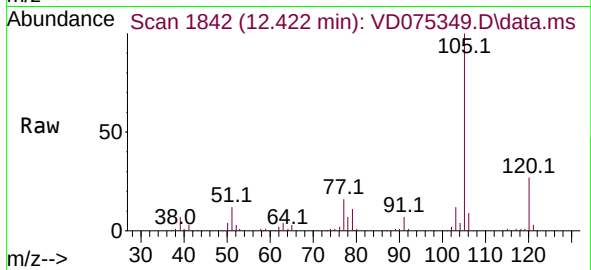




#73
Isopropylbenzene
Concen: 52.599 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

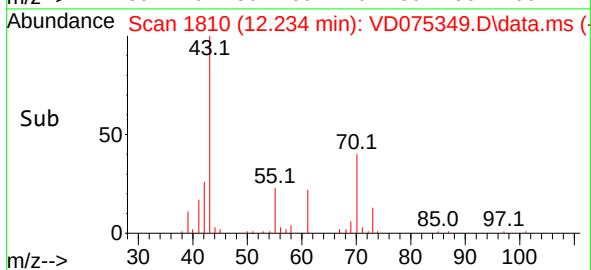
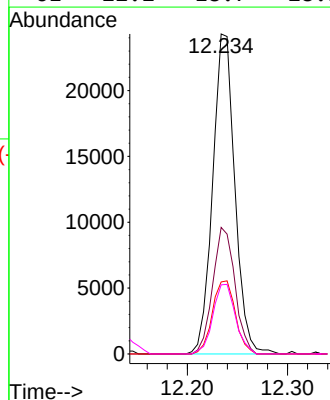
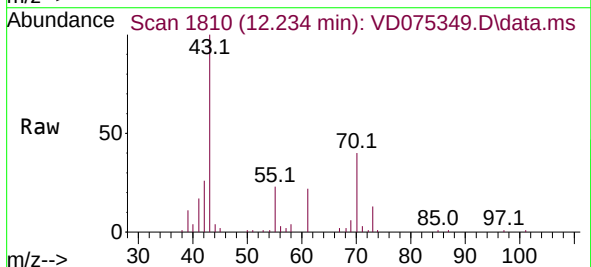
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

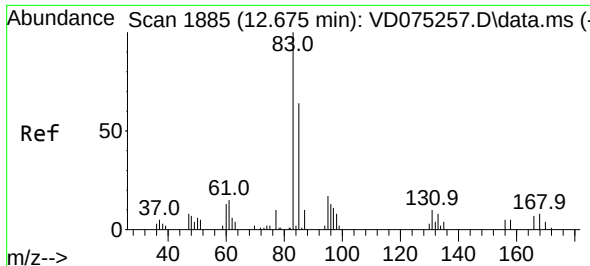
Tgt Ion:105 Resp: 165894
Ion Ratio Lower Upper
105 100
120 25.8 13.7 41.1



#74
N-ethyl acetate
Concen: 52.689 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion: 43 Resp: 37342
Ion Ratio Lower Upper
43 100
70 39.5 32.6 49.0
55 23.7 17.8 26.8
61 22.2 18.7 28.1

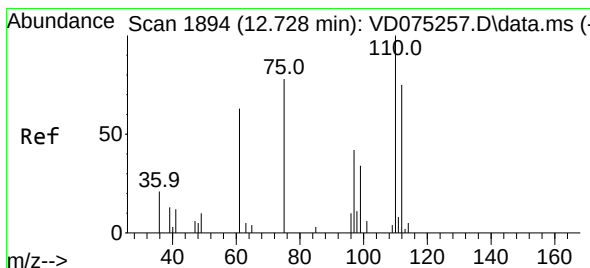
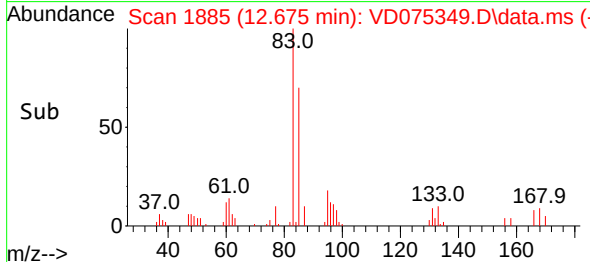
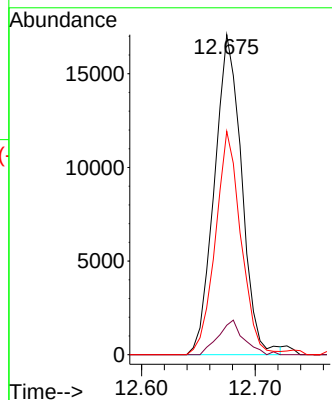
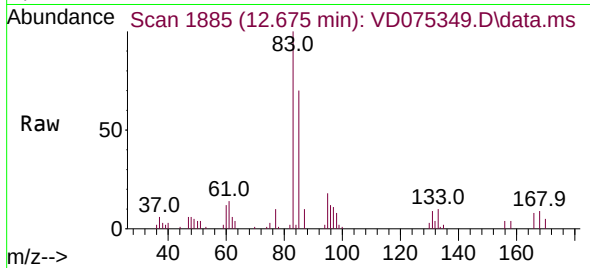




#75
1,1,2,2-Tetrachloroethane
Concen: 51.908 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

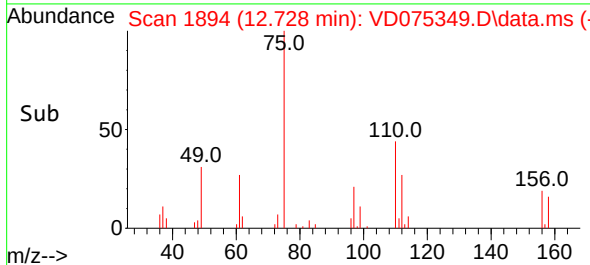
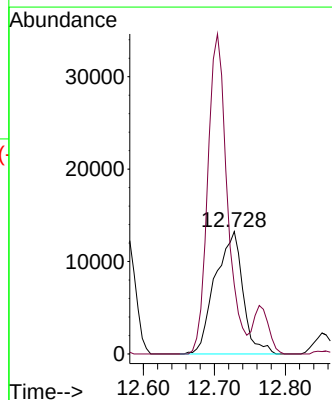
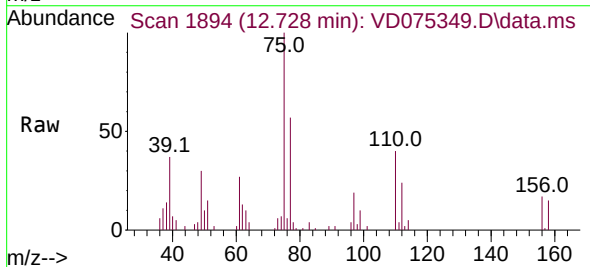
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

