

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031323\
 Data File : VD075510.D
 Acq On : 13 Mar 2023 16:26
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 14 06:00:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	116300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	187780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	172315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	90221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	56260	53.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.620%	
35) Dibromofluoromethane	7.811	113	72344	56.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.500%	
50) Toluene-d8	10.269	98	293661	57.800	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.600%	
62) 4-Bromofluorobenzene	12.575	95	82341	56.062	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	50511	43.553	ug/l	96
3) Chloromethane	2.152	50	85163	48.842	ug/l	100
4) Vinyl Chloride	2.287	62	128295	45.966	ug/l	98
5) Bromomethane	2.699	94	97346	44.520	ug/l	98
6) Chloroethane	2.840	64	86358	46.193	ug/l	96
7) Trichlorofluoromethane	3.181	101	104783	46.580	ug/l	95
8) Diethyl Ether	3.593	74	28902	48.129	ug/l	63
9) 1,1,2-Trichlorotrifluo...	3.970	101	68398	46.730	ug/l	95
10) Methyl Iodide	4.164	142	81120	46.455	ug/l	92
11) Tert butyl alcohol	5.052	59	12142	249.170	ug/l #	100
12) 1,1-Dichloroethene	3.946	96	66921	46.296	ug/l	85
13) Acrolein	3.799	56	20193	208.253	ug/l	100
14) Allyl chloride	4.564	41	57117	45.925	ug/l #	82
15) Acrylonitrile	5.258	53	50782	230.614	ug/l	98
16) Acetone	4.017	43	47029	263.718	ug/l #	82
17) Carbon Disulfide	4.275	76	198290	45.466	ug/l	99
18) Methyl Acetate	4.569	43	26145	46.798	ug/l #	69
19) Methyl tert-butyl Ether	5.317	73	120364	48.016	ug/l	95
20) Methylene Chloride	4.805	84	78369	52.458	ug/l #	72
21) trans-1,2-Dichloroethene	5.317	96	77169	46.961	ug/l #	76
22) Diisopropyl ether	6.216	45	130255	48.320	ug/l #	88
23) Vinyl Acetate	6.158	43	313696	239.787	ug/l #	84
24) 1,1-Dichloroethane	6.111	63	109549	46.918	ug/l	95
25) 2-Butanone	7.081	43	59132	240.306	ug/l #	68
26) 2,2-Dichloropropane	7.075	77	101218	47.131	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	82954	47.109	ug/l	81
28) Bromochloromethane	7.422	49	36950	49.087	ug/l #	40
29) Tetrahydrofuran	7.446	42	31968	238.700	ug/l #	50
30) Chloroform	7.593	83	122475	47.229	ug/l	97
31) Cyclohexane	7.875	56	86031	45.769	ug/l #	76
32) 1,1,1-Trichloroethane	7.799	97	107299	47.189	ug/l	94
36) 1,1-Dichloropropene	8.010	75	94835	49.757	ug/l	93
37) Ethyl Acetate	7.169	43	24558	49.452	ug/l #	78
38) Carbon Tetrachloride	7.993	117	90903	49.776	ug/l	95
39) Methylcyclohexane	9.275	83	118950	49.500	ug/l #	87
40) Benzene	8.252	78	280398	49.090	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031323\
 Data File : VD075510.D
 Acq On : 13 Mar 2023 16:26
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 14 06:00:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11232m	42.922	ug/l	
42) 1,2-Dichloroethane	8.328	62	61191	48.668	ug/l	90
43) Isopropyl Acetate	8.363	43	46303	50.389	ug/l #	78
44) Trichloroethene	9.028	130	81180	48.358	ug/l	91
45) 1,2-Dichloropropane	9.305	63	61797	50.327	ug/l	95
46) Dibromomethane	9.393	93	37884	50.058	ug/l	94
47) Bromodichloromethane	9.587	83	91946	50.173	ug/l	100
48) Methyl methacrylate	9.381	41	21683	50.229	ug/l #	59
49) 1,4-Dioxane	9.387	88	6992	1018.459	ug/l #	72
51) 4-Methyl-2-Pentanone	10.163	43	124756	261.057	ug/l #	77
52) Toluene	10.334	92	188644	50.966	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	83284	50.520	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	100086	49.436	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	53759	50.178	ug/l	93
56) Ethyl methacrylate	10.599	69	54032	52.969	ug/l #	67
57) 1,3-Dichloropropane	10.881	76	83190	50.456	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	136145	272.710	ug/l #	85
59) 2-Hexanone	10.922	43	92359	273.288	ug/l	70
60) Dibromochloromethane	11.081	129	66310	52.386	ug/l	98
61) 1,2-Dibromoethane	11.181	107	52196	51.731	ug/l	99
64) Tetrachloroethene	10.810	164	67665	49.758	ug/l	94
65) Chlorobenzene	11.610	112	200372	49.030	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	70455	50.324	ug/l	95
67) Ethyl Benzene	11.687	91	353632	50.246	ug/l	97
68) m/p-Xylenes	11.799	106	296177	104.703	ug/l	90
69) o-Xylene	12.122	106	132819	50.558	ug/l	95
70) Styrene	12.140	104	235065	53.792	ug/l	93
71) Bromoform	12.304	173	38710	54.148	ug/l #	98
73) Isopropylbenzene	12.428	105	350121	48.459	ug/l	98
74) N-amyl acetate	12.240	43	44025	49.190	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.675	83	59299	48.393	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	36745m	49.659	ug/l	
77) Bromobenzene	12.704	156	80751	47.012	ug/l	88
78) n-propylbenzene	12.769	91	422727	48.152	ug/l	97
79) 2-Chlorotoluene	12.851	91	225310	47.363	ug/l	92
80) 1,3,5-Trimethylbenzene	12.910	105	285720	48.225	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.475	75	17232	48.985	ug/l #	72
82) 4-Chlorotoluene	12.951	91	233530	47.573	ug/l	92
83) tert-Butylbenzene	13.169	119	259614	50.417	ug/l	92
84) 1,2,4-Trimethylbenzene	13.216	105	287428	50.197	ug/l	95
85) sec-Butylbenzene	13.351	105	387161	48.567	ug/l	98
86) p-Isopropyltoluene	13.463	119	322922	49.573	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	172388	48.552	ug/l	96
88) 1,4-Dichlorobenzene	13.545	146	166044	47.275	ug/l	98
89) n-Butylbenzene	13.793	91	297394	49.781	ug/l	98
90) Hexachloroethane	14.057	117	60790	48.329	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	145304	48.360	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7606	49.324	ug/l	68
93) 1,2,4-Trichlorobenzene	15.104	180	81029	46.244	ug/l	98
94) Hexachlorobutadiene	15.210	225	40160	48.055	ug/l	97
95) Naphthalene	15.334	128	152744	47.487	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	70675	46.745	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031323\
Data File : VD075510.D
Acq On : 13 Mar 2023 16:26
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 14 06:00:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 23:52:37 2023
Response via : Initial Calibration

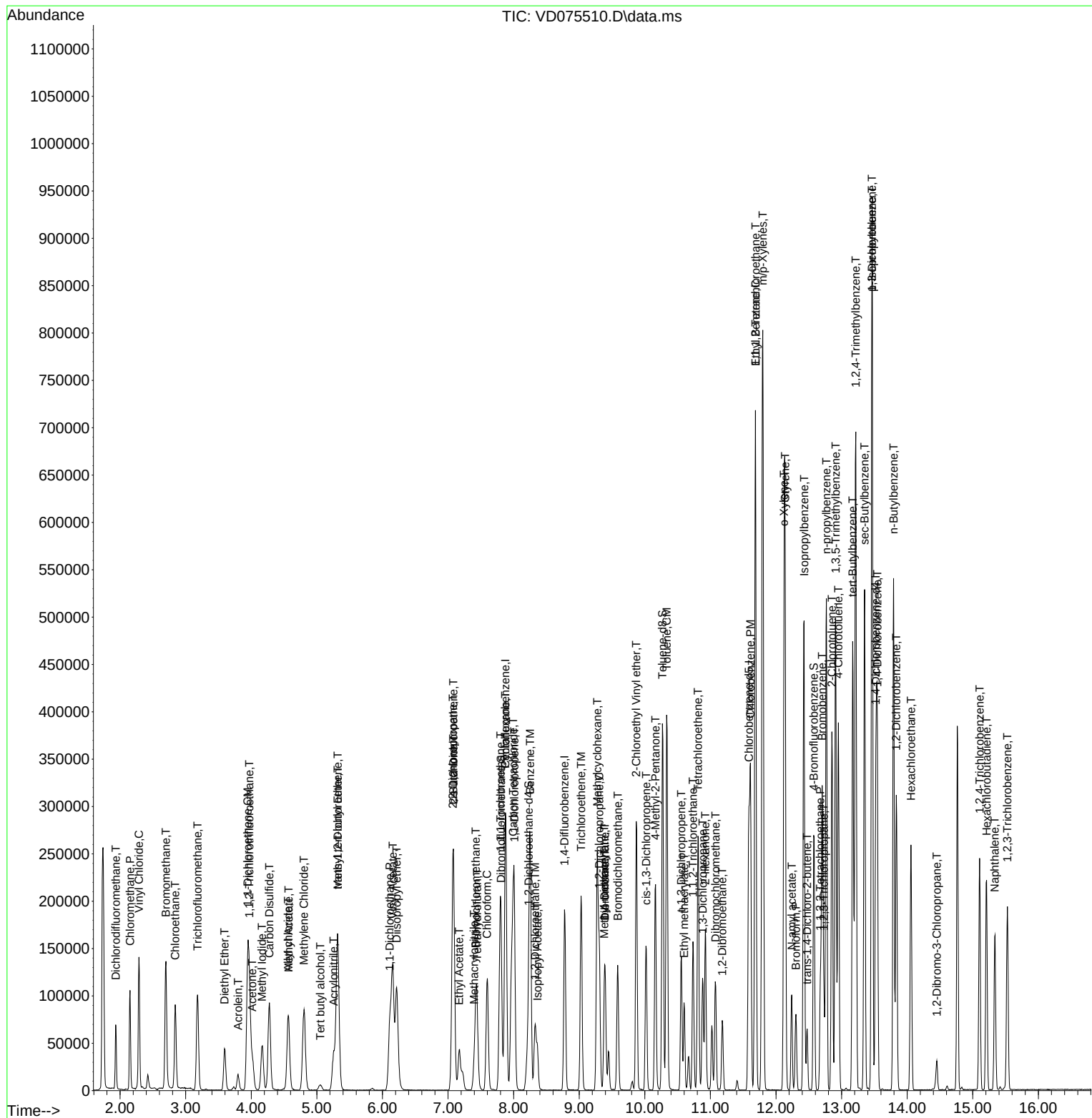
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

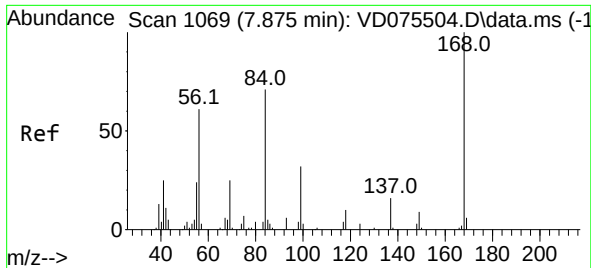
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031323\
Data File : VD075510.D
Acq On : 13 Mar 2023 16:26
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 14 06:00:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 23:52:37 2023
Response via : Initial Calibration

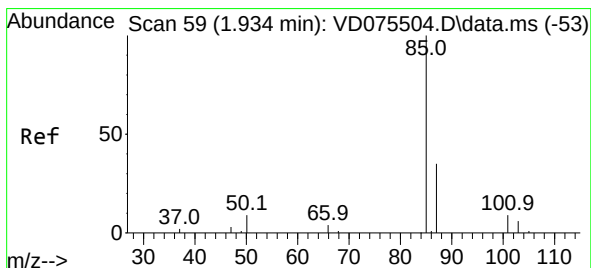
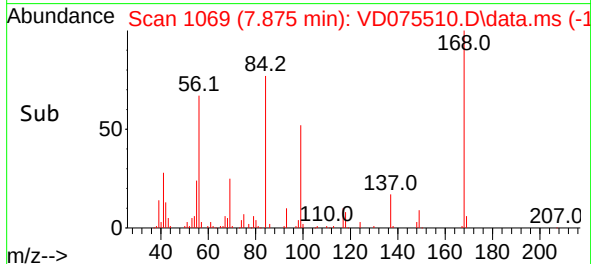
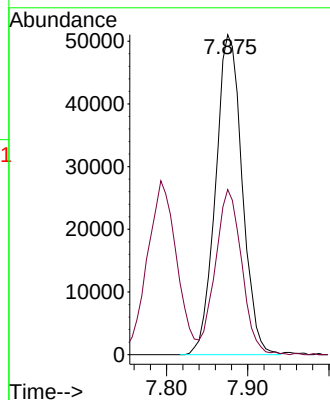
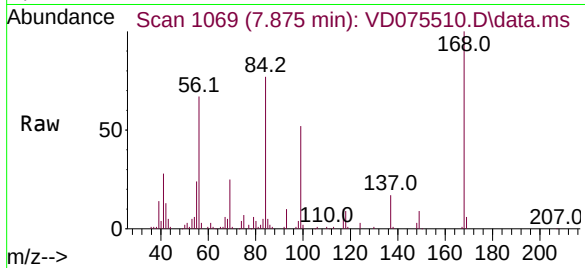




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

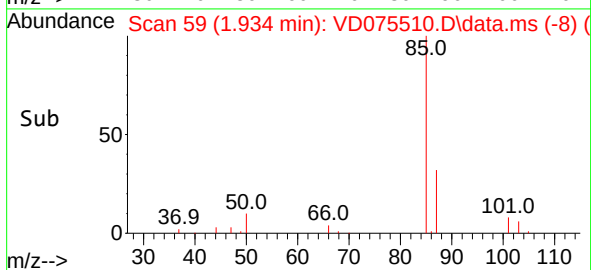
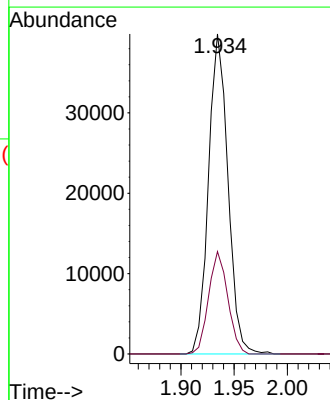
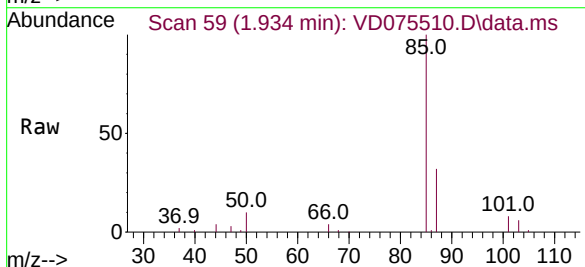
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

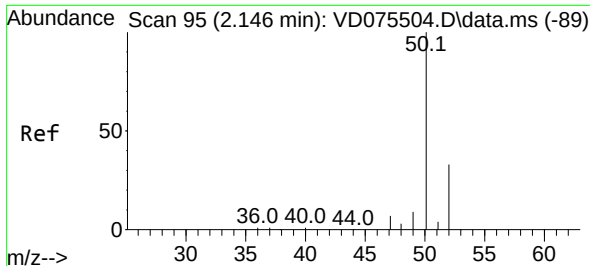
Tgt Ion:168 Resp: 116300
Ion Ratio Lower Upper
168 100
99 51.2 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 43.553 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 85 Resp: 50511
Ion Ratio Lower Upper
85 100
87 32.0 17.3 51.7

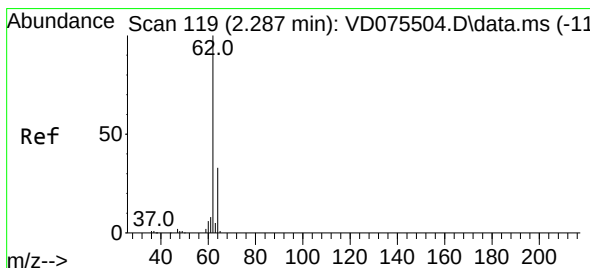
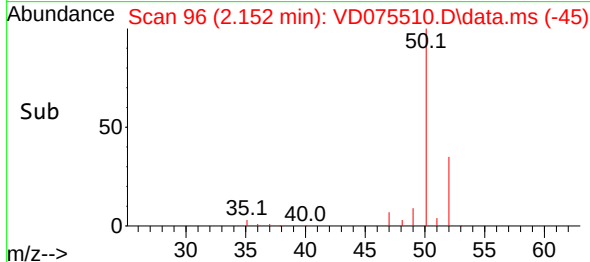
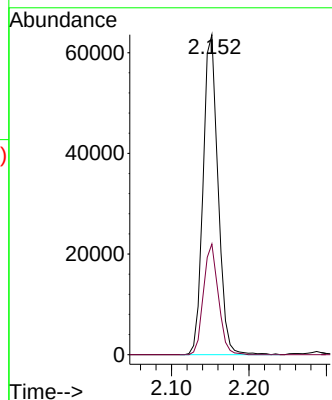
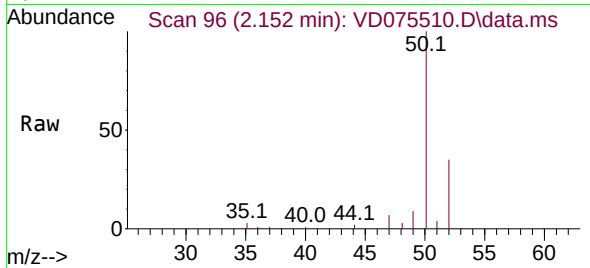




#3
Chloromethane
Concen: 48.842 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

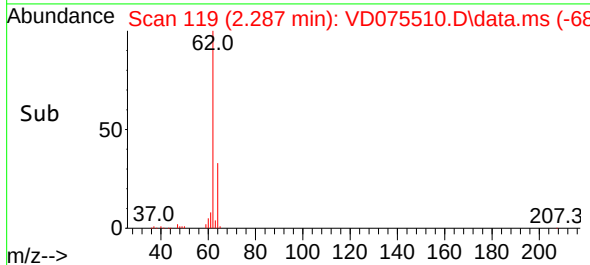
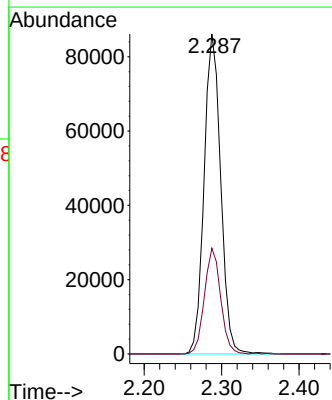
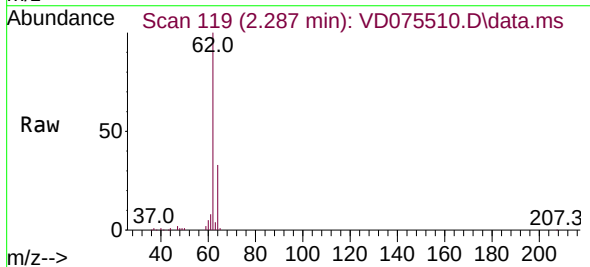
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

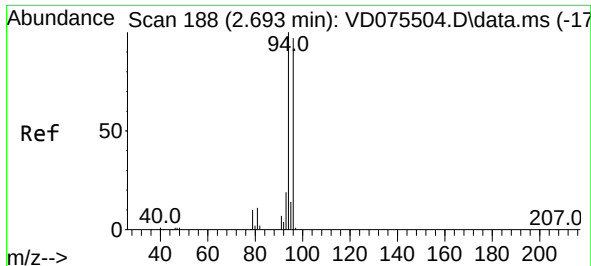
Tgt Ion: 50 Resp: 85163
Ion Ratio Lower Upper
50 100
52 34.6 27.8 41.8



#4
Vinyl Chloride
Concen: 45.966 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 62 Resp: 128295
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.0

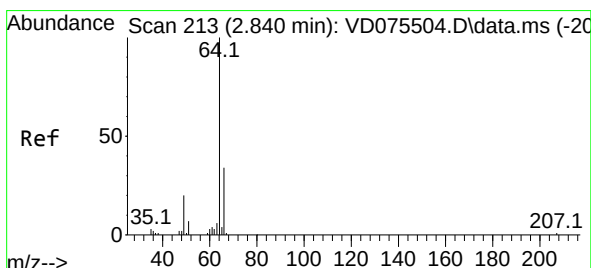
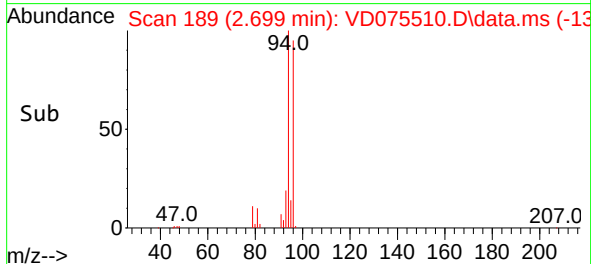
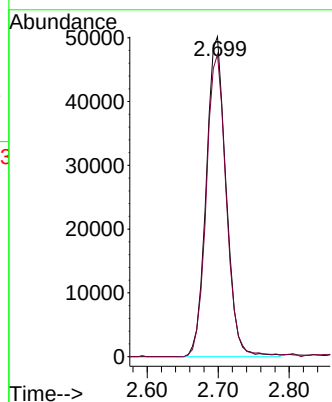
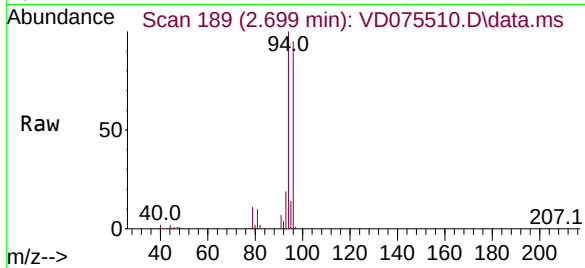