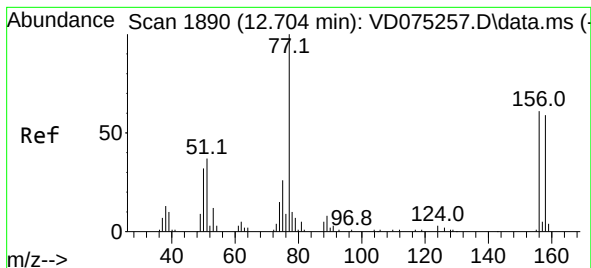
Tgt Ion: 83 Resp: 28483
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.6
85 65.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 81.226 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion: 75 Resp: 35919
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.218 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

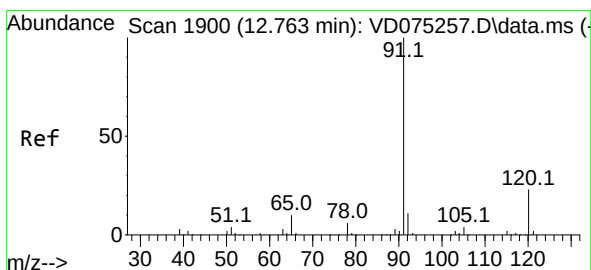
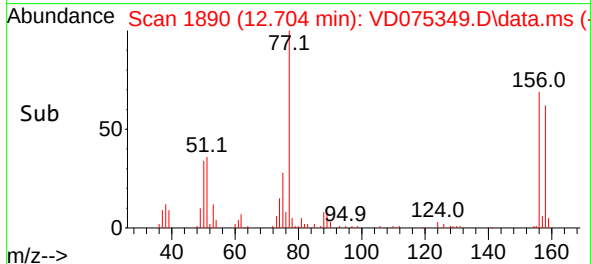
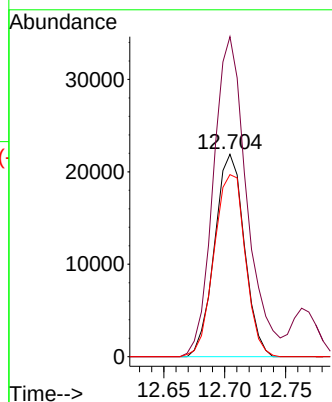
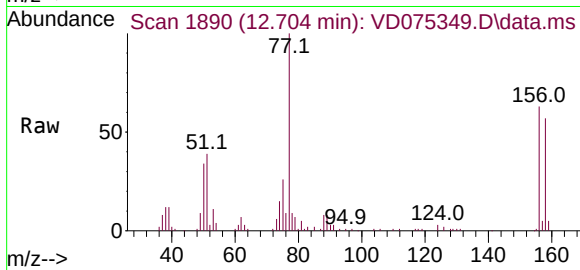
Tgt Ion:156 Resp: 37293

Ion Ratio Lower Upper

156 100

77 177.1 85.6 256.8

158 94.5 47.3 141.9



#78

n-propylbenzene

Concen: 51.606 ug/l

RT: 12.769 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VD075349.D

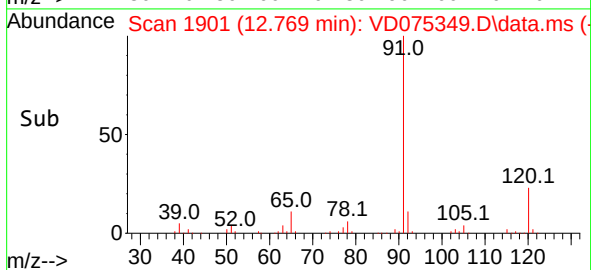
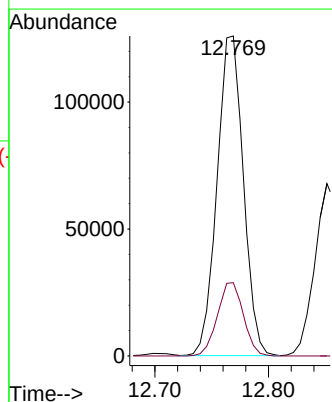
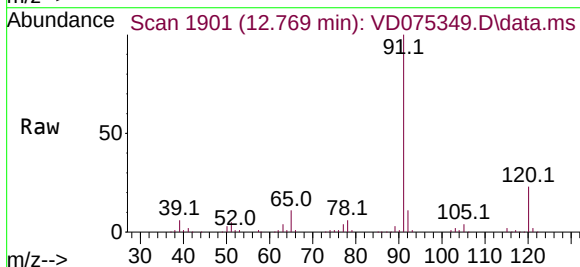
Acq: 17 Feb 2023 09:38