#5
Bromomethane
Concen: 44.520 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

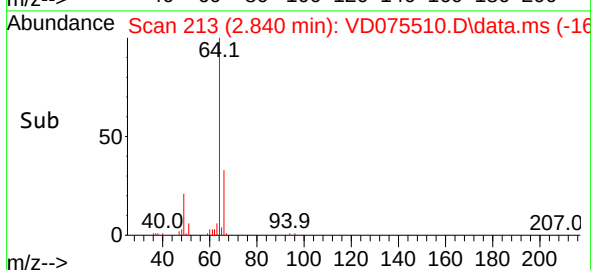
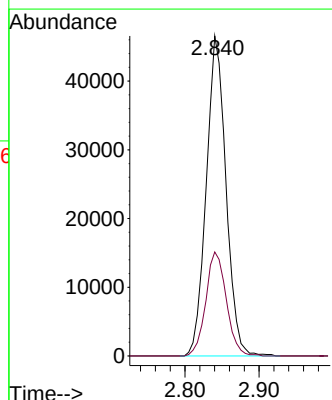
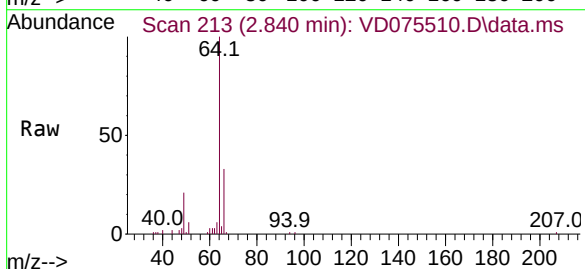
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

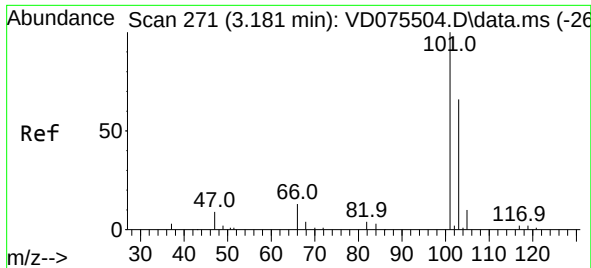
Tgt Ion: 94 Resp: 97346
Ion Ratio Lower Upper
94 100
96 95.4 77.5 116.3



#6
Chloroethane
Concen: 46.193 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 64 Resp: 86358
Ion Ratio Lower Upper
64 100
66 32.5 27.7 41.5

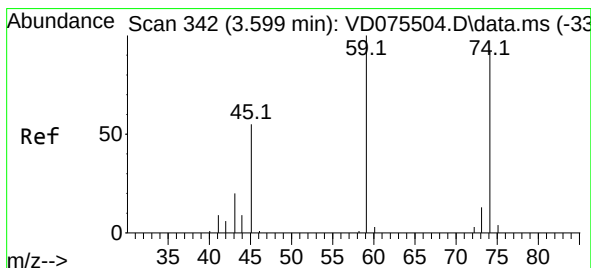
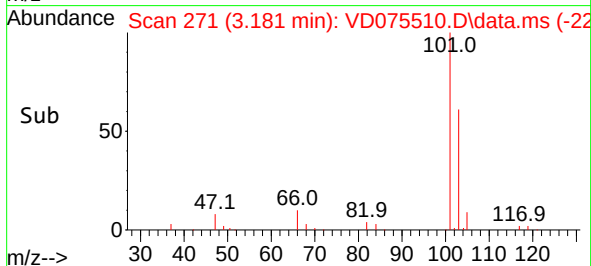
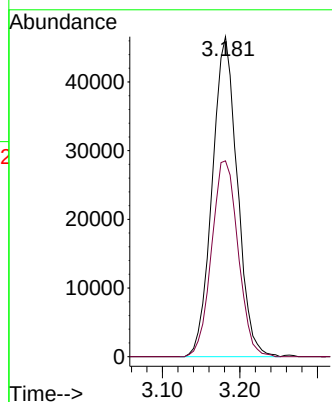
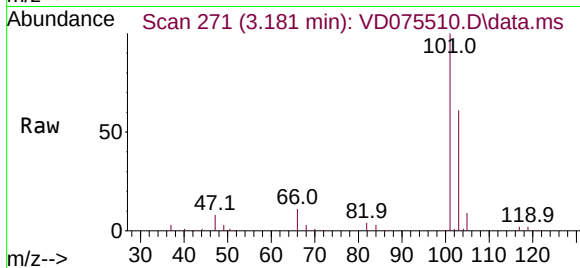




#7
Trichlorofluoromethane
Concen: 46.580 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

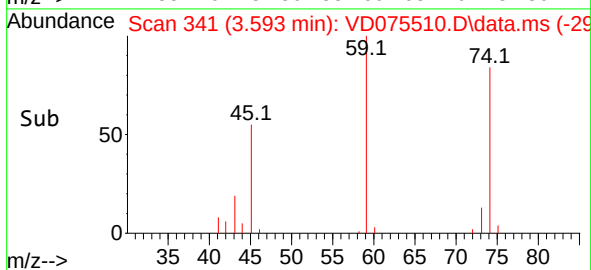
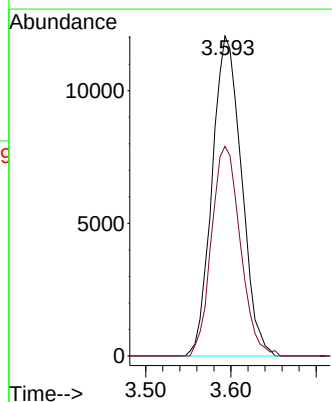
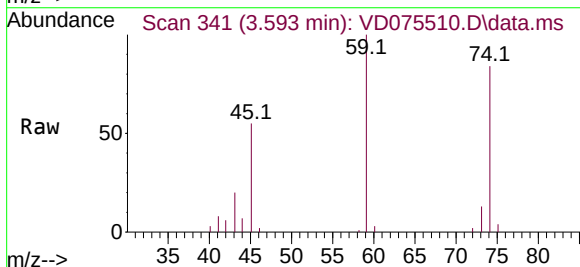
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

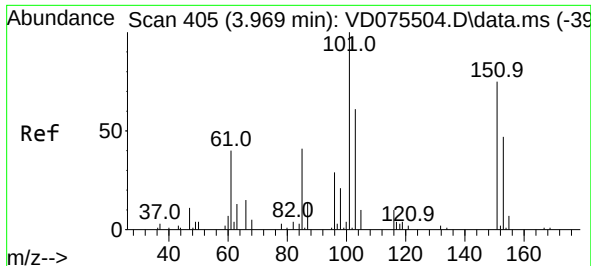
Tgt Ion:101 Resp: 104783
Ion Ratio Lower Upper
101 100
103 61.2 51.9 77.9



#8
Diethyl Ether
Concen: 48.129 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 74 Resp: 28902
Ion Ratio Lower Upper
74 100
45 64.4 50.9 152.7



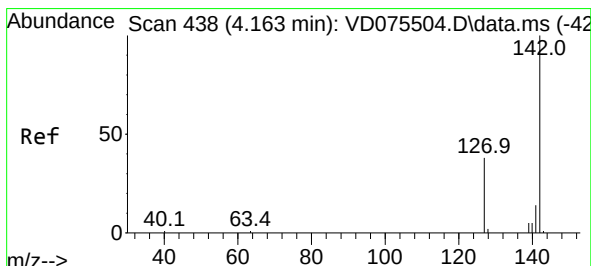
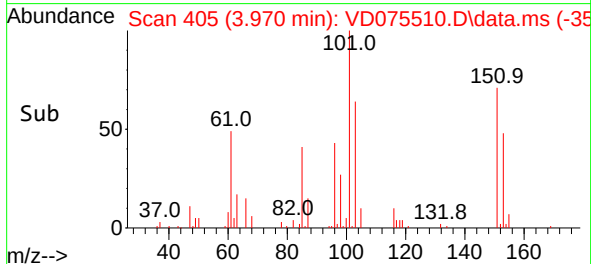
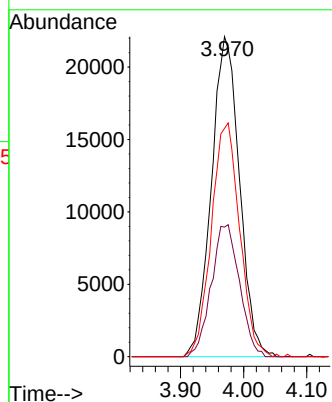
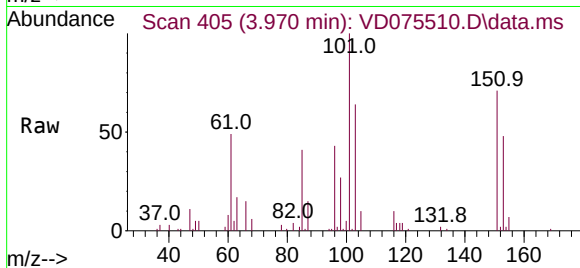


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.730 ug/l
 RT: 3.970 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075510.D
 Acq: 13 Mar 2023 16:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 68398

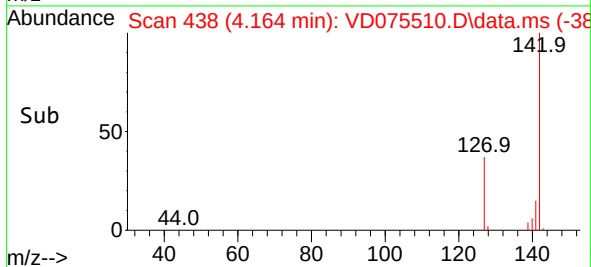
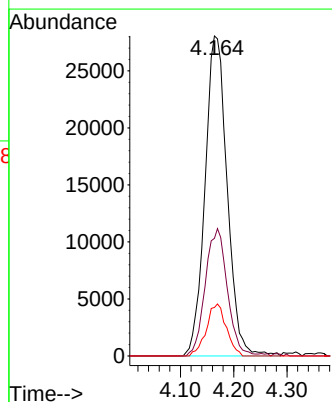
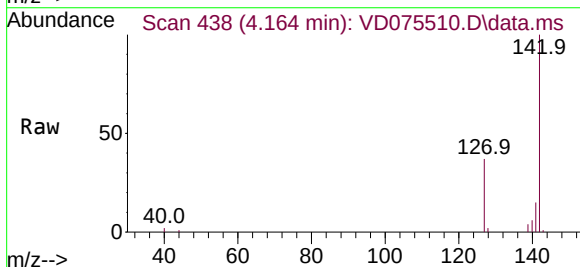
Ion	Ratio	Lower	Upper
101	100		
85	41.4	38.3	57.5
151	73.4	60.4	90.6

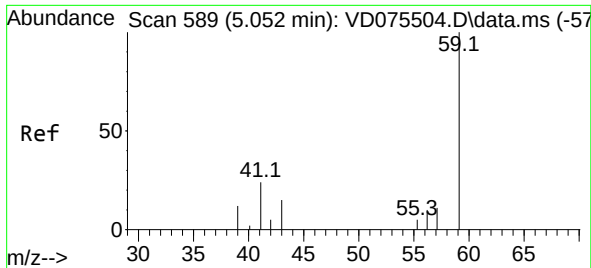


#10
 Methyl Iodide
 Concen: 46.455 ug/l
 RT: 4.164 min Scan# 438
 Delta R.T. 0.000 min
 Lab File: VD075510.D
 Acq: 13 Mar 2023 16:26

Tgt Ion:142 Resp: 81120

Ion	Ratio	Lower	Upper
142	100		
127	39.5	37.1	55.7
141	14.6	11.3	16.9

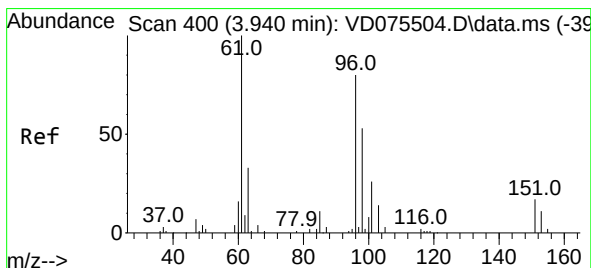
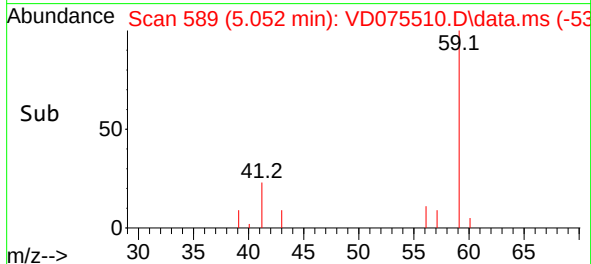
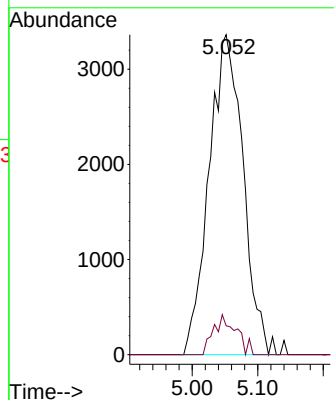
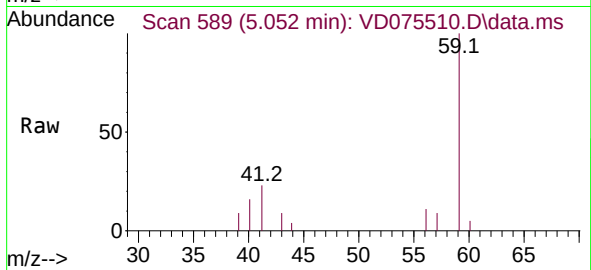




#11
Tert butyl alcohol
Concen: 249.170 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

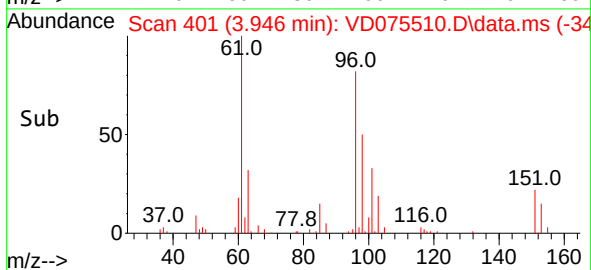
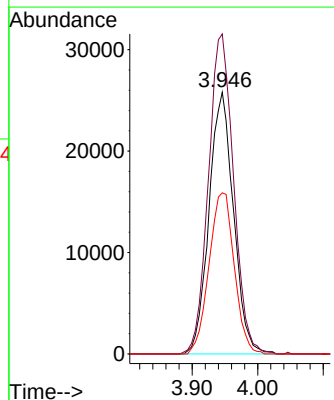
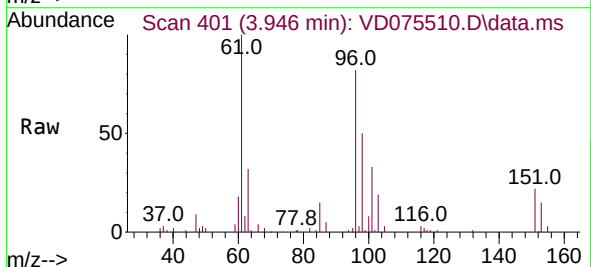
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

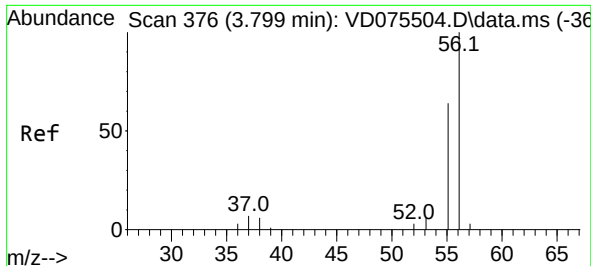
Tgt Ion: 59 Resp: 12142
Ion Ratio Lower Upper
59 100
57 8.3 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 46.296 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 96 Resp: 66921
Ion Ratio Lower Upper
96 100
61 122.2 118.6 177.8
98 61.5 49.7 74.5





#13

Acrolein

Concen: 208.253 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

Instrument :

MSVOA_D

ClientSampleId :

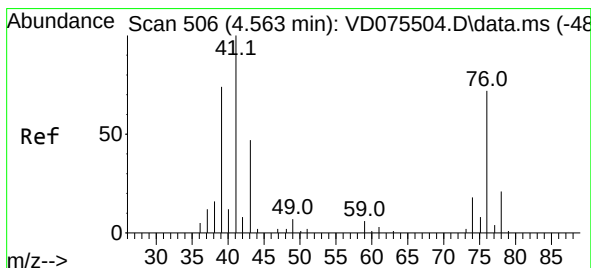
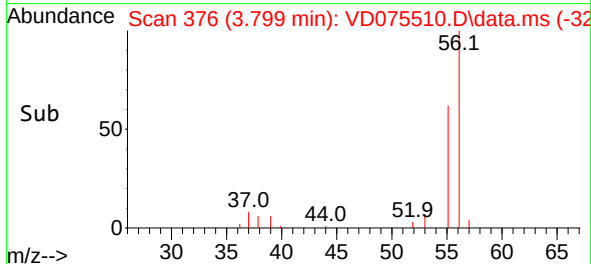
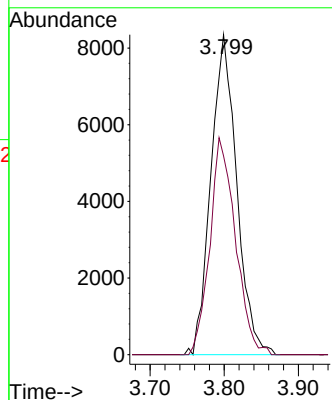
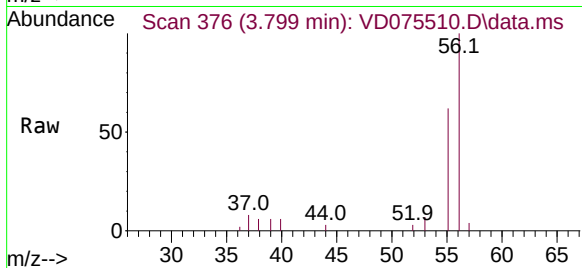
VSTDCCC050EC

Tgt Ion: 56 Resp: 20193

Ion Ratio Lower Upper

56 100

55 67.4 53.9 80.9



#14

Allyl chloride

Concen: 45.925 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

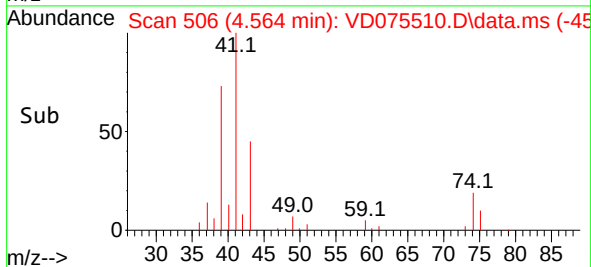
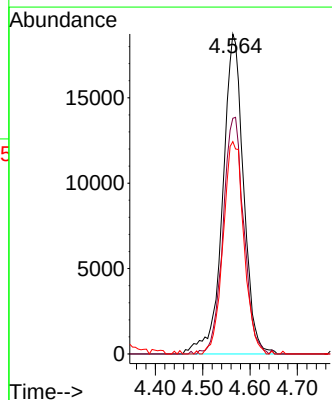
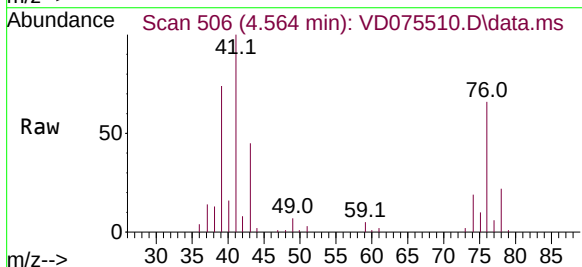
Tgt Ion: 41 Resp: 57117

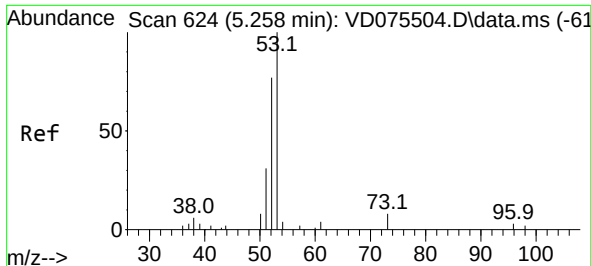
Ion Ratio Lower Upper

41 100

39 73.6 60.6 90.8

76 66.1 28.6 43.0#

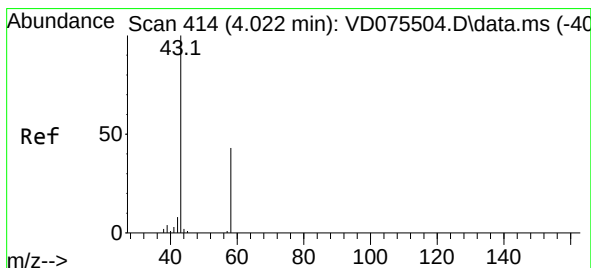
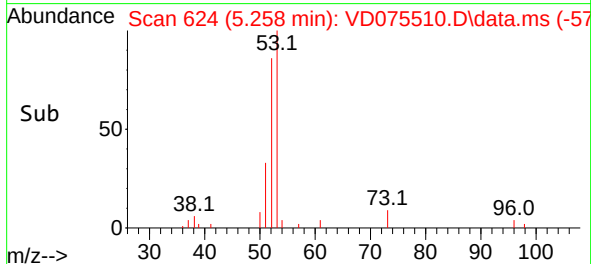
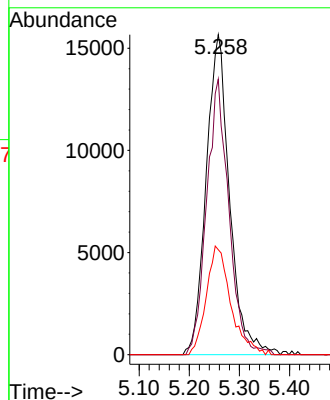
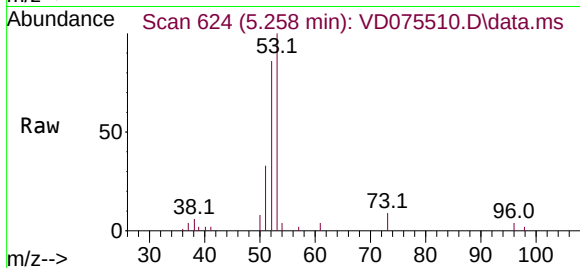