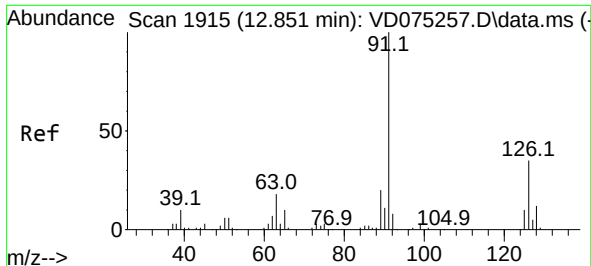
Tgt Ion: 91 Resp: 202524

Ion Ratio Lower Upper

91 100

120 22.7 11.7 35.0

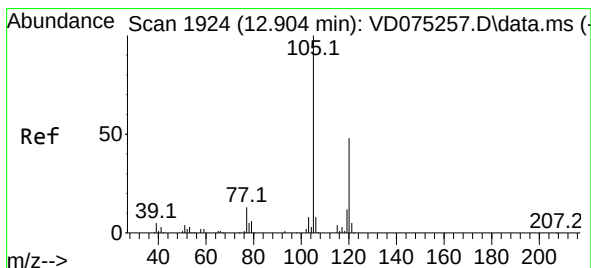
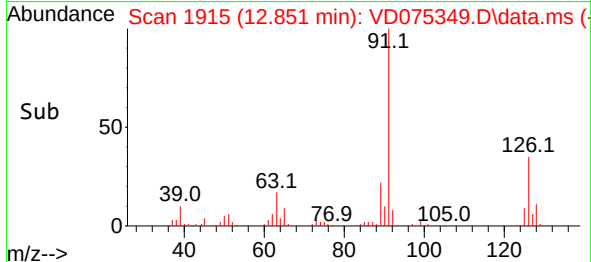
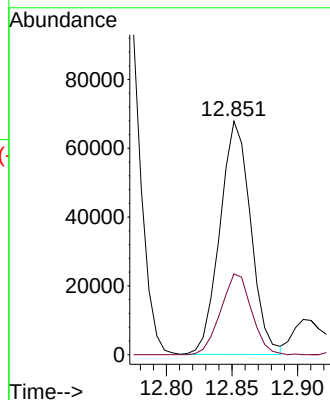
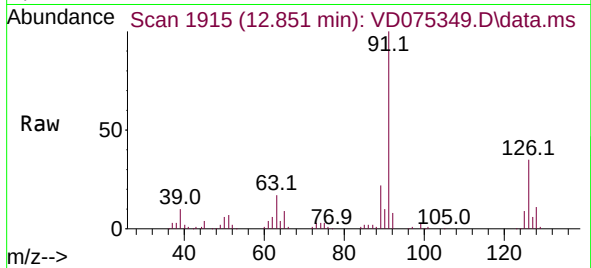




#79
2-Chlorotoluene
Concen: 51.586 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

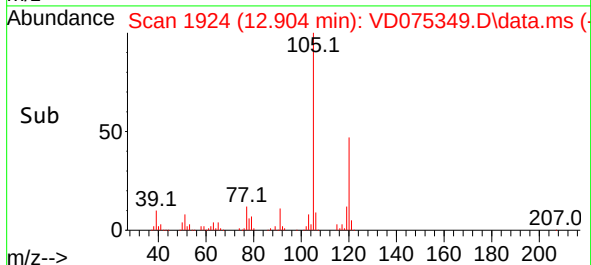
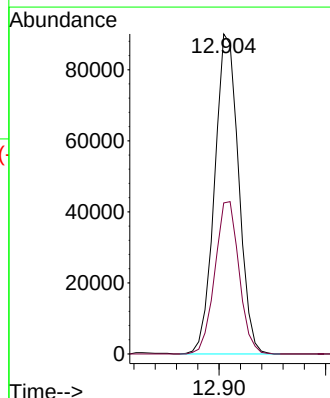
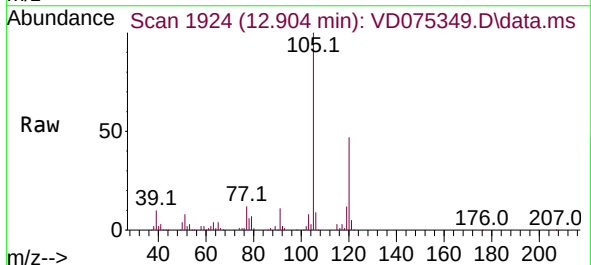
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

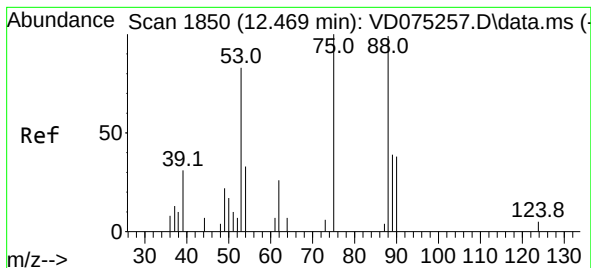
Tgt Ion: 91 Resp: 111045
Ion Ratio Lower Upper
91 100
126 34.6 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 53.584 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion: 105 Resp: 140717
Ion Ratio Lower Upper
105 100
120 47.9 24.6 73.8

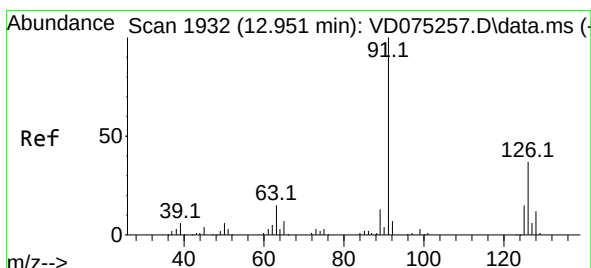
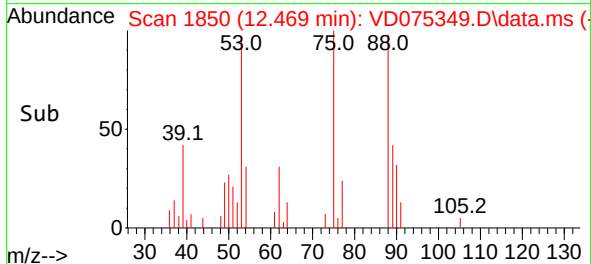
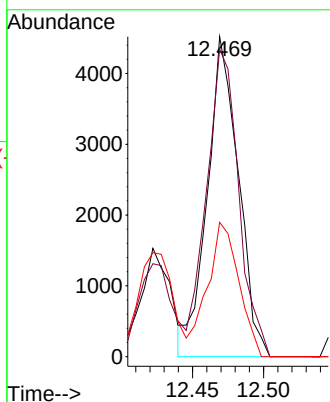
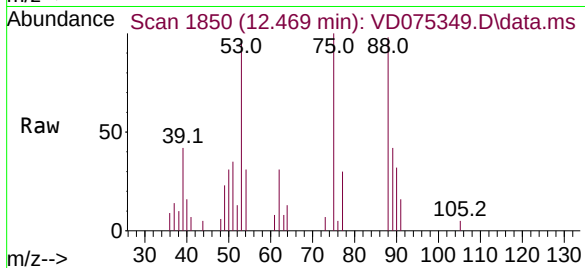




#81
trans-1,4-Dichloro-2-butene
Concen: 50.396 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

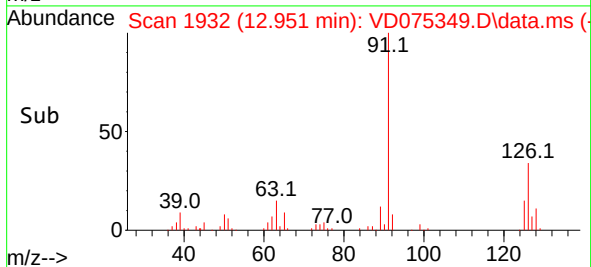
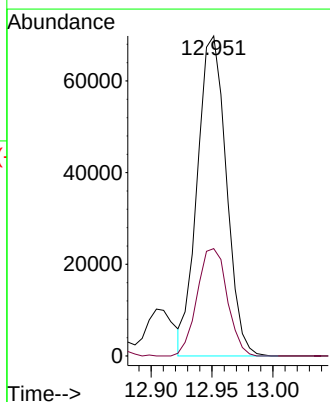
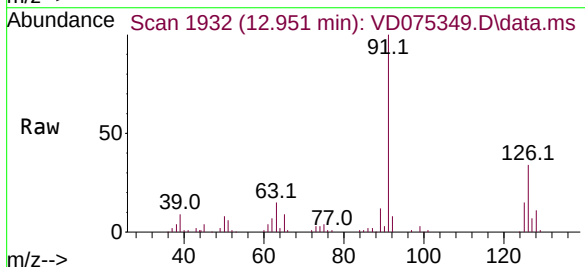
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

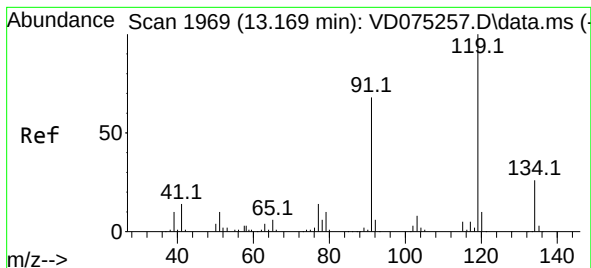
Tgt Ion: 75 Resp: 6868
Ion Ratio Lower Upper
75 100
53 99.2 70.5 105.7
89 42.5 34.6 52.0



#82
4-Chlorotoluene
Concen: 51.544 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion: 91 Resp: 115742
Ion Ratio Lower Upper
91 100
126 34.8 17.3 52.0





#83

tert-Butylbenzene

Concen: 52.431 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

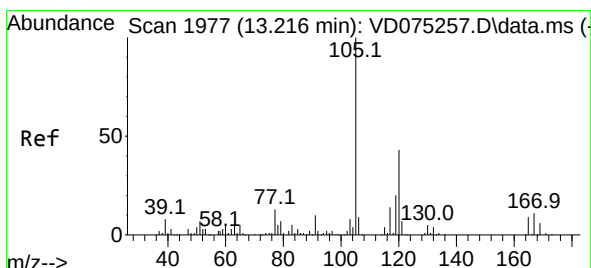
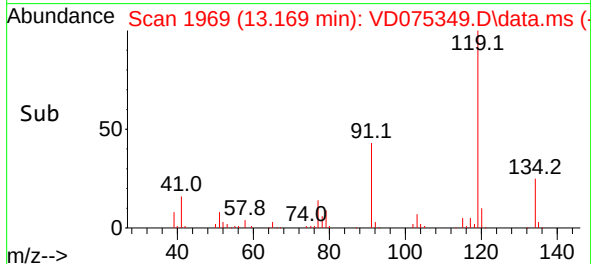
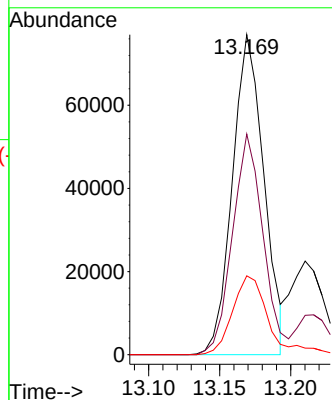
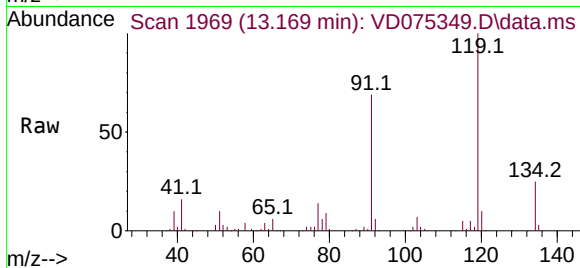
Tgt Ion:119 Resp: 118703

Ion Ratio Lower Upper

119 100

91 67.3 32.9 98.6

134 28.1 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 52.763 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075349.D

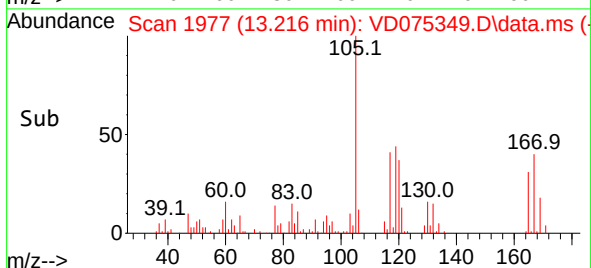
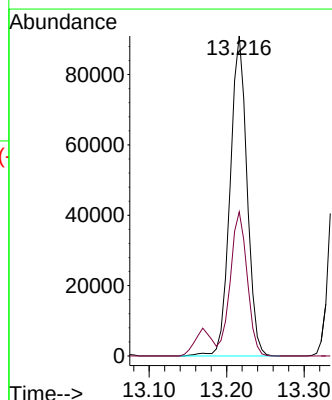
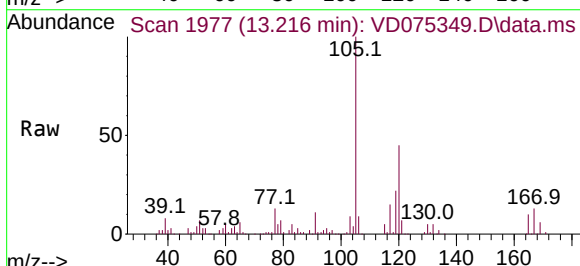
Acq: 17 Feb 2023 09:38