#15
Acrylonitrile
Concen: 230.614 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

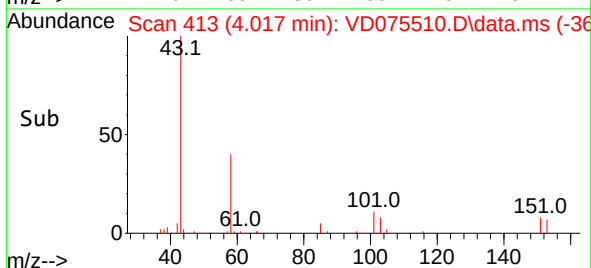
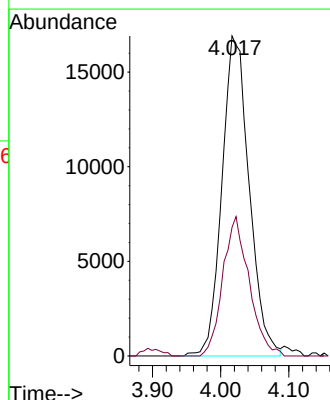
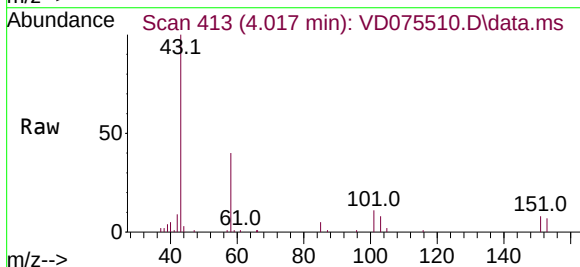
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

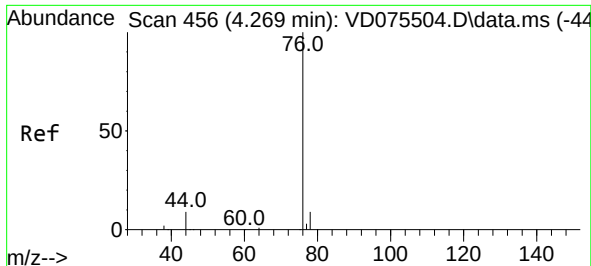
Tgt Ion: 53 Resp: 50782
Ion Ratio Lower Upper
53 100
52 81.9 66.2 99.4
51 35.6 30.7 46.1



#16
Acetone
Concen: 263.718 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 43 Resp: 47029
Ion Ratio Lower Upper
43 100
58 40.2 24.4 36.6#

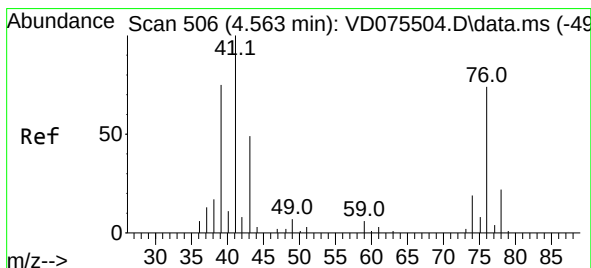
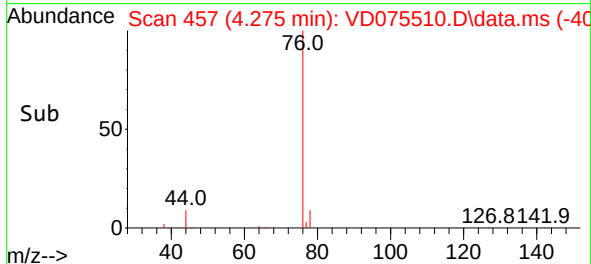
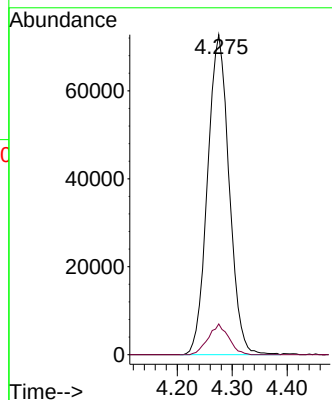
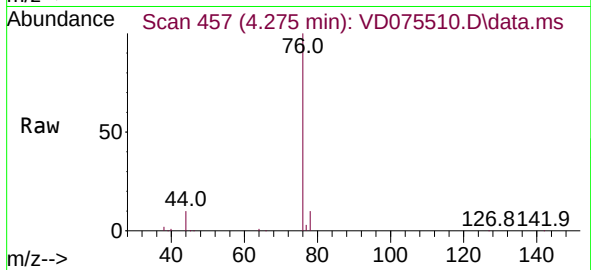




#17
Carbon Disulfide
Concen: 45.466 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

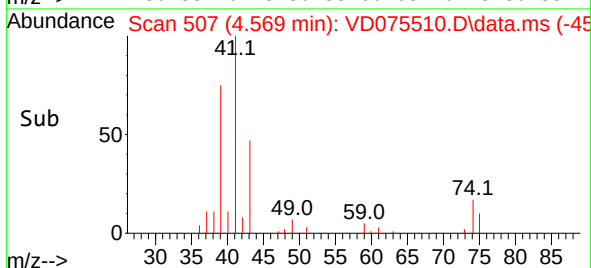
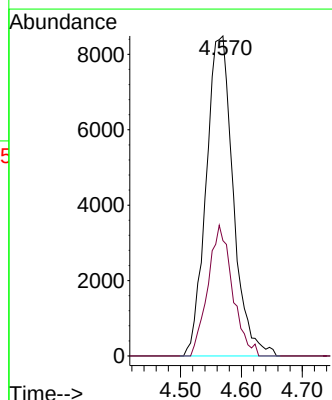
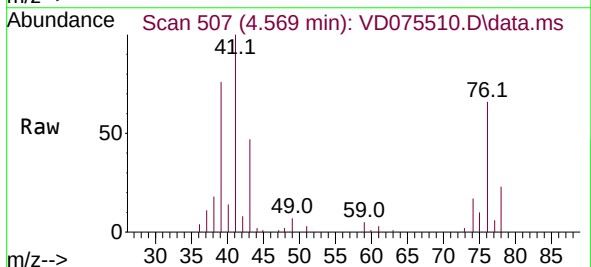
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

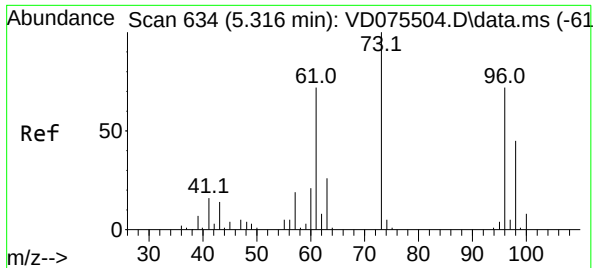
Tgt Ion: 76 Resp: 198290
Ion Ratio Lower Upper
76 100
78 9.6 8.0 12.0



#18
Methyl Acetate
Concen: 46.798 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 43 Resp: 26145
Ion Ratio Lower Upper
43 100
74 37.1 17.8 26.6#

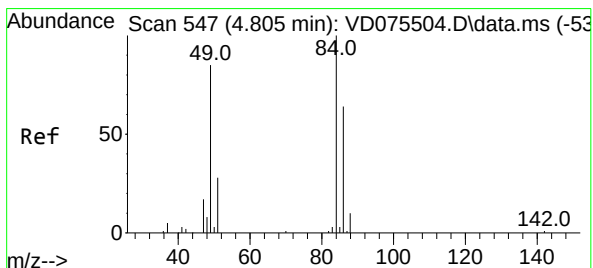
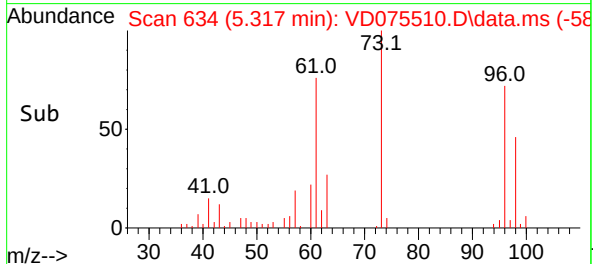
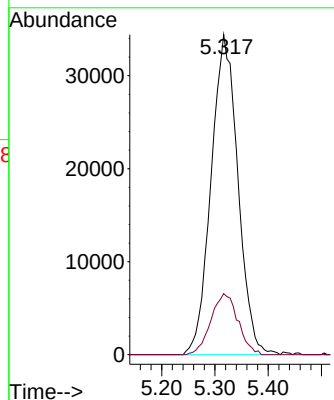
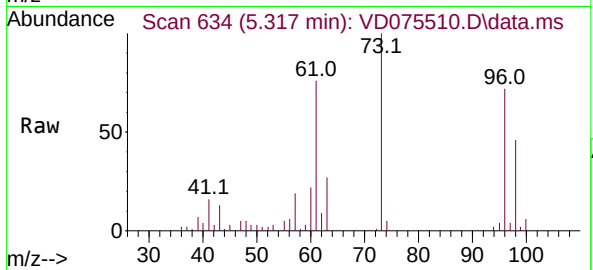




#19
Methyl tert-butyl Ether
Concen: 48.016 ug/l
RT: 5.317 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

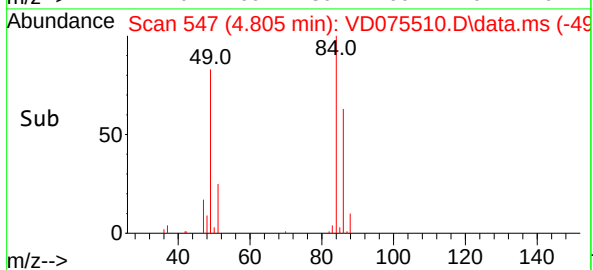
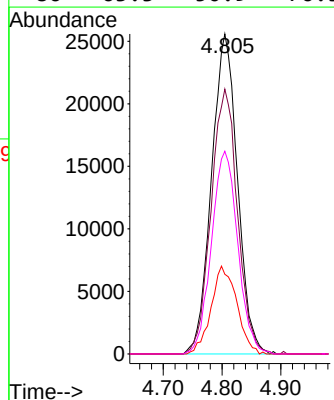
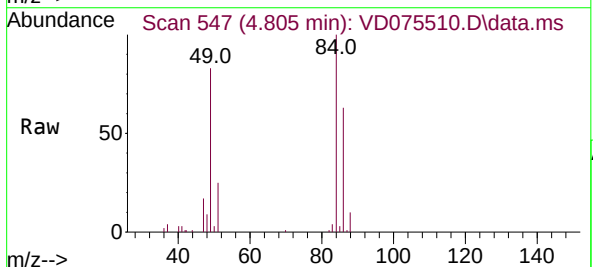
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

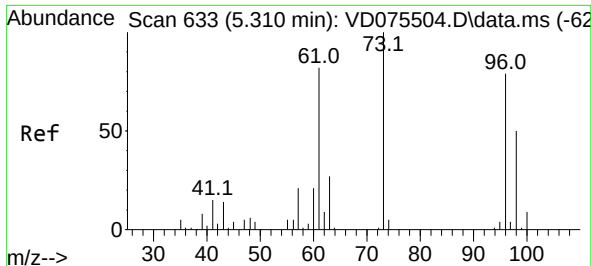
Tgt Ion: 73 Resp: 120364
Ion Ratio Lower Upper
73 100
57 19.1 17.2 25.8



#20
Methylene Chloride
Concen: 52.458 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 84 Resp: 78369
Ion Ratio Lower Upper
84 100
49 82.7 106.4 159.6#
51 24.9 32.4 48.6#
86 63.3 50.9 76.3

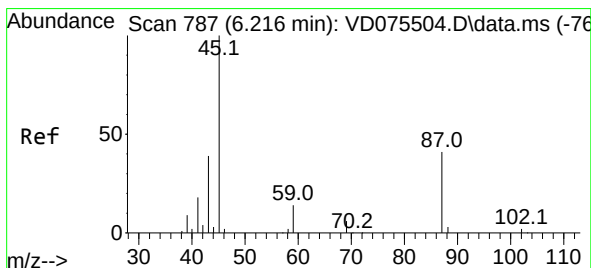
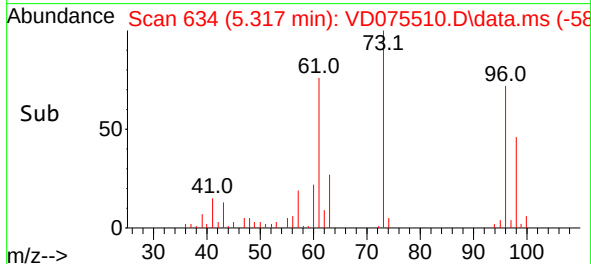
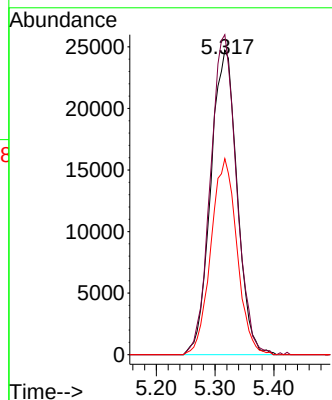
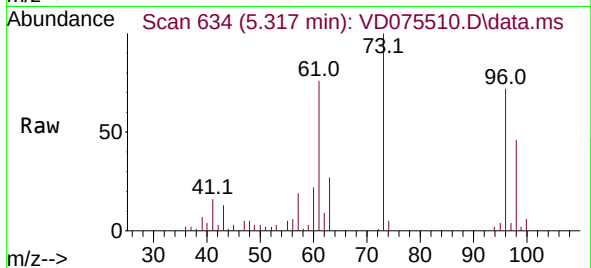




#21
trans-1,2-Dichloroethene
Concen: 46.961 ug/l
RT: 5.317 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

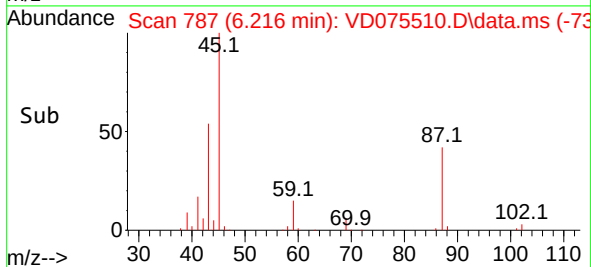
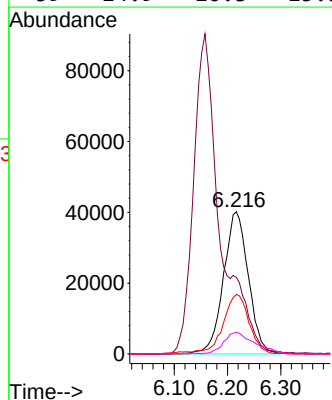
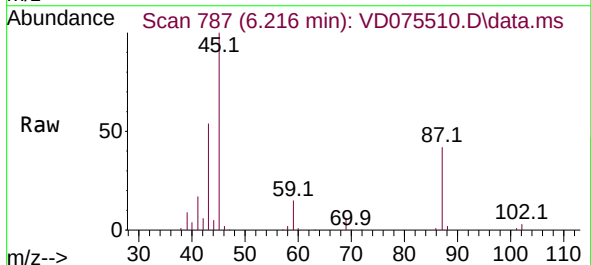
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

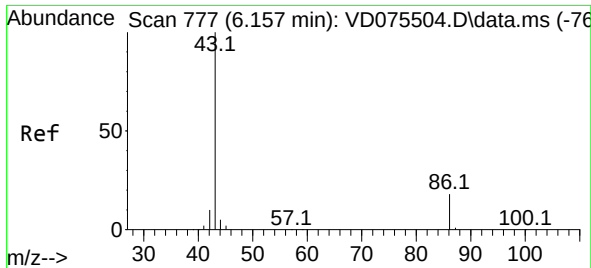
Tgt Ion: 96 Resp: 77169
Ion Ratio Lower Upper
96 100
61 105.0 117.2 175.8#
98 64.4 50.6 76.0



#22
Diisopropyl ether
Concen: 48.320 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 45 Resp: 130255
Ion Ratio Lower Upper
45 100
43 52.2 44.4 66.6
87 41.4 20.9 31.3#
59 14.9 10.3 15.5

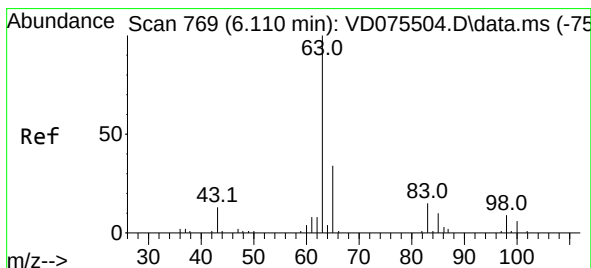
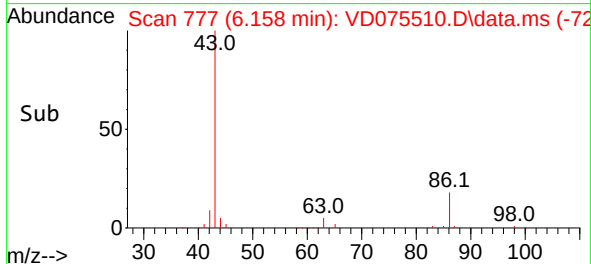
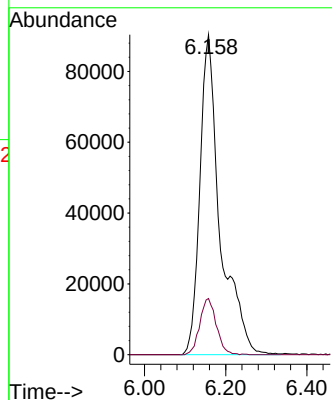
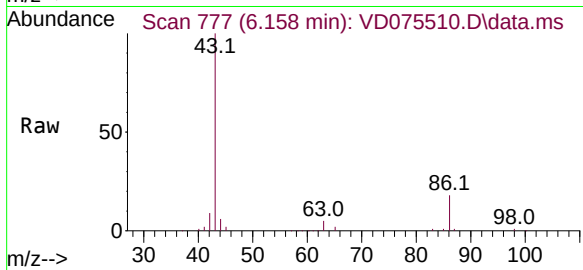




#23
 Vinyl Acetate
 Concen: 239.787 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD075510.D
 Acq: 13 Mar 2023 16:26

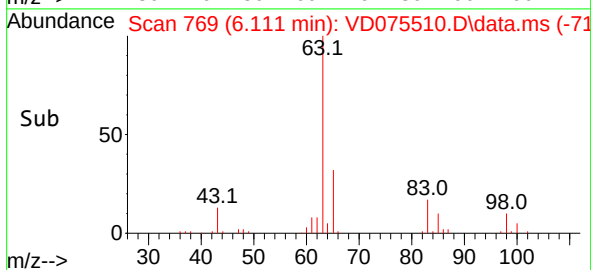
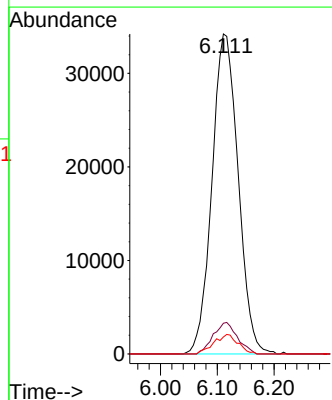
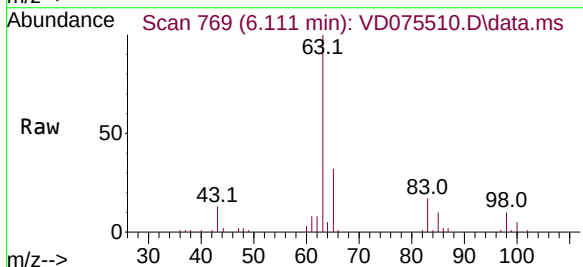
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

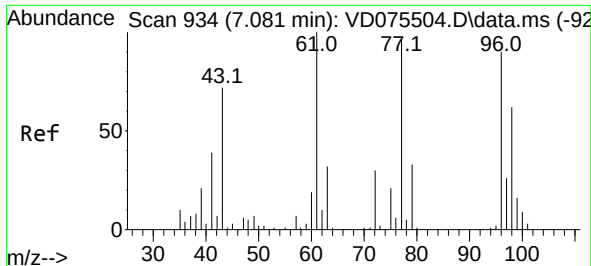
Tgt Ion: 43 Resp: 313696
 Ion Ratio Lower Upper
 43 100
 86 17.6 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 46.918 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD075510.D
 Acq: 13 Mar 2023 16:26

Tgt Ion: 63 Resp: 109549
 Ion Ratio Lower Upper
 63 100
 98 9.6 3.9 11.7
 100 5.3 2.0 6.0