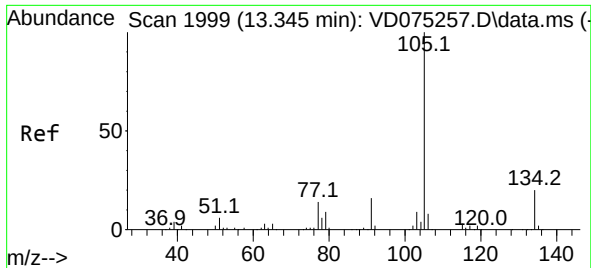
Tgt Ion:105 Resp: 138392

Ion Ratio Lower Upper

105 100

120 44.9 23.2 69.5

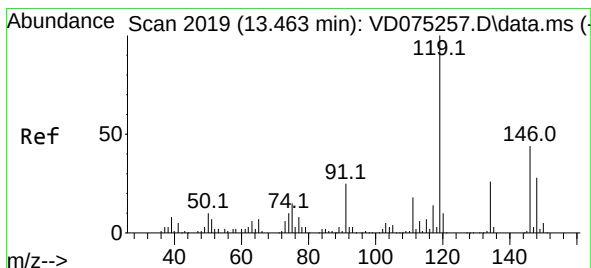
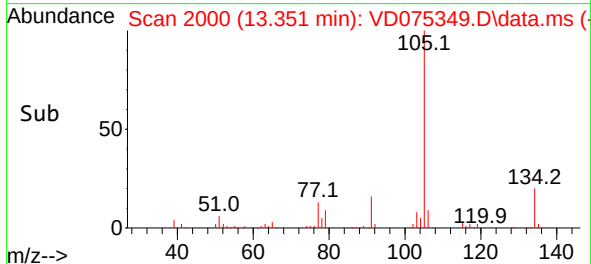
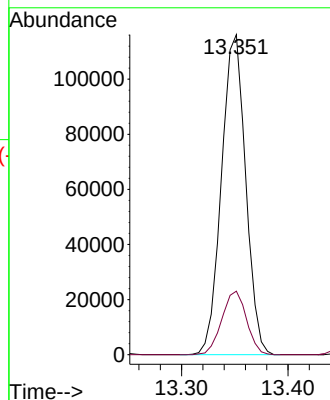
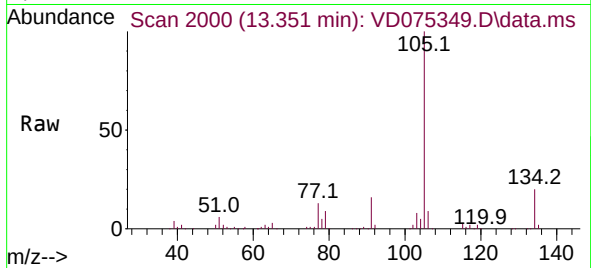




#85
 sec-Butylbenzene
 Concen: 52.781 ug/l
 RT: 13.351 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD075349.D
 Acq: 17 Feb 2023 09:38

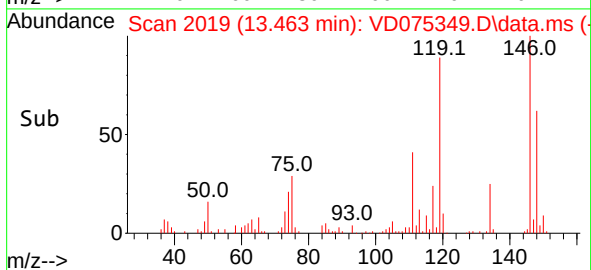
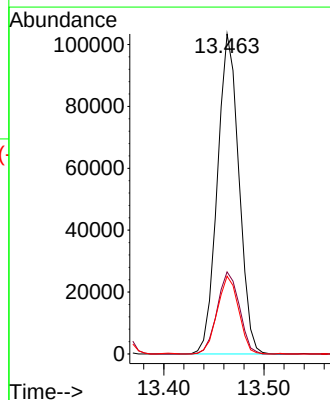
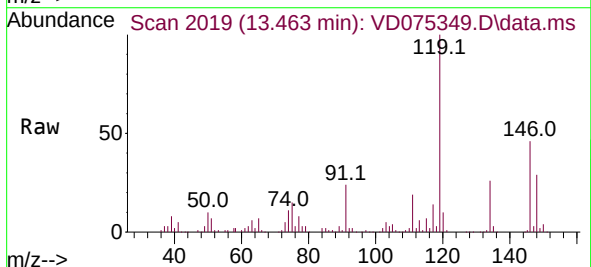
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

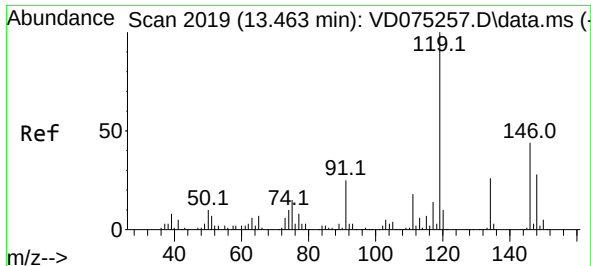
Tgt Ion:105 Resp: 183316
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 54.249 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075349.D
 Acq: 17 Feb 2023 09:38

Tgt Ion:119 Resp: 154127
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 24.2 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 53.058 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

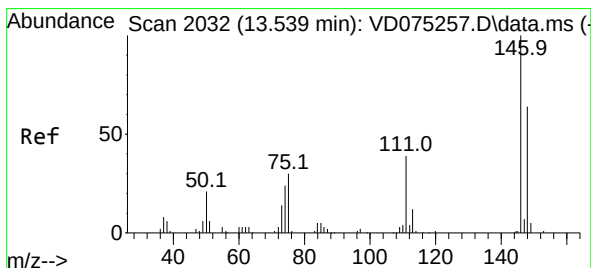
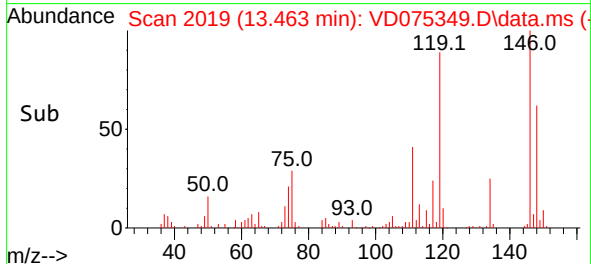
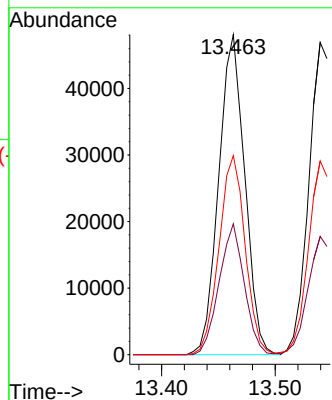
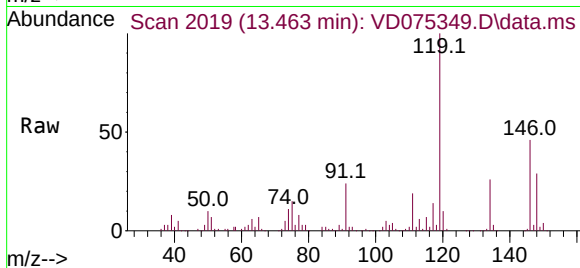
Tgt Ion:146 Resp: 76590