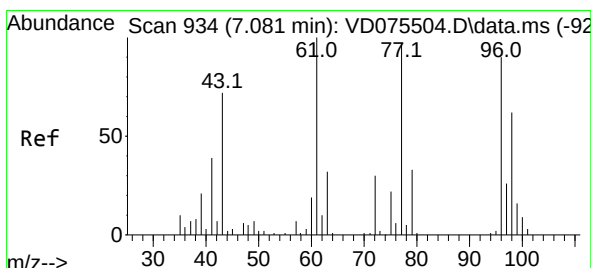
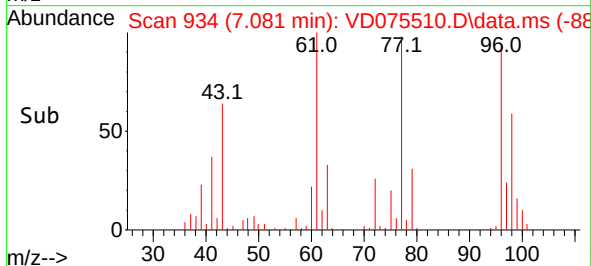
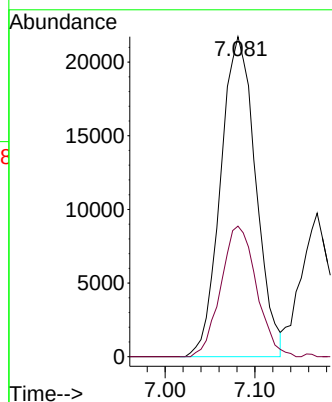
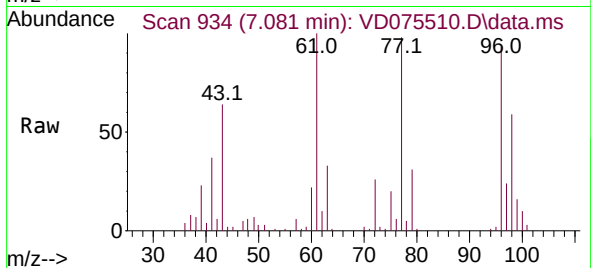




#25
2-Butanone
Concen: 240.306 ug/l
RT: 7.081 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

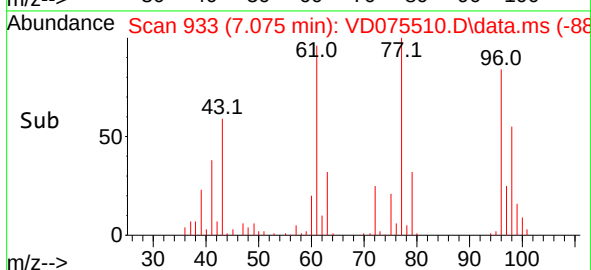
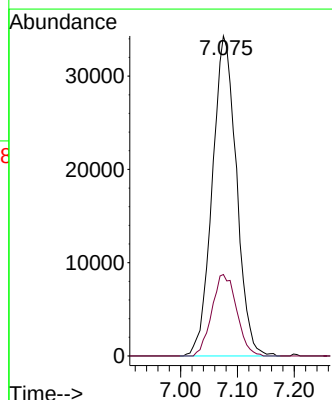
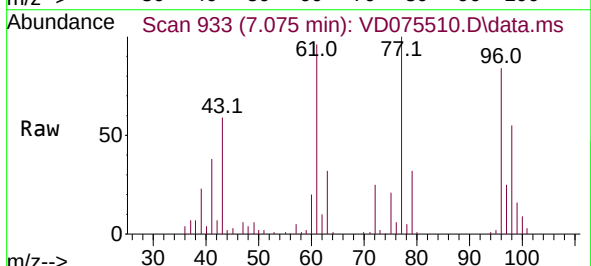
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

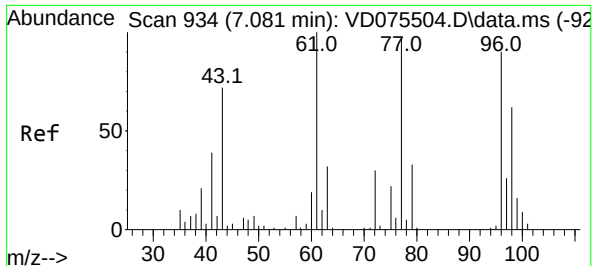
Tgt Ion: 43 Resp: 59132
Ion Ratio Lower Upper
43 100
72 40.8 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 47.131 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 77 Resp: 101218
Ion Ratio Lower Upper
77 100
97 26.1 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 47.109 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

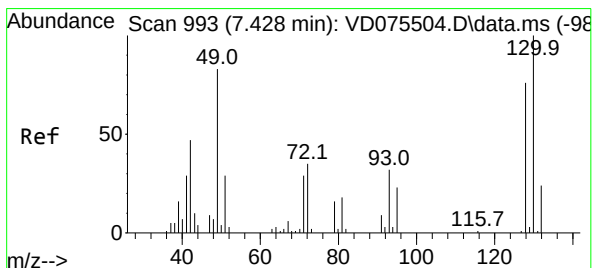
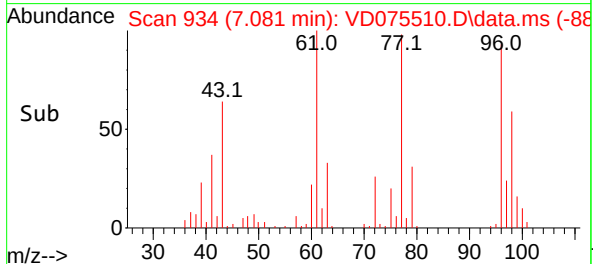
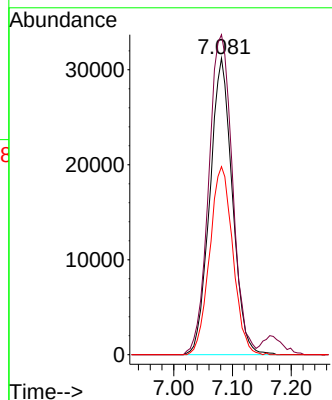
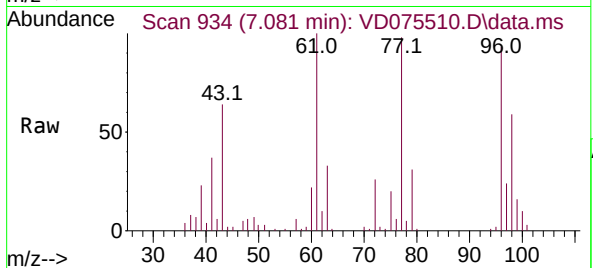
Tgt Ion: 96 Resp: 82954

Ion Ratio Lower Upper

96 100

61 114.0 0.0 295.2

98 65.2 0.0 129.2



#28

Bromochloromethane

Concen: 49.087 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

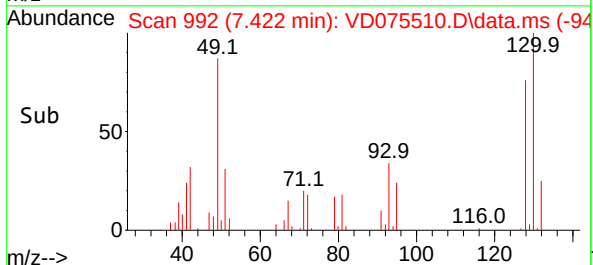
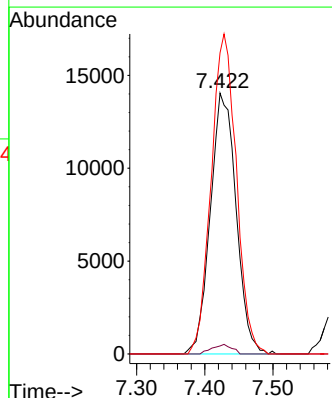
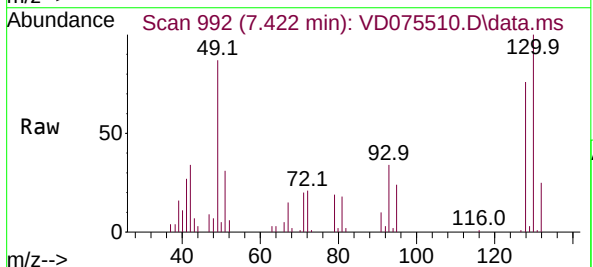
Tgt Ion: 49 Resp: 36950

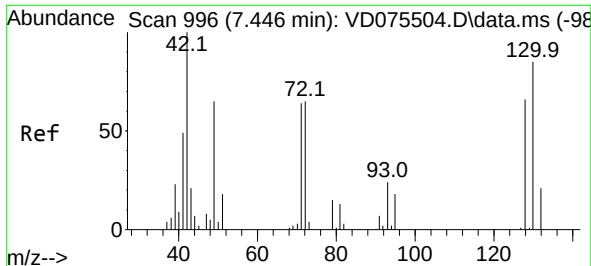
Ion Ratio Lower Upper

49 100

129 2.8 0.0 2.2#

130 120.1 56.0 84.0#





#29

Tetrahydrofuran

Concen: 238.700 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

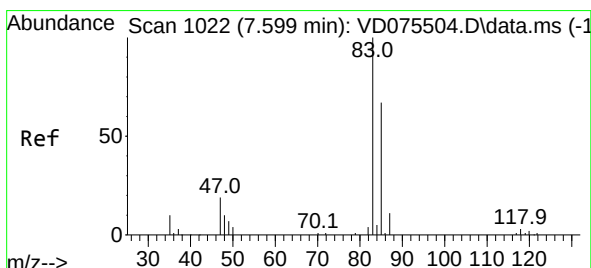
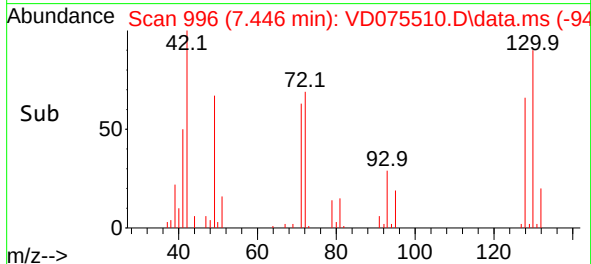
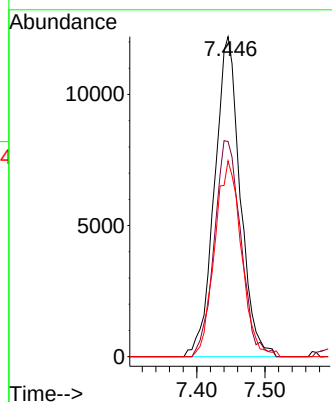
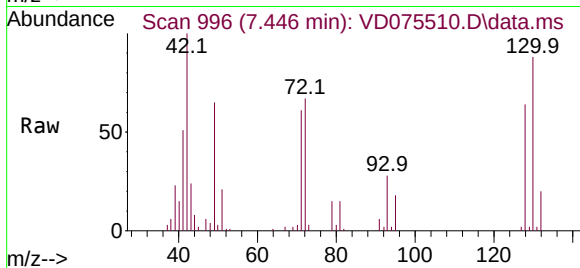
Tgt Ion: 42 Resp: 31968

Ion Ratio Lower Upper

42 100

72 69.8 31.8 47.6#

71 63.6 27.6 41.4#



#30

Chloroform

Concen: 47.229 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD075510.D

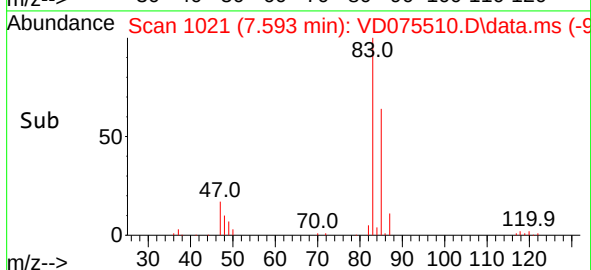
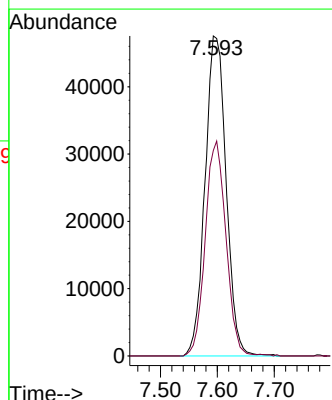
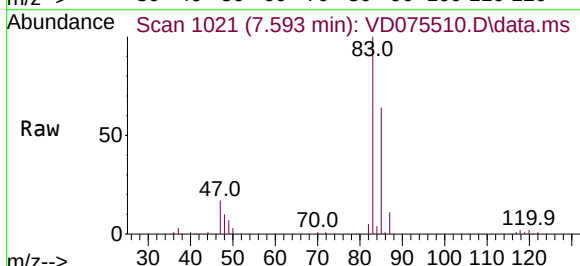
Acq: 13 Mar 2023 16:26

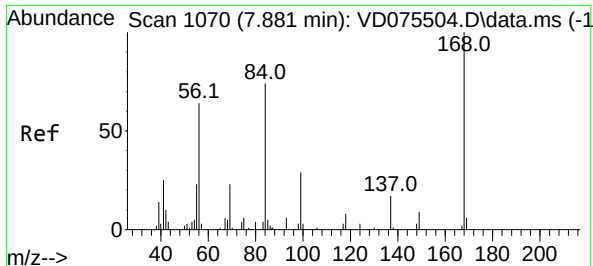
Tgt Ion: 83 Resp: 122475

Ion Ratio Lower Upper

83 100

85 64.2 49.4 74.2

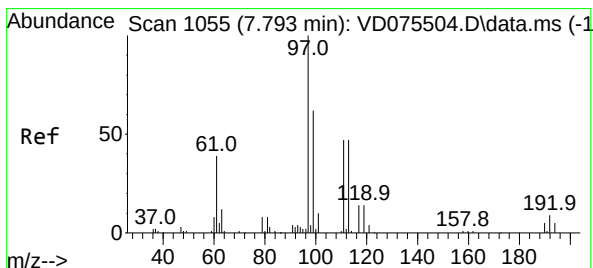
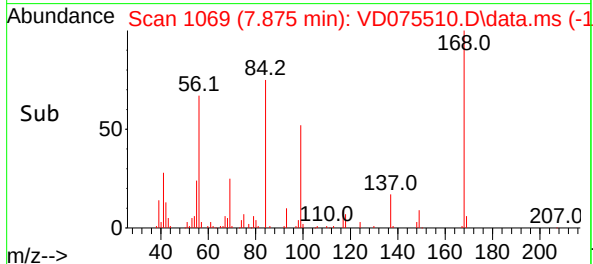
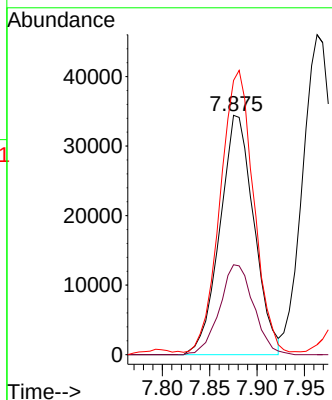
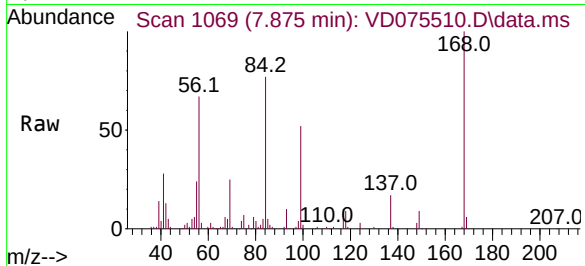




#31
Cyclohexane
Concen: 45.769 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

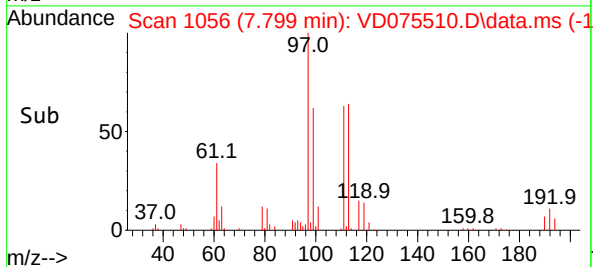
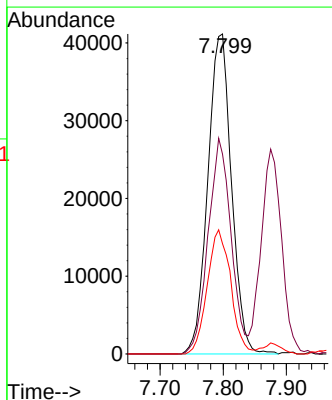
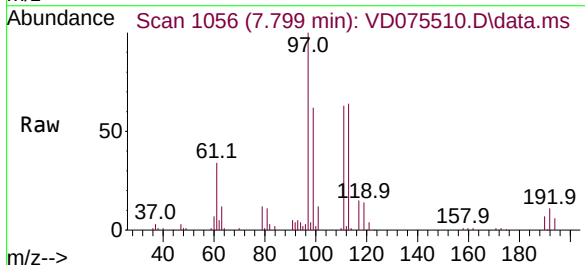
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

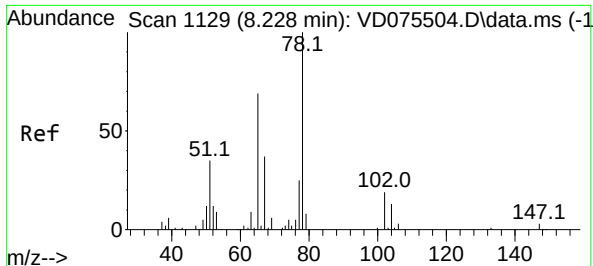
Tgt Ion: 56 Resp: 86031
Ion Ratio Lower Upper
56 100
69 37.6 25.5 38.3
84 113.2 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 47.189 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 97 Resp: 107299
Ion Ratio Lower Upper
97 100
99 65.5 50.5 75.7
61 38.5 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 53.313 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

Instrument :

MSVOA_D

ClientSampleId :

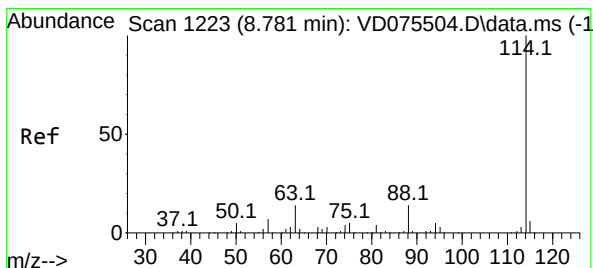
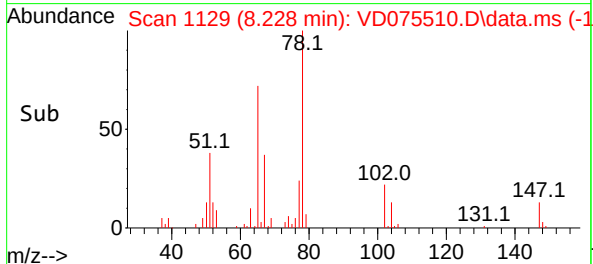
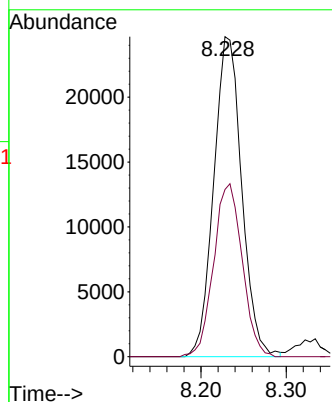
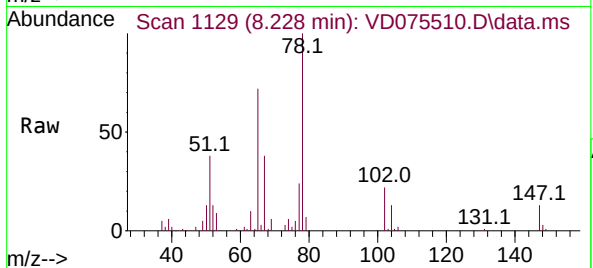
VSTDCCC050EC

Tgt Ion: 65 Resp: 56260

Ion Ratio Lower Upper

65 100

67 55.3 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

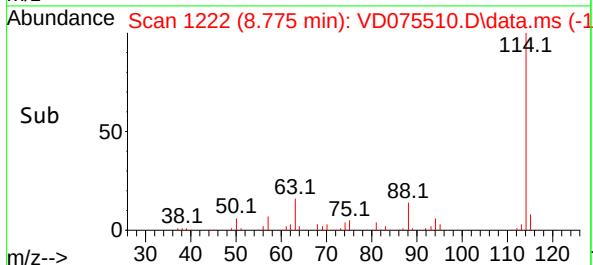
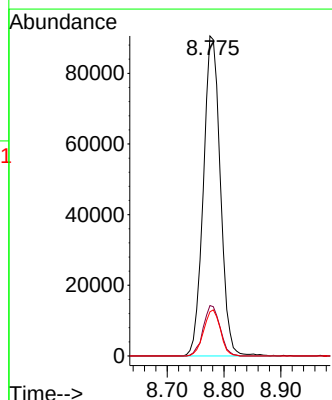
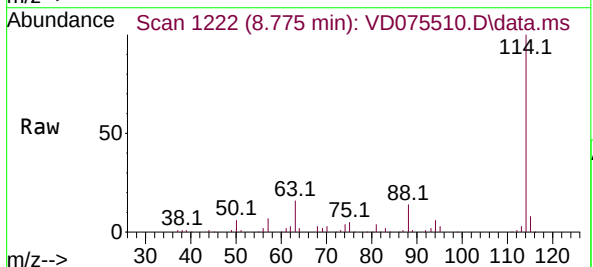
Tgt Ion: 114 Resp: 187780

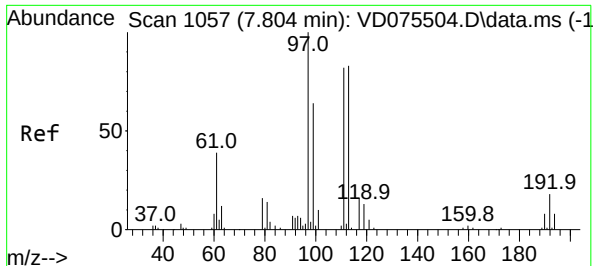
Ion Ratio Lower Upper

114 100

63 15.7 0.0 41.6

88 13.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.251 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