Ion Ratio Lower Upper

146 100

111 39.5 18.9 56.9

148 62.4 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 52.597 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

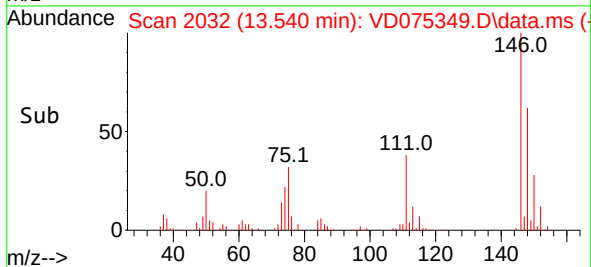
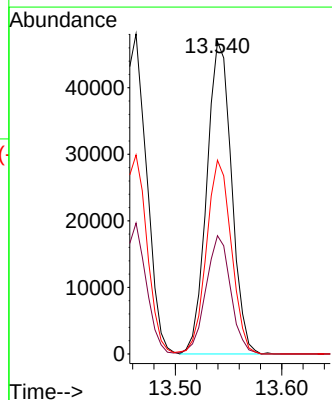
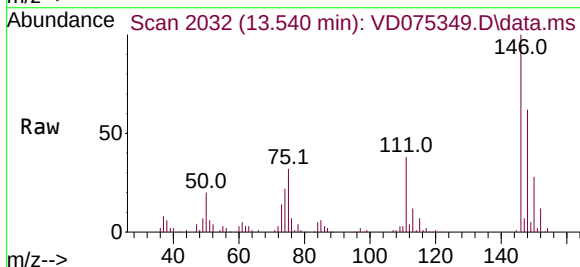
Tgt Ion:146 Resp: 75972

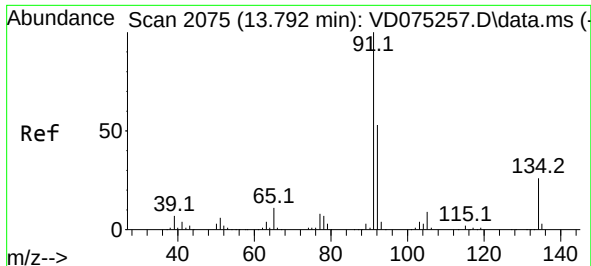
Ion Ratio Lower Upper

146 100

111 37.9 19.7 59.1

148 62.6 31.9 95.5

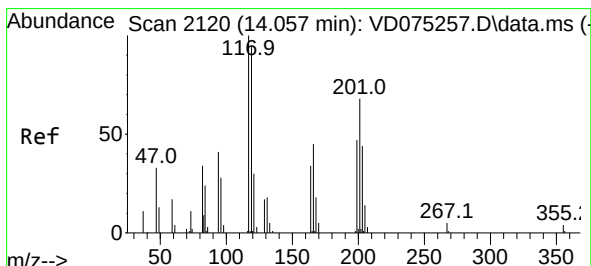
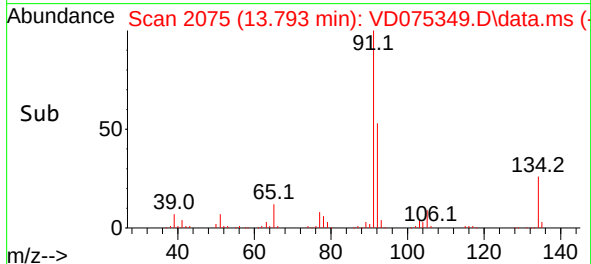
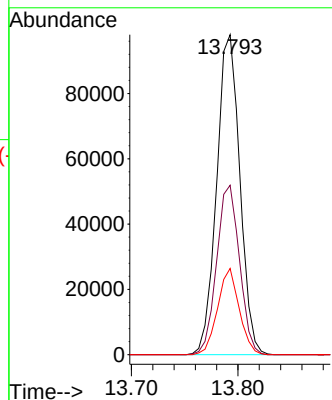
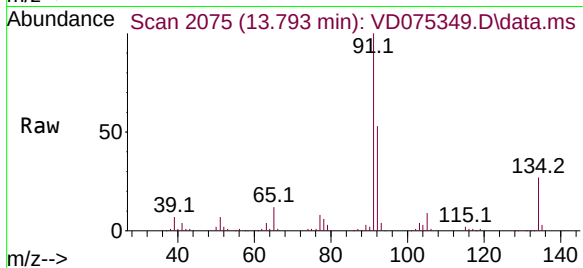




#89
n-Butylbenzene
Concen: 53.350 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.001 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

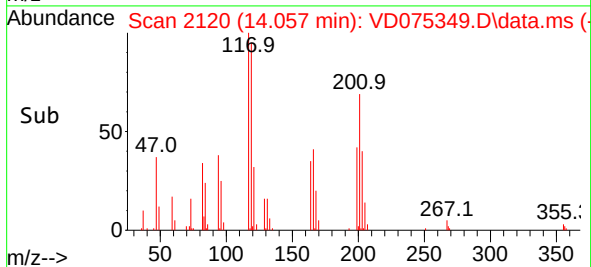
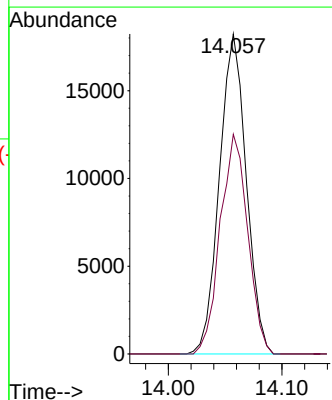
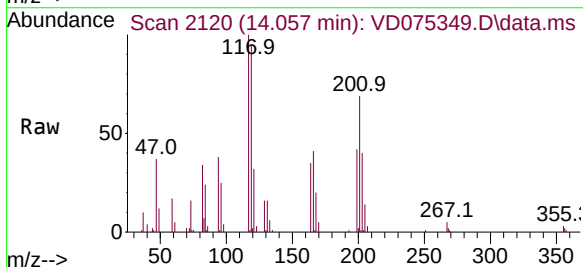
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