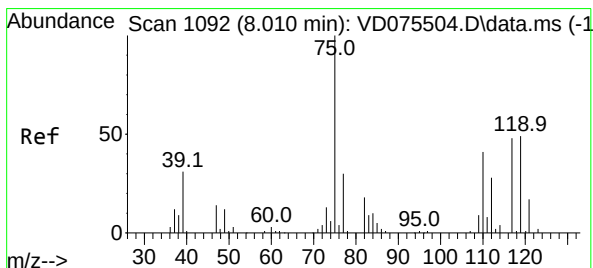
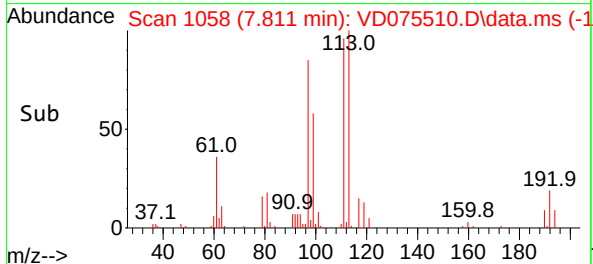
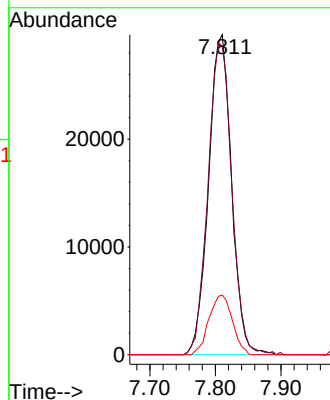
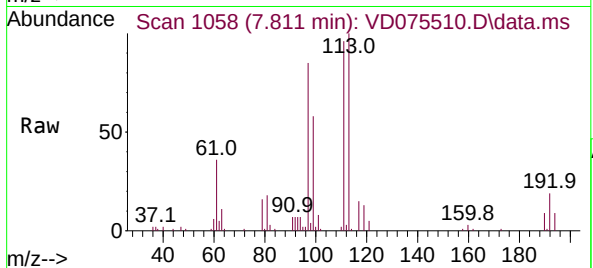
Tgt Ion:113 Resp: 72344

Ion Ratio Lower Upper

113 100

111 100.9 81.4 122.0

192 19.0 15.2 22.8



#36

1,1-Dichloropropene

Concen: 49.757 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

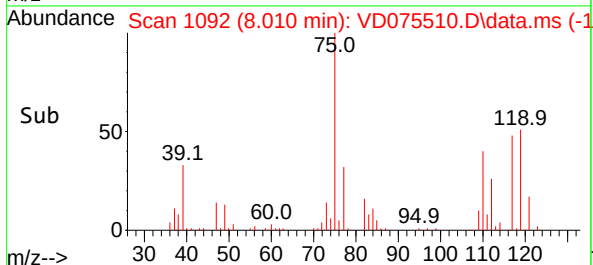
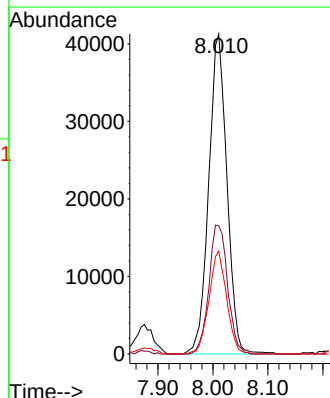
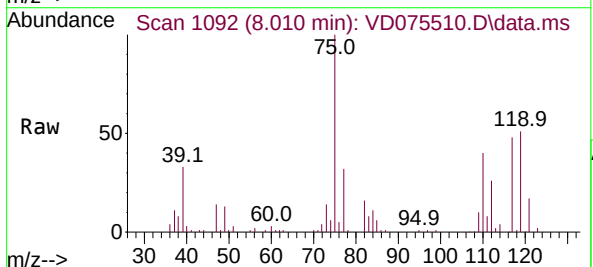
Tgt Ion: 75 Resp: 94835

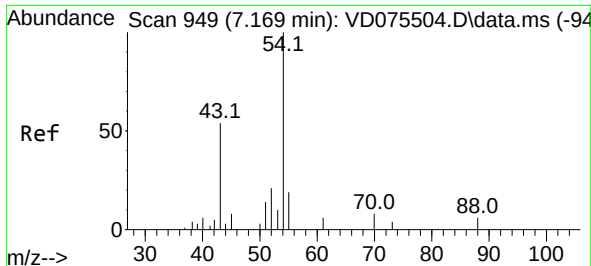
Ion Ratio Lower Upper

75 100

110 41.4 17.1 51.2

77 31.3 24.6 36.8





#37

Ethyl Acetate

Concen: 49.452 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

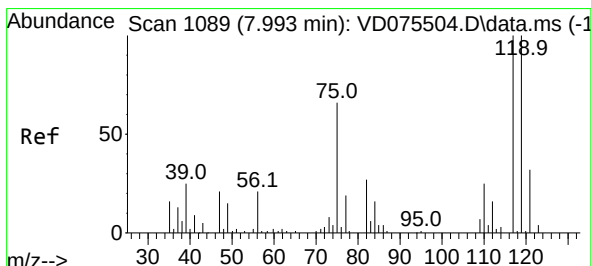
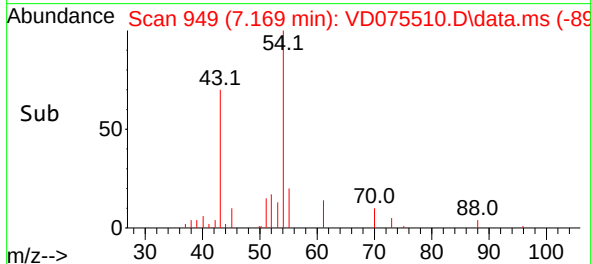
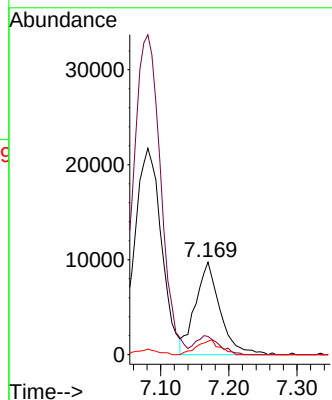
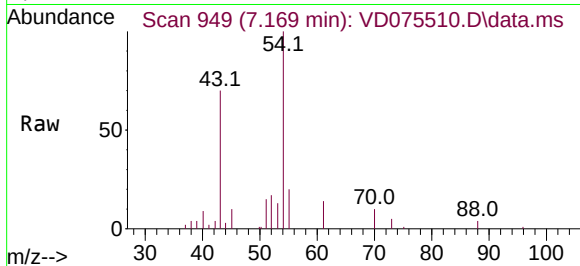
Tgt Ion: 43 Resp: 24558

Ion Ratio Lower Upper

43 100

61 19.6 0.0 0.0#

70 14.4 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 49.776 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

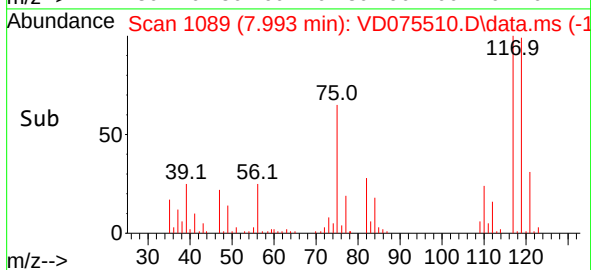
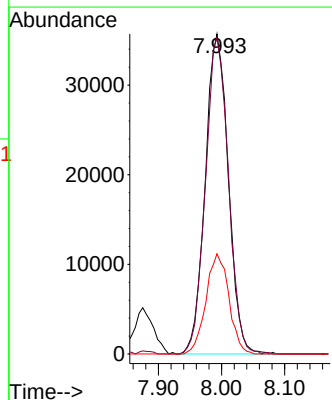
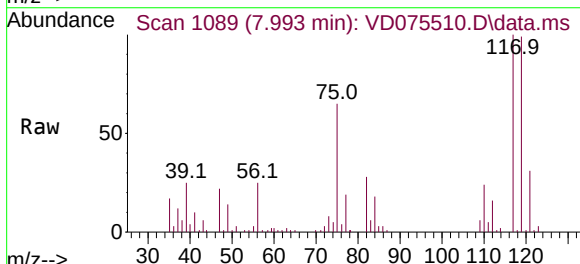
Tgt Ion: 117 Resp: 90903

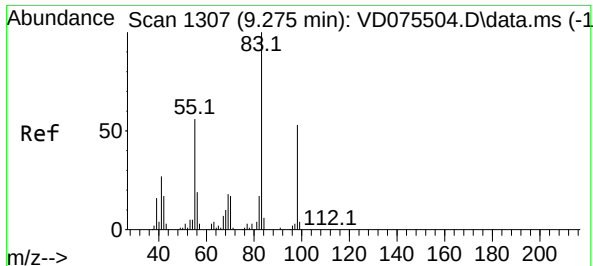
Ion Ratio Lower Upper

117 100

119 98.7 74.7 112.1

121 31.3 25.9 38.9





#39

Methylcyclohexane

Concen: 49.500 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

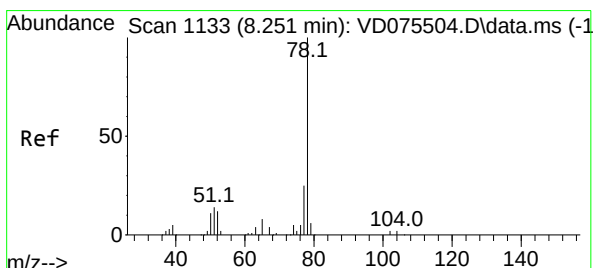
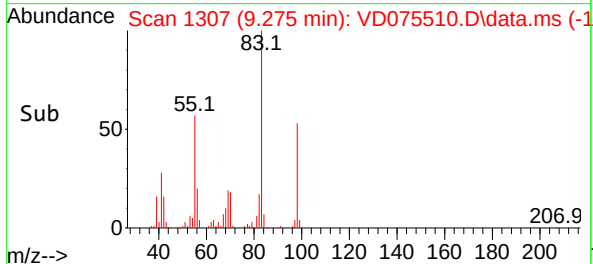
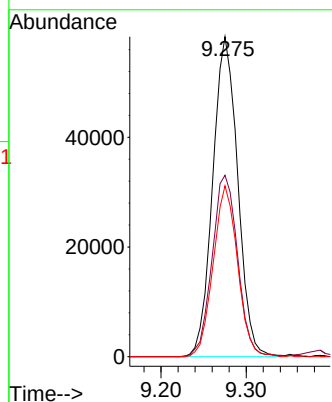
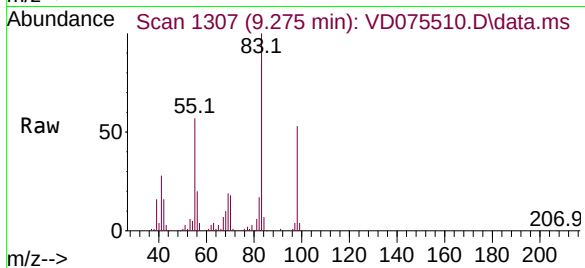
Tgt Ion: 83 Resp: 118950

Ion Ratio Lower Upper

83 100

55 56.7 56.8 85.2#

98 53.4 38.9 58.3



#40

Benzene

Concen: 49.090 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075510.D

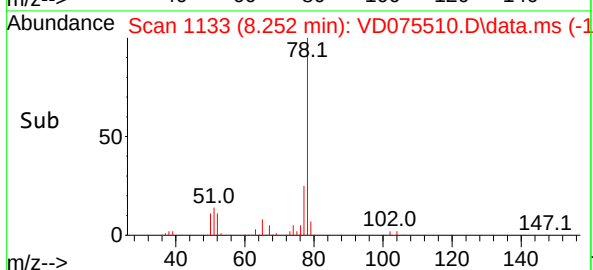
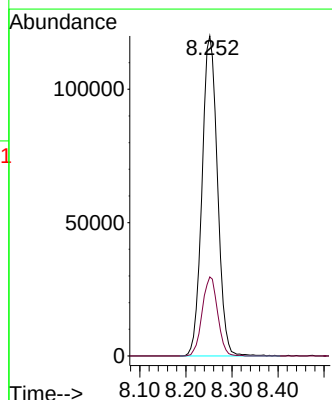
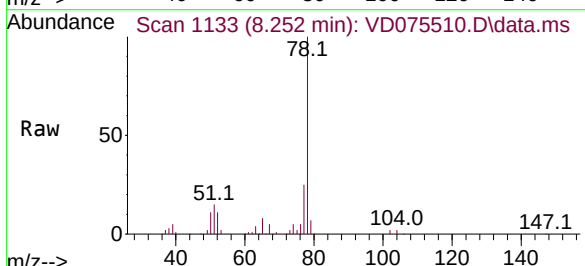
Acq: 13 Mar 2023 16:26

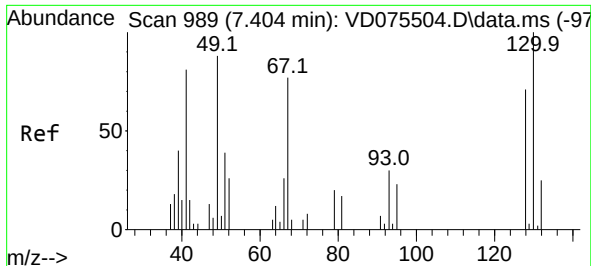
Tgt Ion: 78 Resp: 280398

Ion Ratio Lower Upper

78 100

77 24.7 19.1 28.7

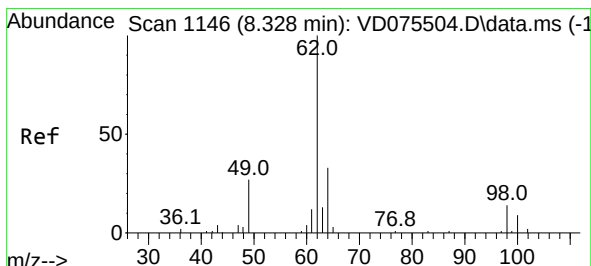
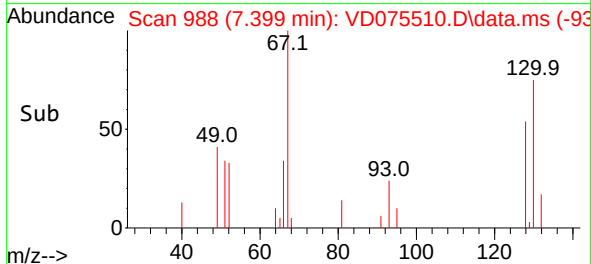
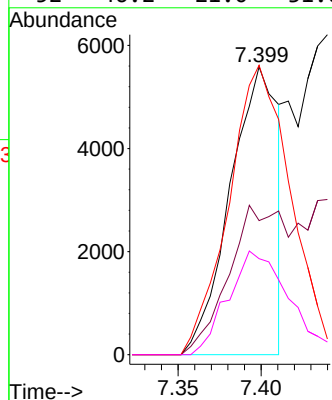
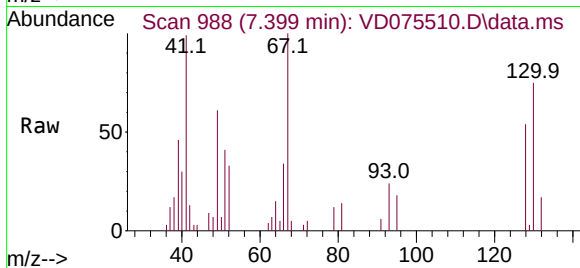




#41
Methacrylonitrile
Concen: 42.922 ug/l m
RT: 7.399 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

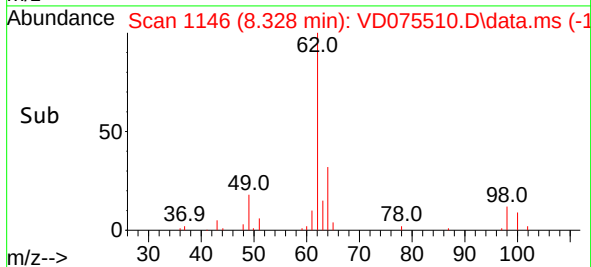
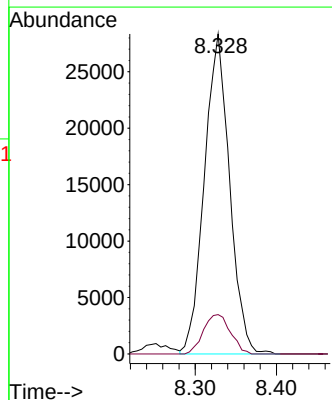
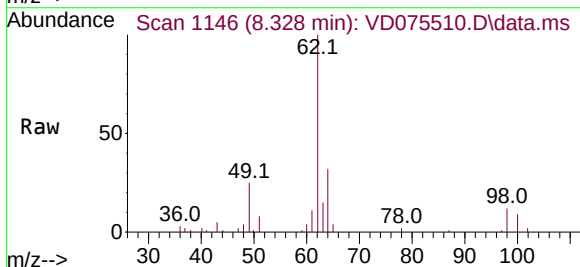
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

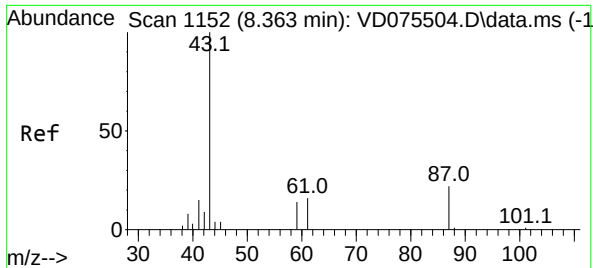
Tgt Ion: 41 Resp: 11232
Ion Ratio Lower Upper
41 100
39 60.8 45.3 67.9
67 130.7 50.5 75.7#
52 46.2 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 48.668 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 62 Resp: 61191
Ion Ratio Lower Upper
62 100
98 13.2 0.0 18.8

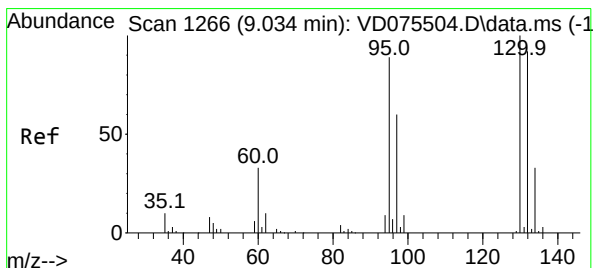
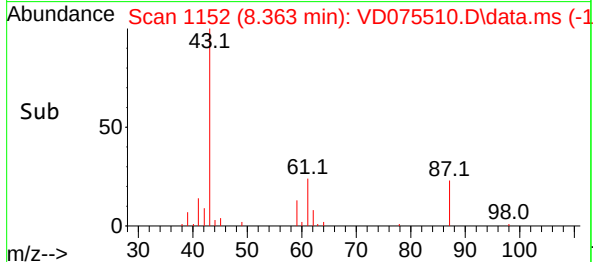
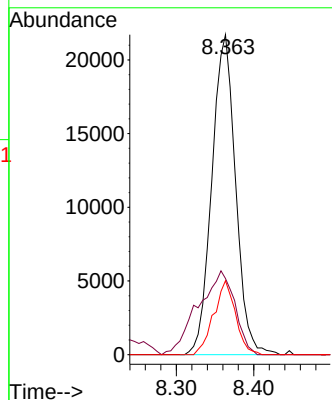
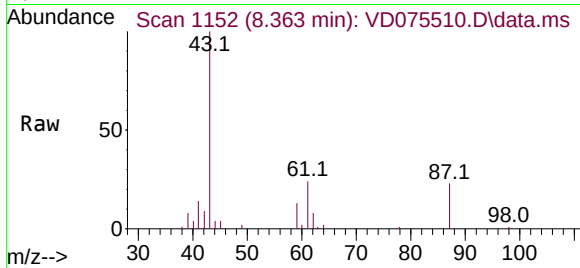




#43
Isopropyl Acetate
Concen: 50.389 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

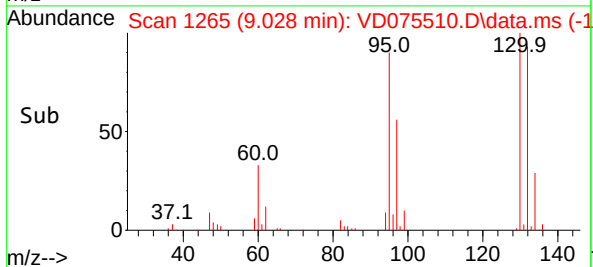
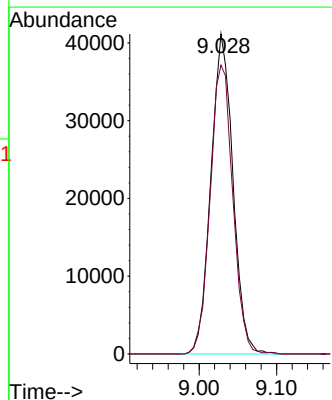
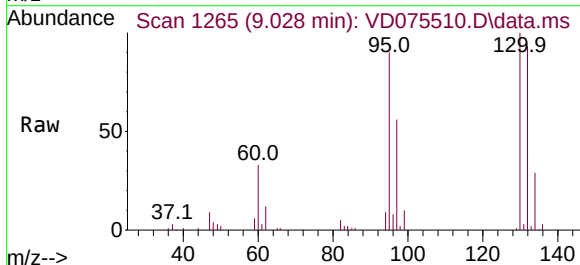
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

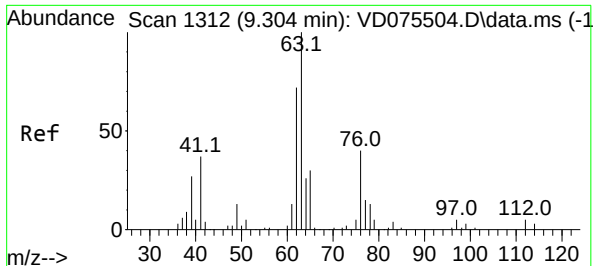
Tgt Ion: 43 Resp: 46303
Ion Ratio Lower Upper
43 100
61 40.4 23.4 35.0#
87 21.2 9.5 14.3#



#44
Trichloroethene
Concen: 48.358 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion:130 Resp: 81180
Ion Ratio Lower Upper
130 100
95 90.3 0.0 197.6





#45

1,2-Dichloropropane

Concen: 50.327 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

Instrument :

MSVOA_D

ClientSampleId :

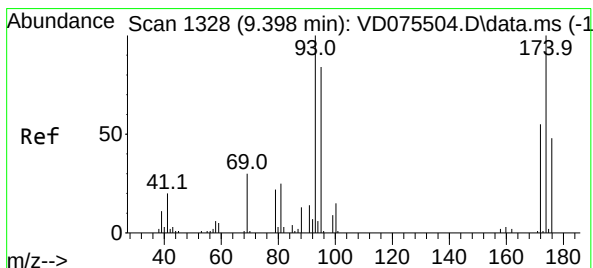
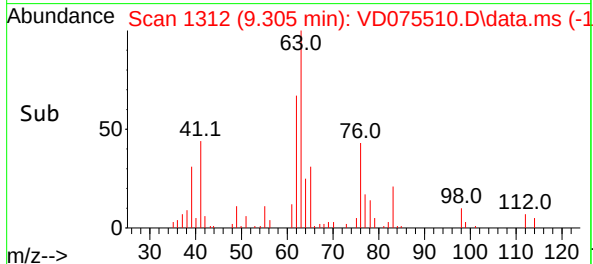
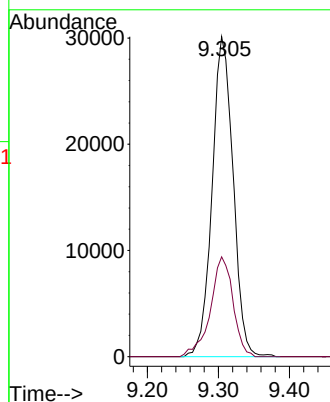
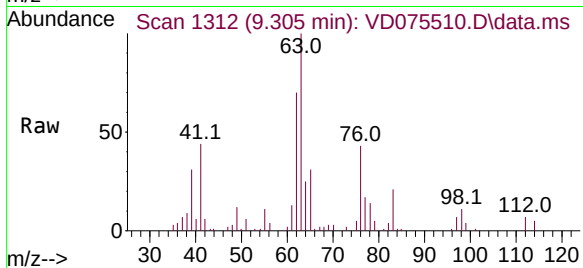
VSTDCCC050EC

Tgt Ion: 63 Resp: 61797

Ion Ratio Lower Upper

63 100

65 31.2 23.0 34.4



#46

Dibromomethane

Concen: 50.058 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

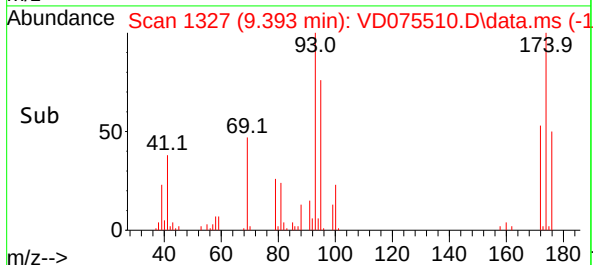
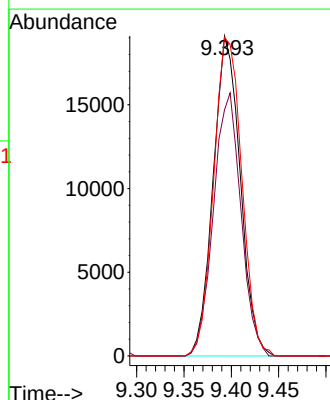
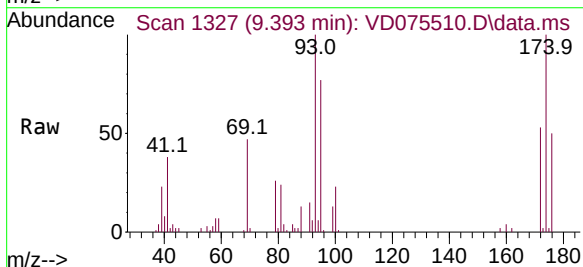
Tgt Ion: 93 Resp: 37884

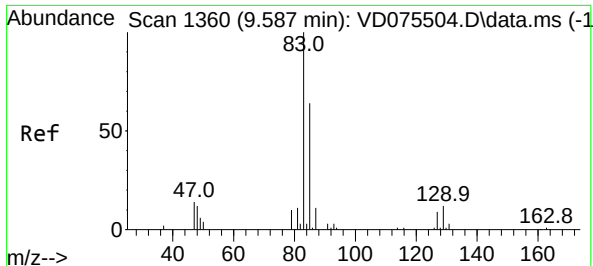
Ion Ratio Lower Upper

93 100

95 83.5 64.5 96.7

174 103.5 76.2 114.4

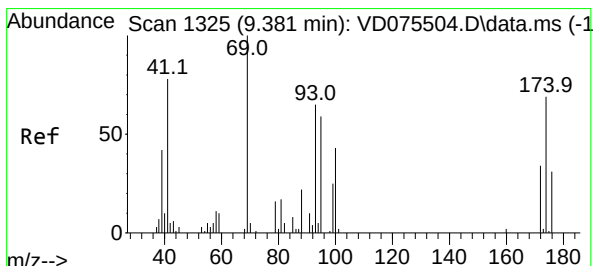
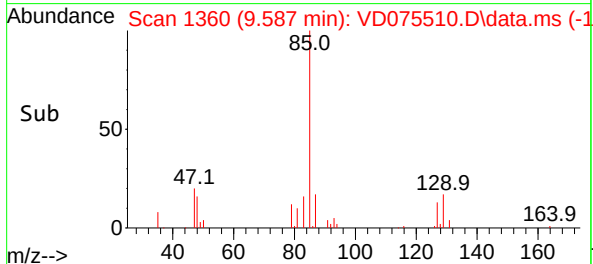
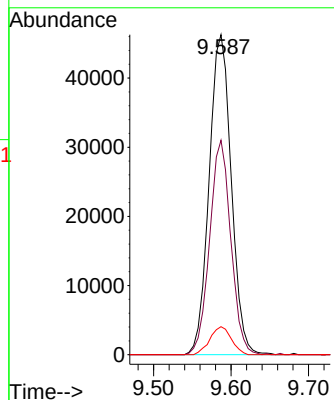
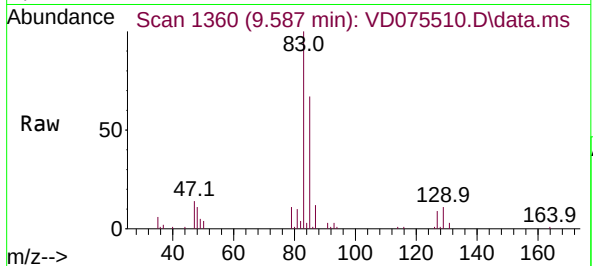




#47
Bromodichloromethane
Concen: 50.173 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

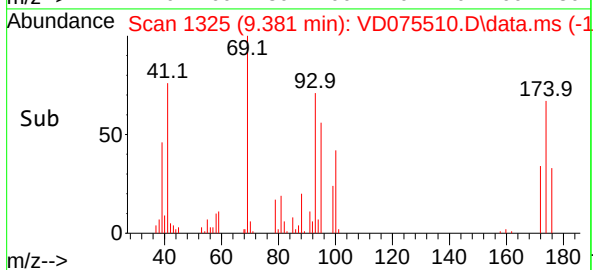
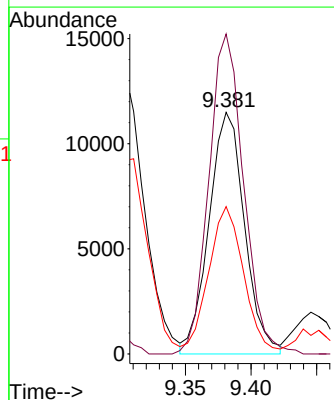
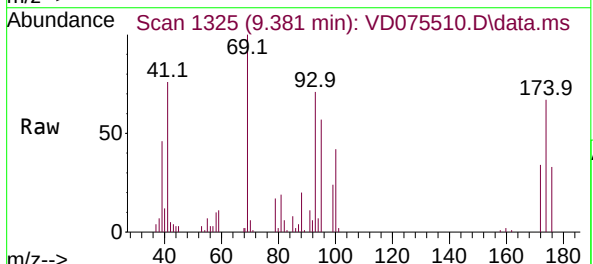
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

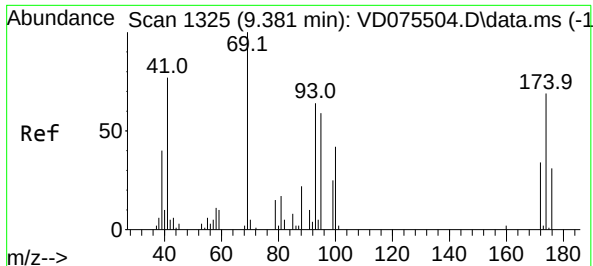
Tgt Ion: 83 Resp: 91946
Ion Ratio Lower Upper
83 100
85 67.0 53.7 80.5
127 8.7 7.0 10.6



#48
Methyl methacrylate
Concen: 50.229 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 41 Resp: 21683
Ion Ratio Lower Upper
41 100
69 129.6 58.6 88.0#
39 56.5 53.4 80.0





#49

1,4-Dioxane

Concen: 1018.459 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

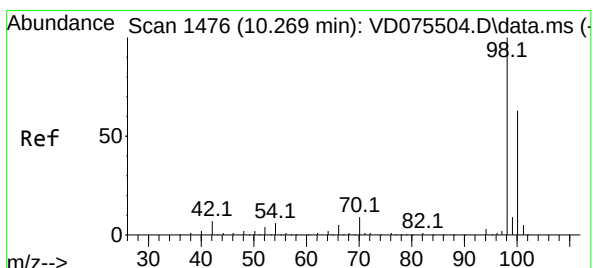
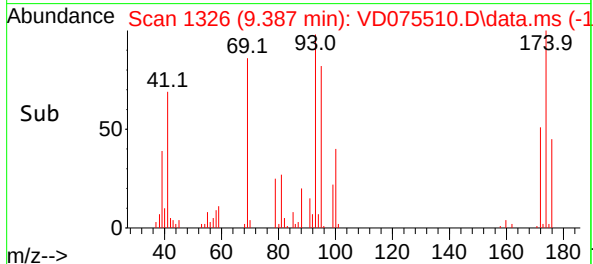
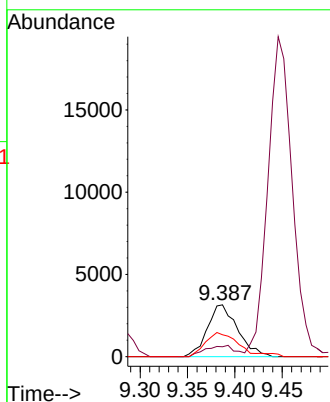
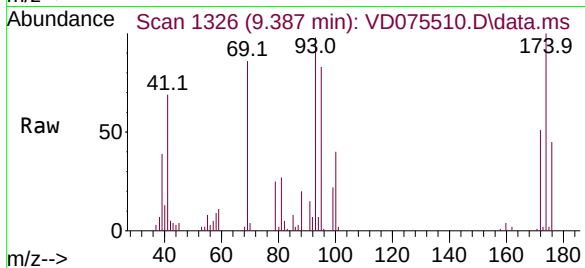
Tgt Ion: 88 Resp: 6992

Ion Ratio Lower Upper

88 100

43 21.7 34.6 51.8#

58 52.2 58.0 87.0#



#50

Toluene-d8

Concen: 57.800 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075510.D

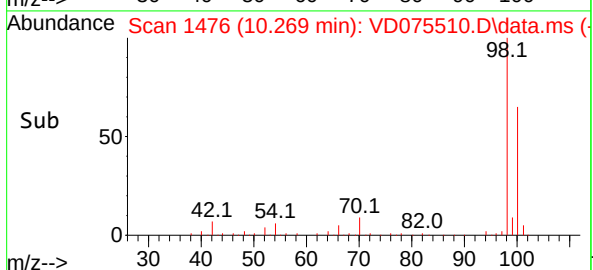
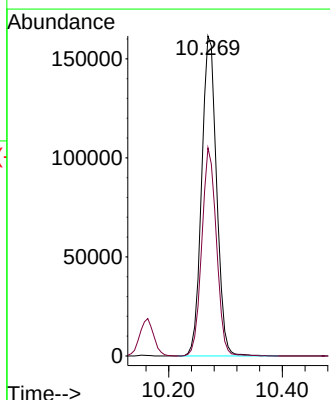
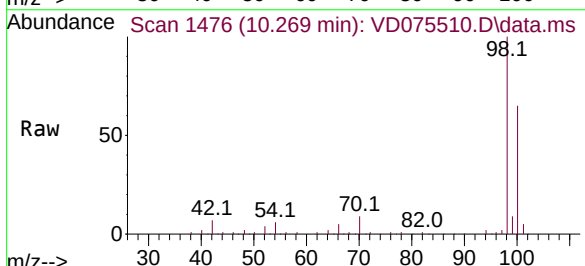
Acq: 13 Mar 2023 16:26

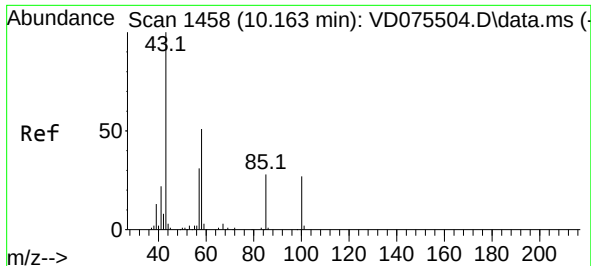
Tgt Ion: 98 Resp: 293661

Ion Ratio Lower Upper

98 100

100 63.8 52.1 78.1

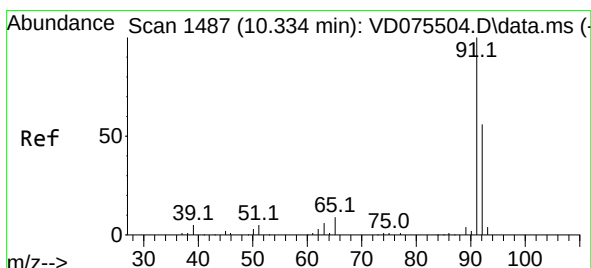
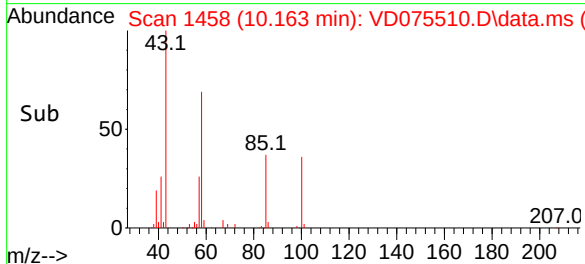
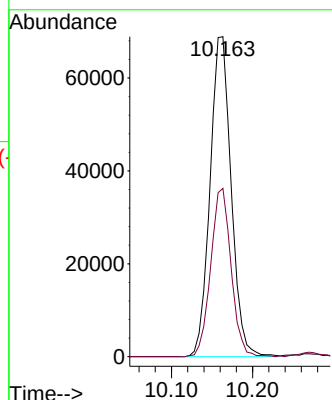
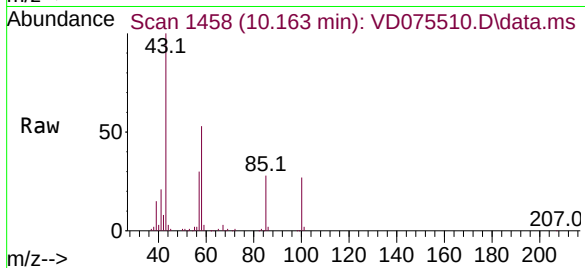




#51
4-Methyl-2-Pentanone
Concen: 261.057 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

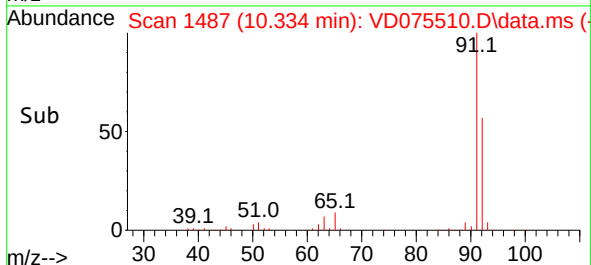
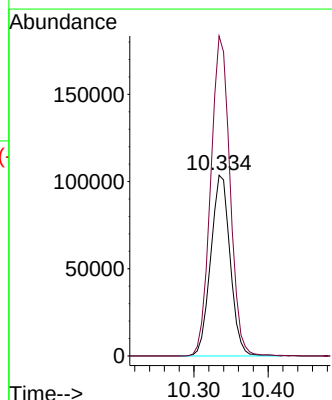
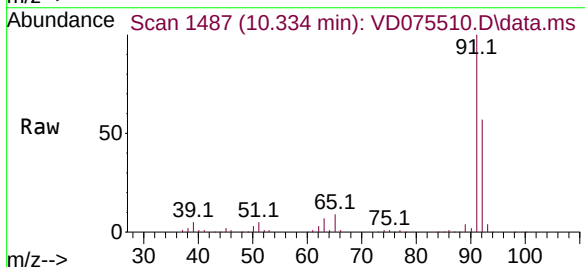
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

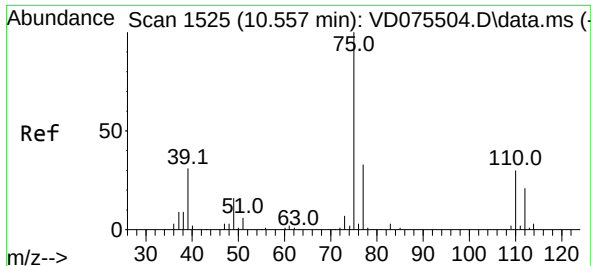
Tgt Ion: 43 Resp: 124756
Ion Ratio Lower Upper
43 100
58 50.7 29.5 44.3#



#52
Toluene
Concen: 50.966 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 92 Resp: 188644
Ion Ratio Lower Upper
92 100
91 176.2 136.5 204.7

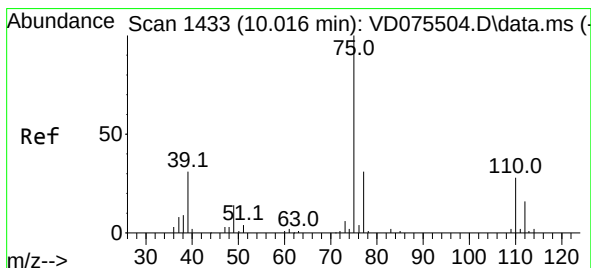
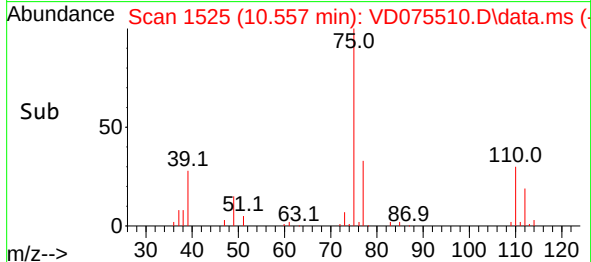
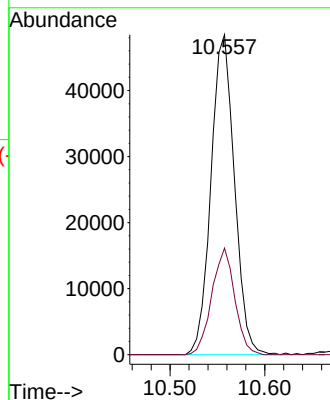
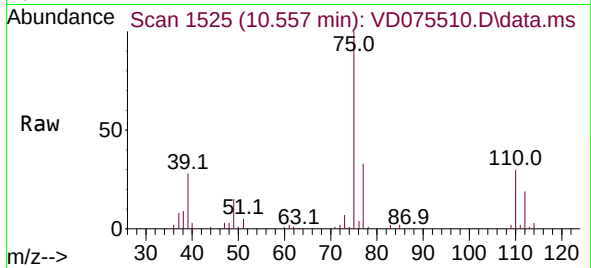




#53
t-1,3-Dichloropropene
Concen: 50.520 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

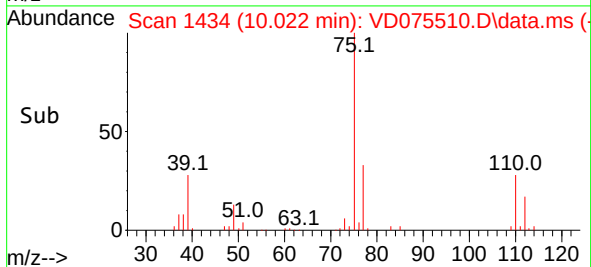
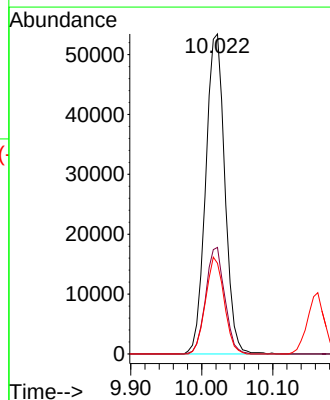
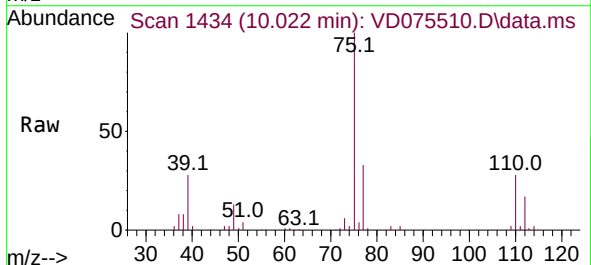
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