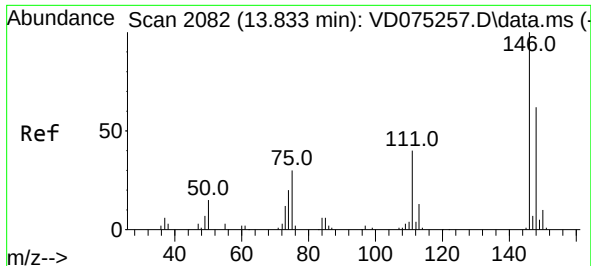
Tgt Ion: 91 Resp: 147978
Ion Ratio Lower Upper
91 100
92 52.2 26.8 80.3
134 25.1 13.3 39.8



#90
Hexachloroethane
Concen: 53.519 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion: 117 Resp: 29977
Ion Ratio Lower Upper
117 100
201 70.3 35.1 105.5





#91

1,2-Dichlorobenzene

Concen: 53.173 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.001 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

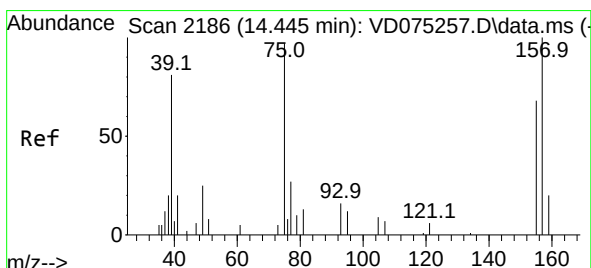
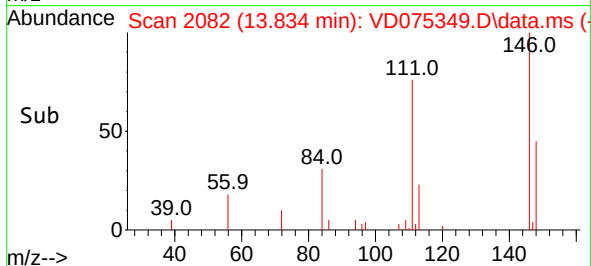
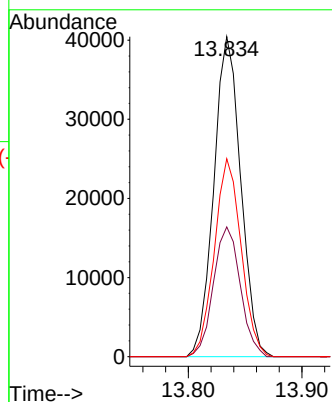
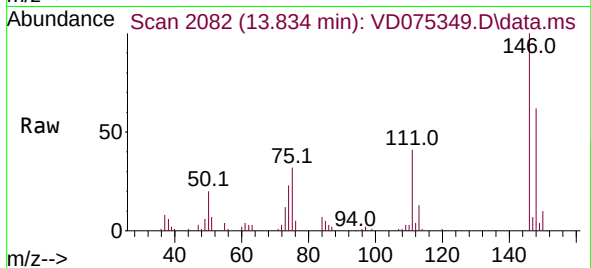
Tgt Ion:146 Resp: 66599

Ion Ratio Lower Upper

146 100

111 40.5 20.4 61.2

148 61.5 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.131 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075349.D

Acq: 17 Feb 2023 09:38

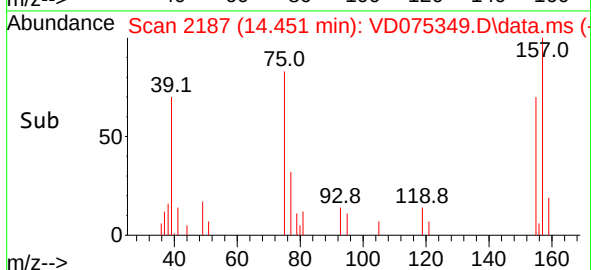
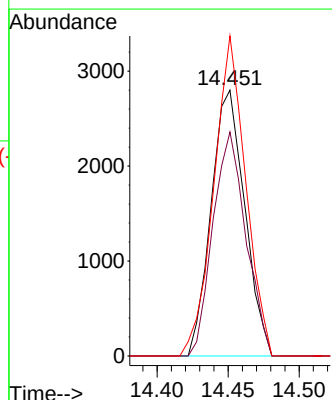
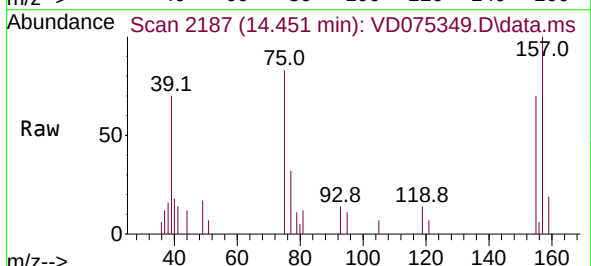
Tgt Ion: 75 Resp: 4607

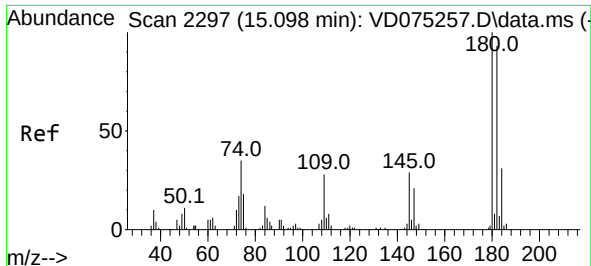
Ion Ratio Lower Upper

75 100

155 82.6 43.4 130.2

157 114.0 56.4 169.2

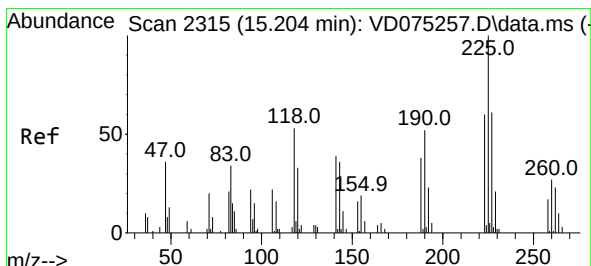
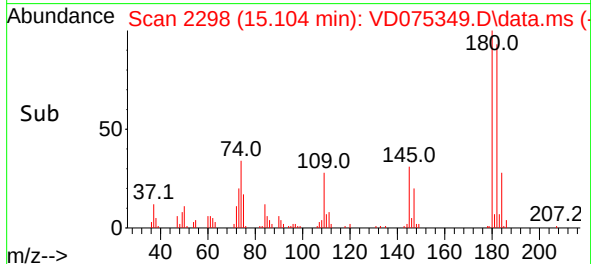
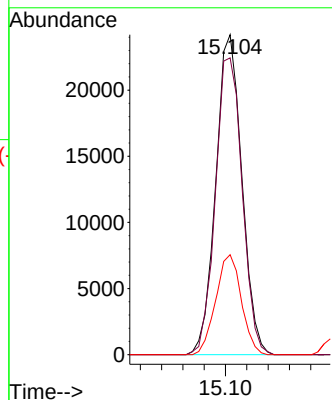
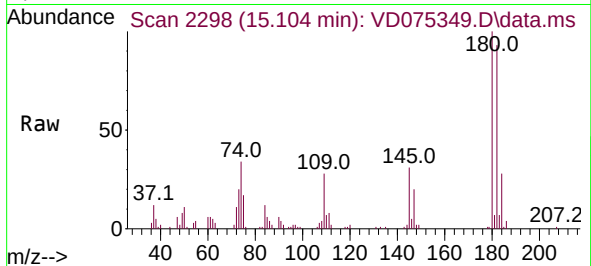




#93
1,2,4-Trichlorobenzene
Concen: 52.412 ug/l
RT: 15.104 min Scan# 2114
Delta R.T. 0.006 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

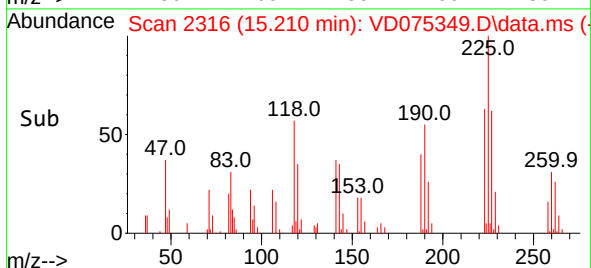
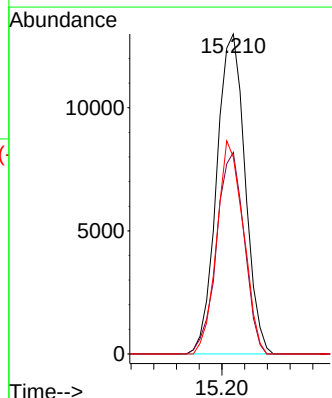
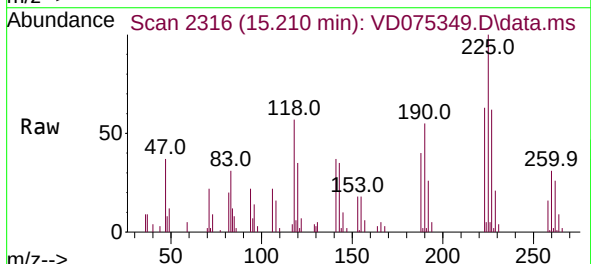
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

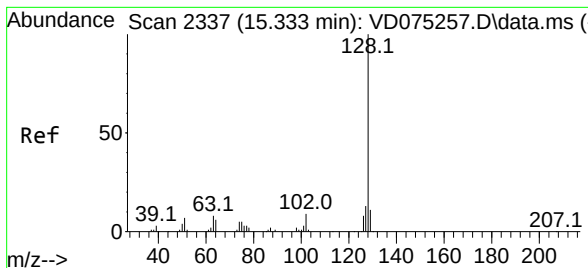
Tgt Ion:180 Resp: 41114
Ion Ratio Lower Upper
180 100
182 95.2 46.2 138.6
145 30.6 15.8 47.4



#94
Hexachlorobutadiene
Concen: 54.571 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion:225 Resp: 22585
Ion Ratio Lower Upper
225 100
223 61.2 31.8 95.4
227 62.4 30.7 92.1

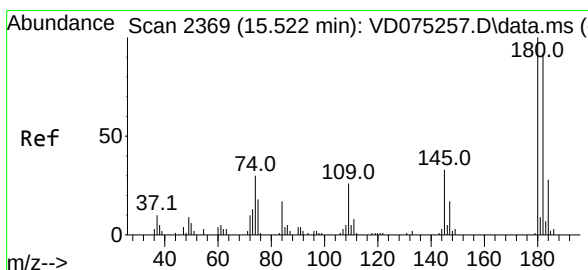
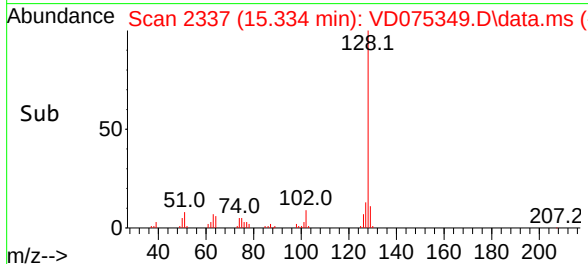
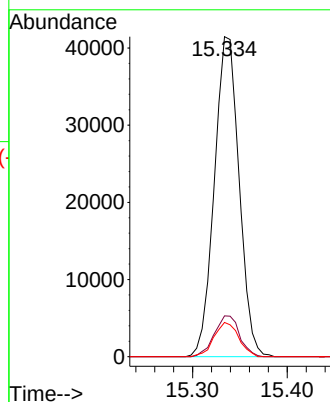
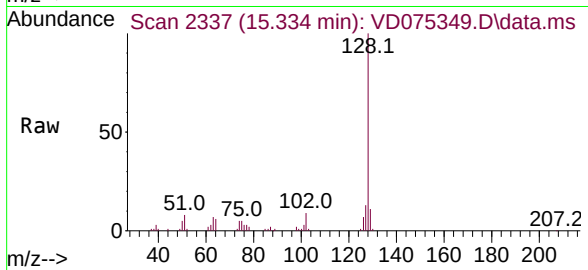




#95
Naphthalene
Concen: 51.607 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	75349
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.983 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075349.D
Acq: 17 Feb 2023 09:38

Tgt Ion:	180	Resp:	35183
Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.0	141.0
145	32.6	16.1	48.3