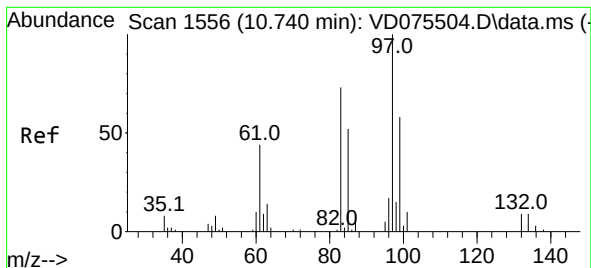
Tgt Ion: 75 Resp: 83284
Ion Ratio Lower Upper
75 100
77 33.3 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 49.436 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 75 Resp: 100086
Ion Ratio Lower Upper
75 100
77 33.3 25.6 38.4
39 28.3 44.8 67.2#





#55

1,1,2-Trichloroethane

Concen: 50.178 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 53759

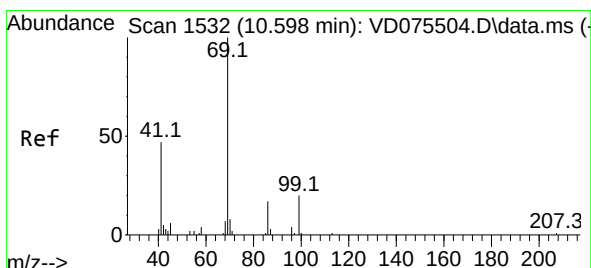
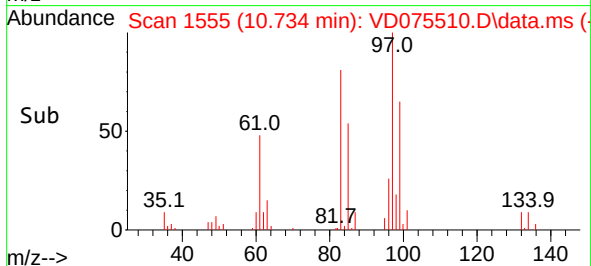
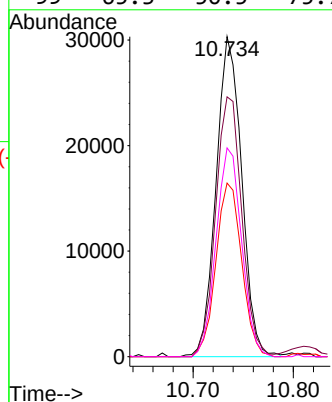
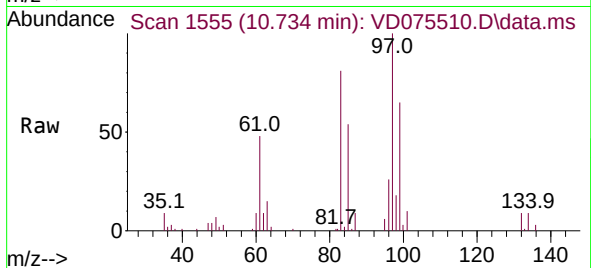
Ion Ratio Lower Upper

97 100

83 81.2 74.2 111.4

85 54.2 45.4 68.0

99 65.3 50.5 75.7



#56

Ethyl methacrylate

Concen: 52.969 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

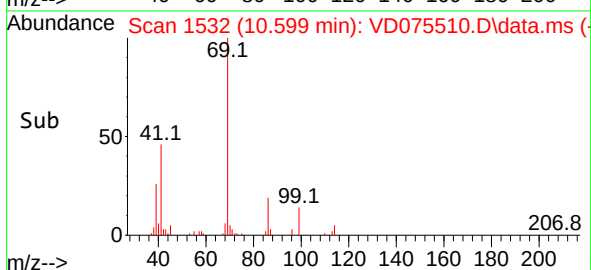
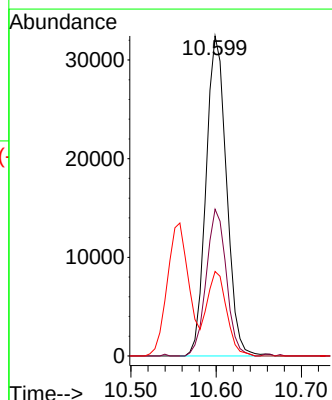
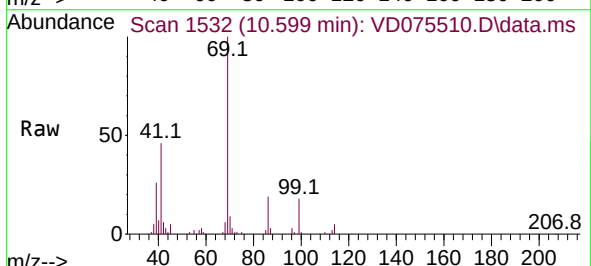
Tgt Ion: 69 Resp: 54032

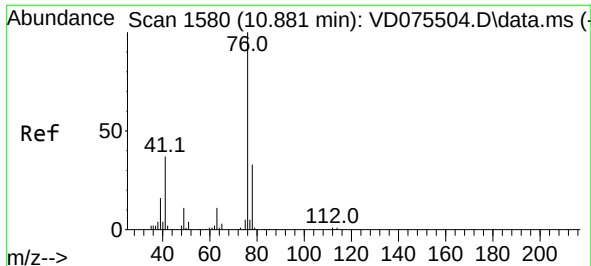
Ion Ratio Lower Upper

69 100

41 45.1 59.3 88.9#

39 25.1 36.0 54.0#





#57

1,3-Dichloropropane

Concen: 50.456 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

Instrument :

MSVOA_D

ClientSampleId :

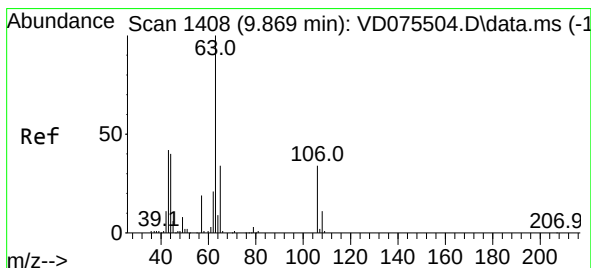
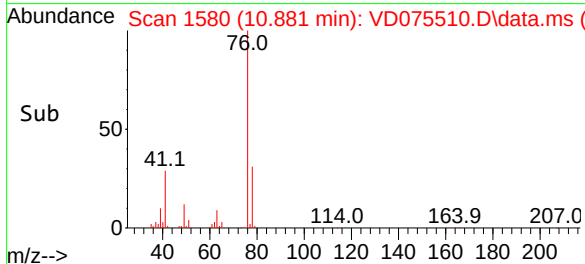
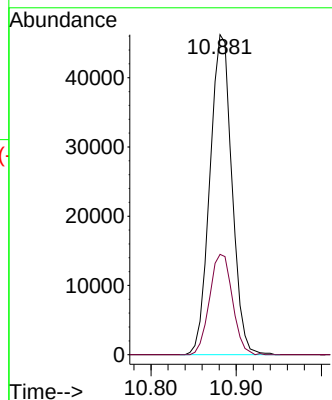
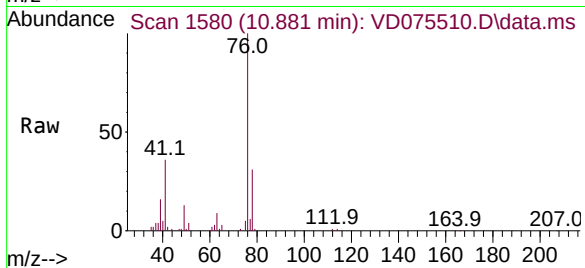
VSTDCCC050EC

Tgt Ion: 76 Resp: 83190

Ion Ratio Lower Upper

76 100

78 32.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 272.710 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075510.D

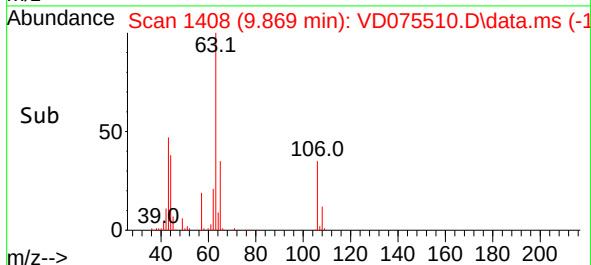
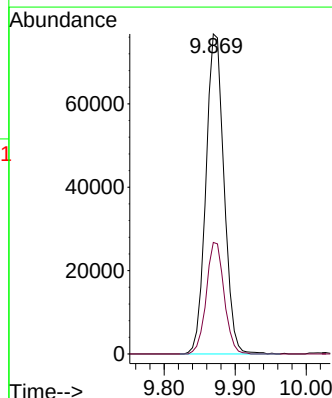
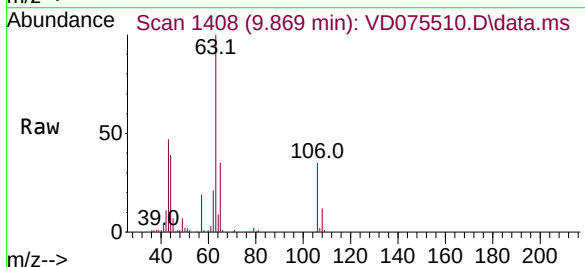
Acq: 13 Mar 2023 16:26

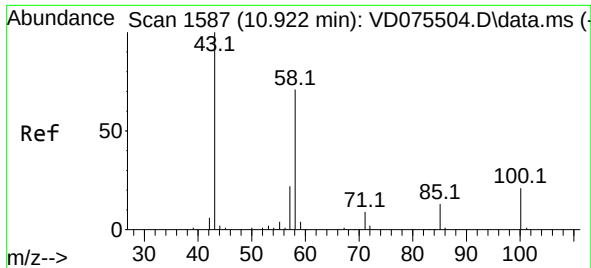
Tgt Ion: 63 Resp: 136145

Ion Ratio Lower Upper

63 100

106 34.3 21.4 32.2#

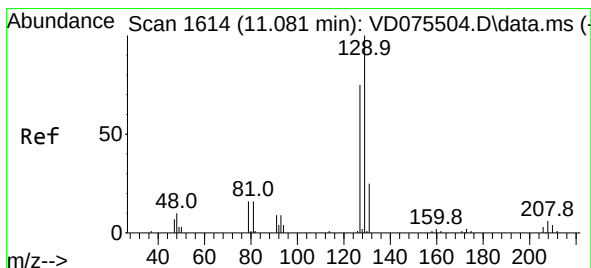
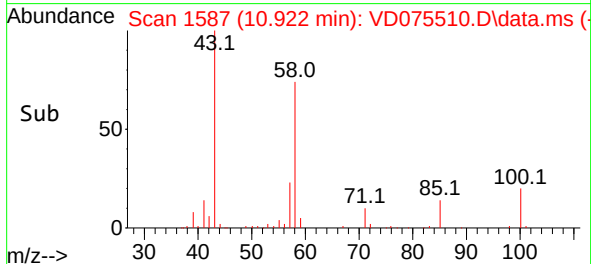
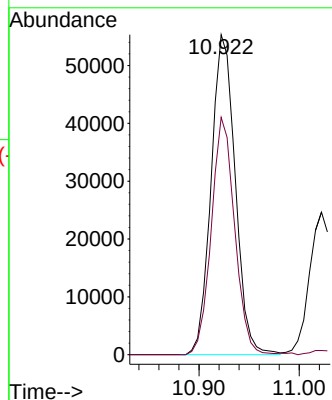
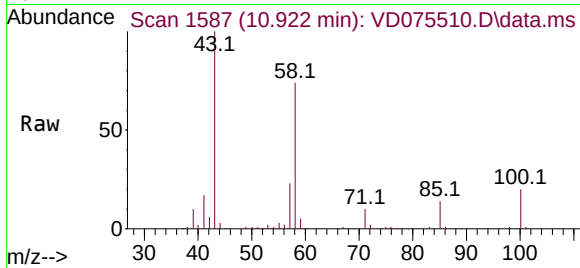




#59
2-Hexanone
Concen: 273.288 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

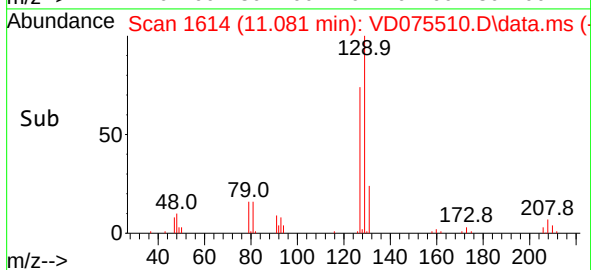
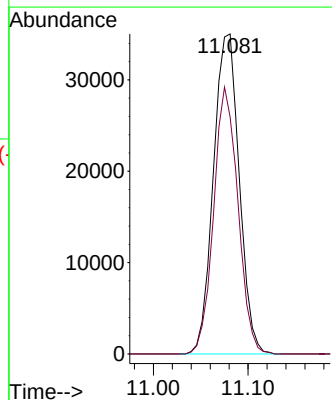
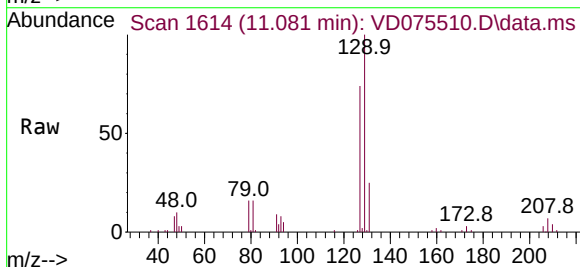
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

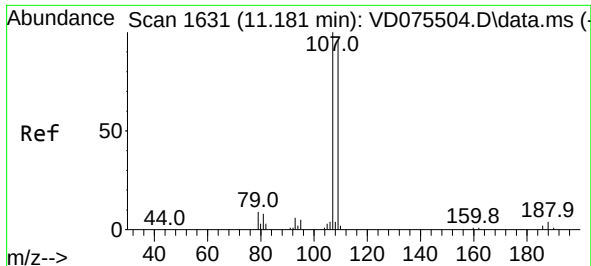
Tgt Ion: 43 Resp: 92359
Ion Ratio Lower Upper
43 100
58 71.6 25.3 75.8



#60
Dibromochloromethane
Concen: 52.386 ug/l
RT: 11.081 min Scan# 1614
Delta R.T. 0.006 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 129 Resp: 66310
Ion Ratio Lower Upper
129 100
127 78.4 38.1 114.5

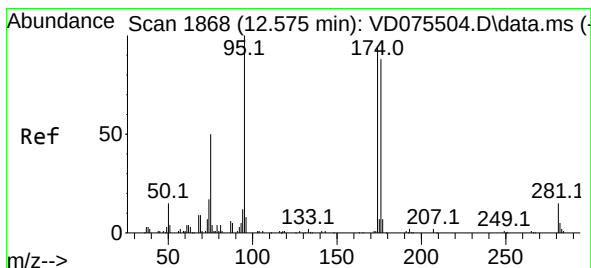
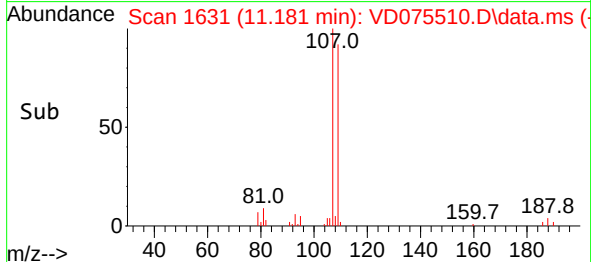
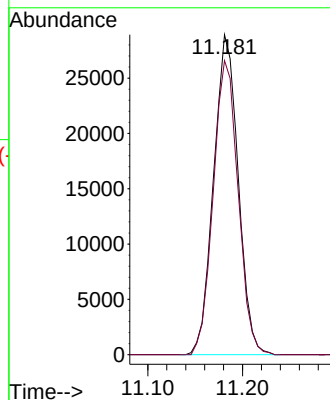
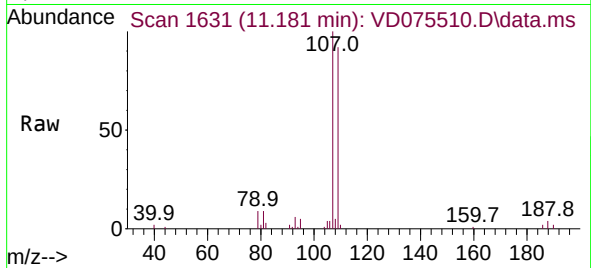




#61
1,2-Dibromoethane
Concen: 51.731 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

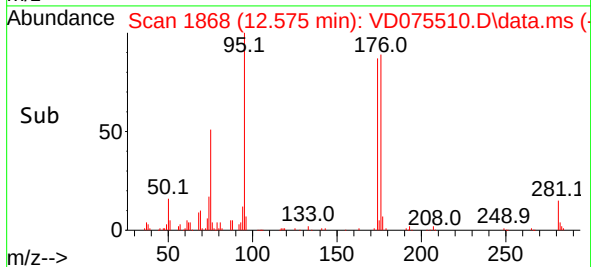
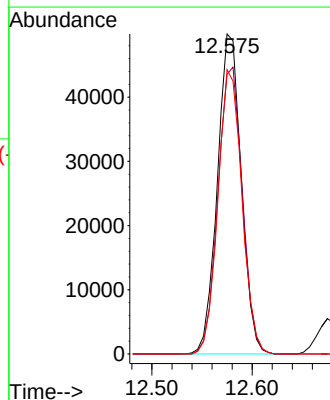
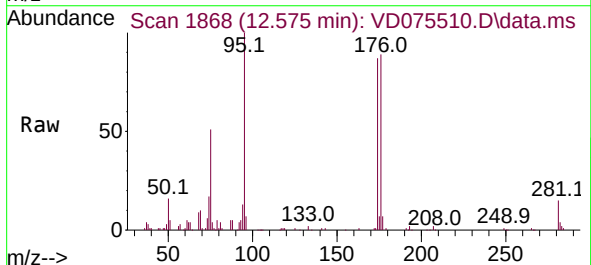
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

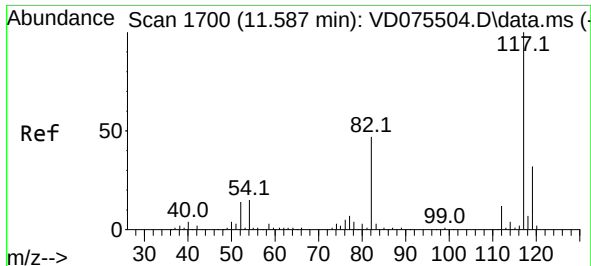
Tgt Ion:107 Resp: 52196
Ion Ratio Lower Upper
107 100
109 93.0 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 56.062 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 95 Resp: 82341
Ion Ratio Lower Upper
95 100
174 91.6 0.0 164.0
176 89.0 0.0 156.8

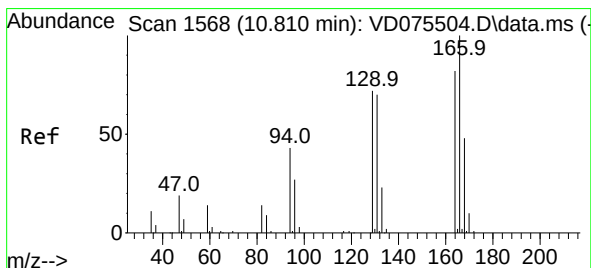
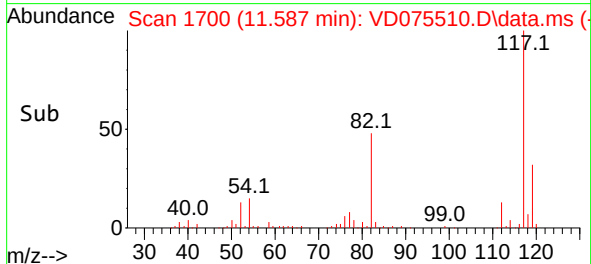
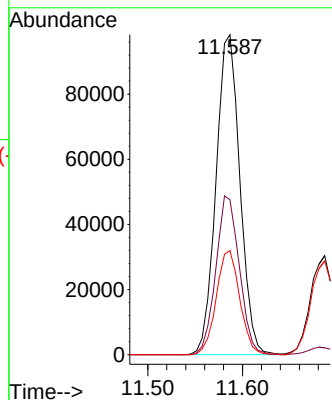
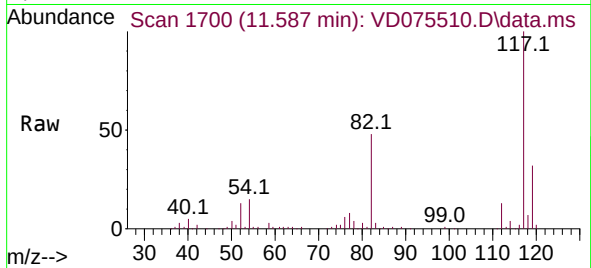




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

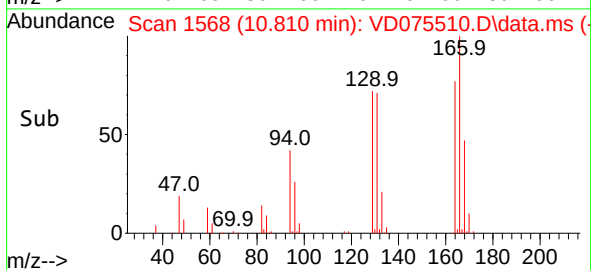
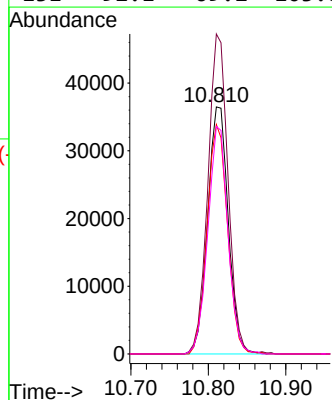
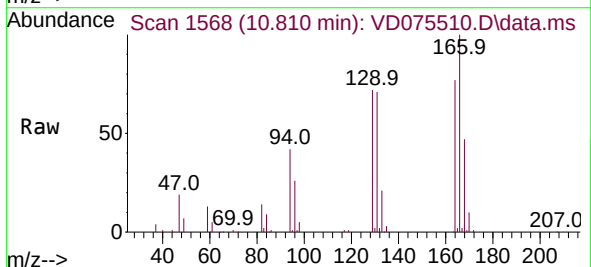
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

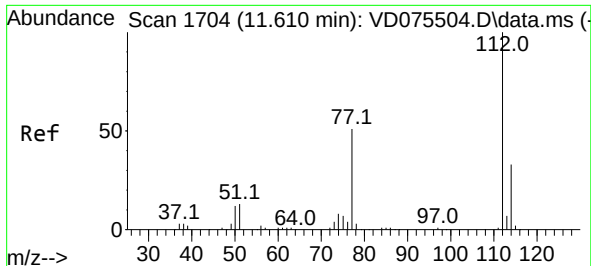
Tgt Ion:117 Resp: 172315
Ion Ratio Lower Upper
117 100
82 48.4 44.0 66.0
119 32.5 25.1 37.7



#64
Tetrachloroethene
Concen: 49.758 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion:164 Resp: 67665
Ion Ratio Lower Upper
164 100
166 129.6 94.9 142.3
129 92.9 73.0 109.6
131 92.1 69.2 103.8

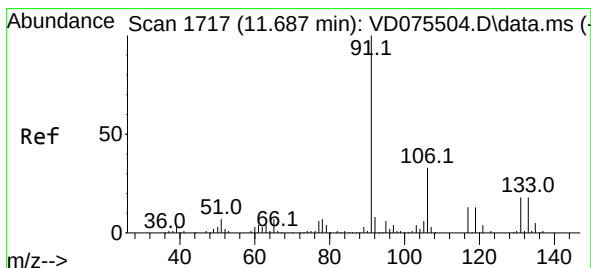
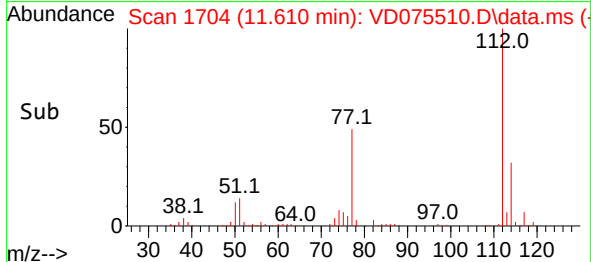
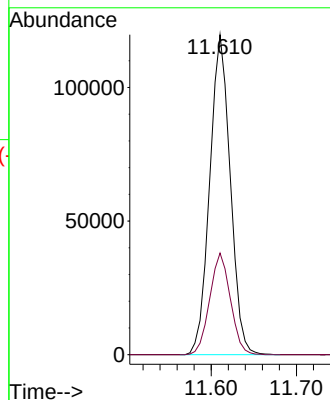
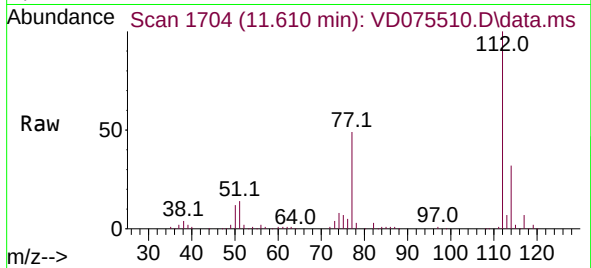




#65
Chlorobenzene
Concen: 49.030 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

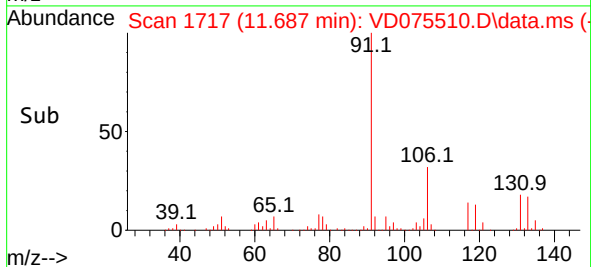
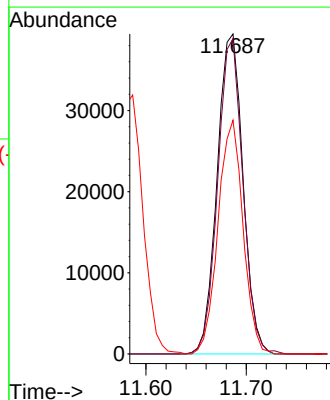
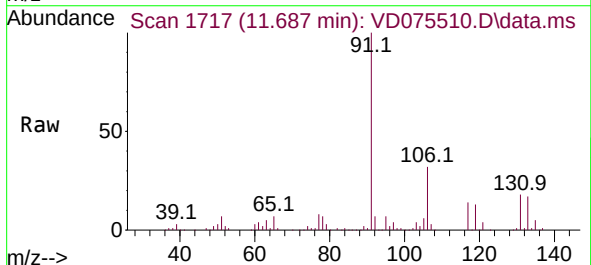
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

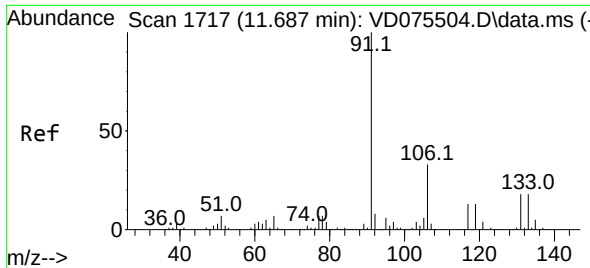
Tgt Ion:112 Resp: 200372
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.324 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion:131 Resp: 70455
Ion Ratio Lower Upper
131 100
133 95.7 46.7 140.0
119 70.5 31.9 95.9

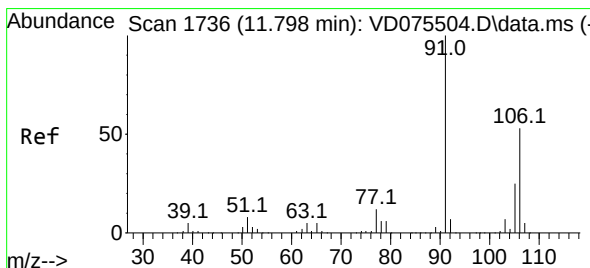
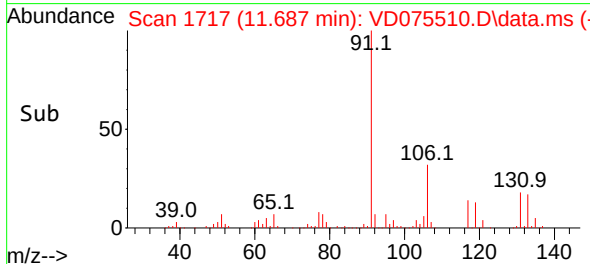
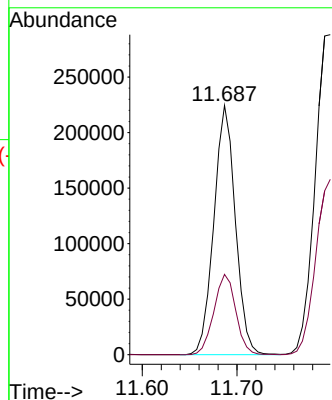
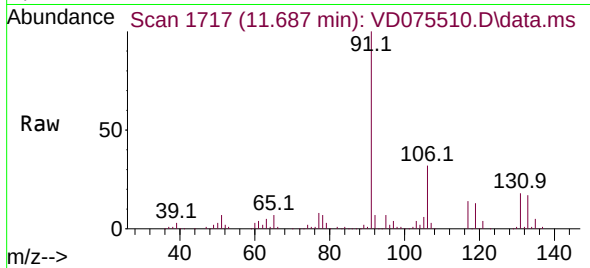




#67
Ethyl Benzene
Concen: 50.246 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

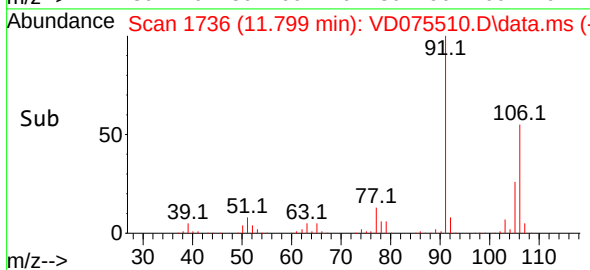
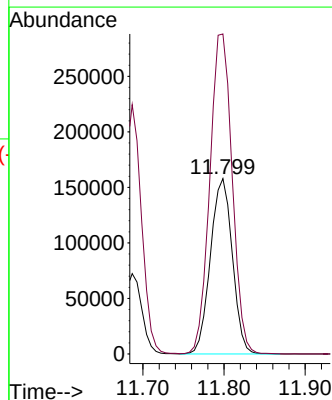
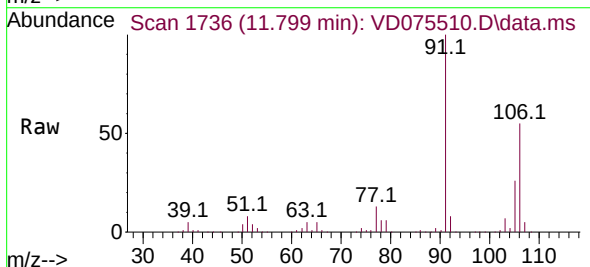
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

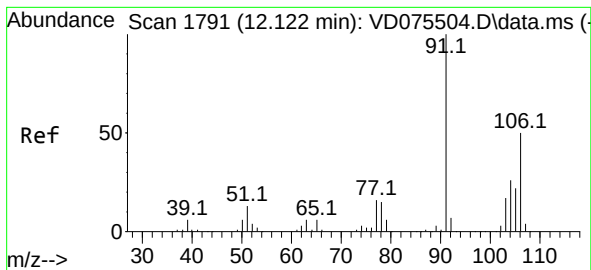
Tgt Ion: 91 Resp: 353632
Ion Ratio Lower Upper
91 100
106 32.2 24.5 36.7



#68
m/p-Xylenes
Concen: 104.703 ug/l
RT: 11.799 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 106 Resp: 296177
Ion Ratio Lower Upper
106 100
91 186.4 161.5 242.3





#69

o-Xylene

Concen: 50.558 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

Instrument :

MSVOA_D

ClientSampleId :

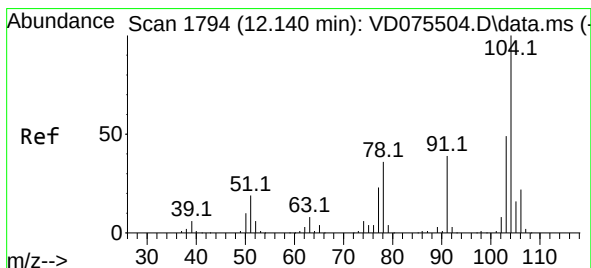
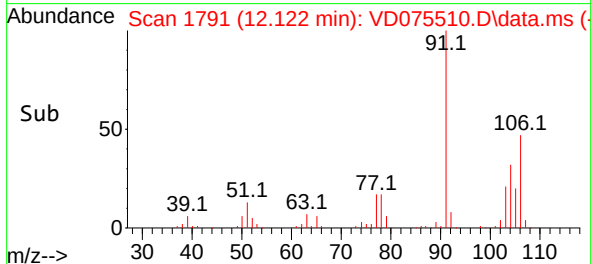
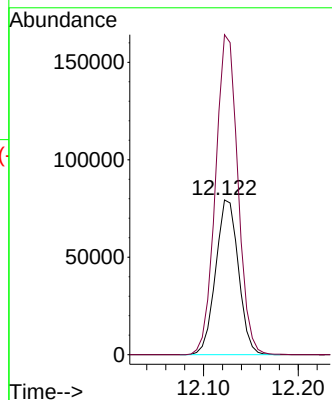
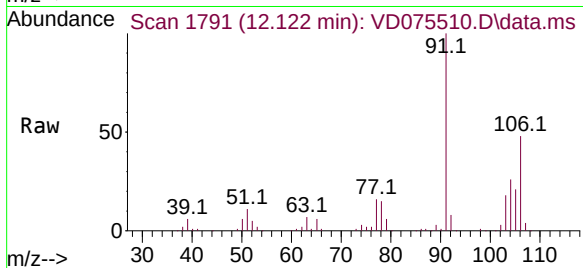
VSTDCCC050EC

Tgt Ion:106 Resp: 132819

Ion Ratio Lower Upper

106 100

91 203.3 105.7 317.1



#70

Styrene

Concen: 53.792 ug/l

RT: 12.140 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

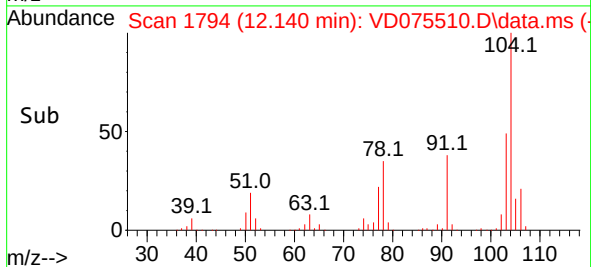
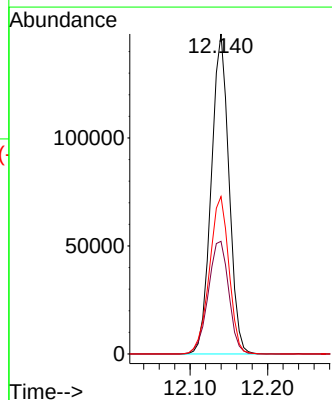
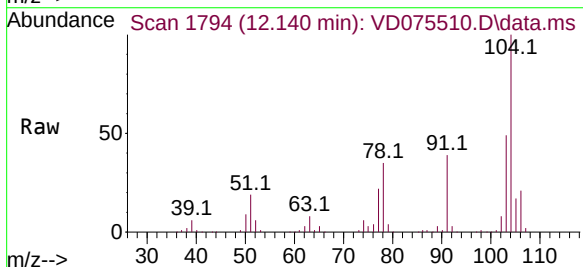
Tgt Ion:104 Resp: 235065

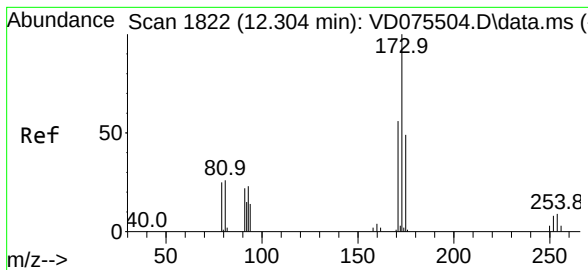
Ion Ratio Lower Upper

104 100

78 40.8 40.2 60.4

103 54.1 44.2 66.2

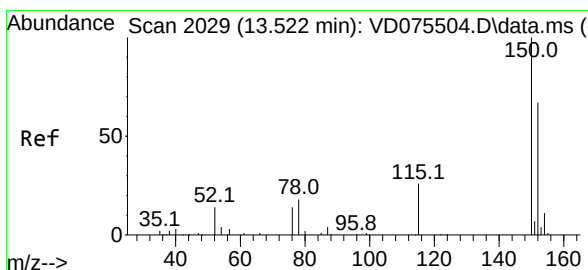
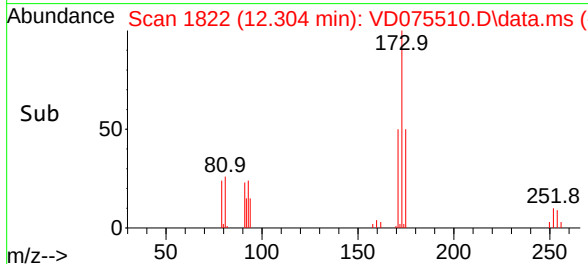
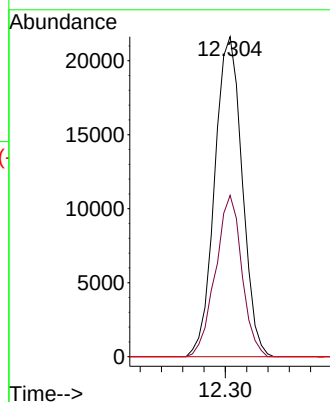
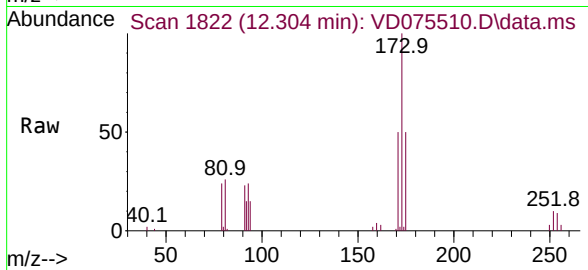




#71
Bromoform
Concen: 54.148 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

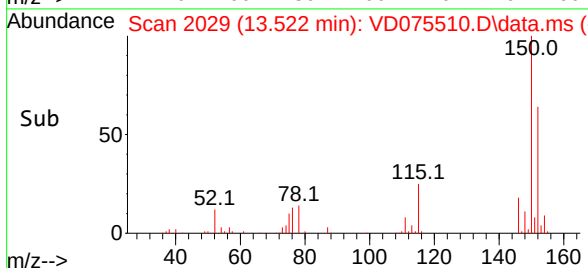
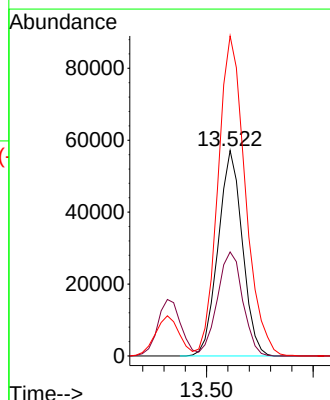
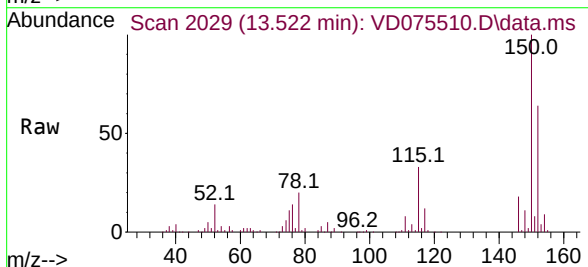
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

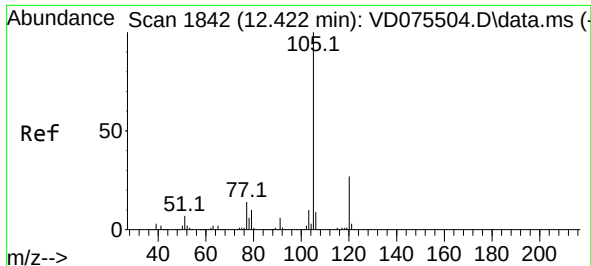
Tgt Ion:173 Resp: 38710
Ion Ratio Lower Upper
173 100
175 48.3 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion:152 Resp: 90221
Ion Ratio Lower Upper
152 100
115 52.8 30.1 90.3
150 175.5 0.0 364.8

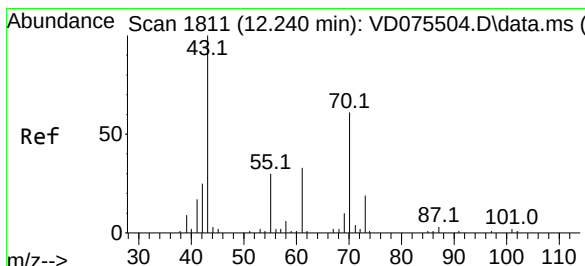
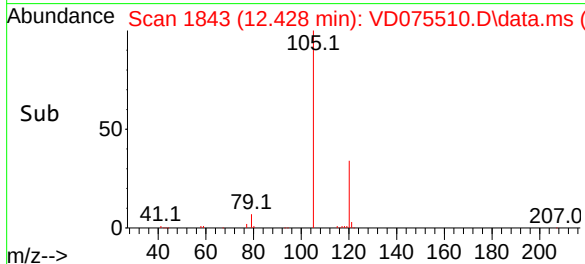
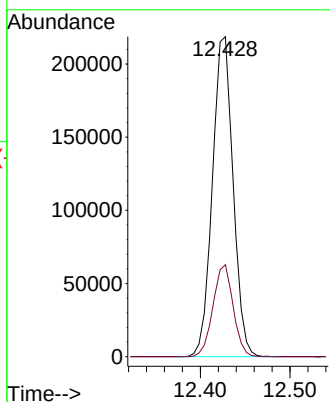
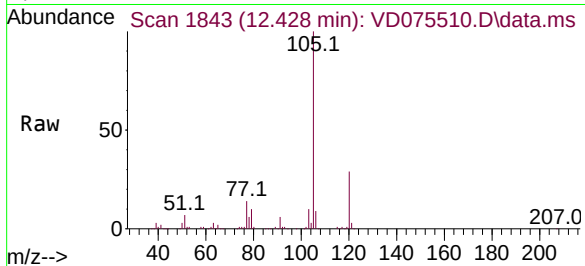




#73
Isopropylbenzene
Concen: 48.459 ug/l
RT: 12.428 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

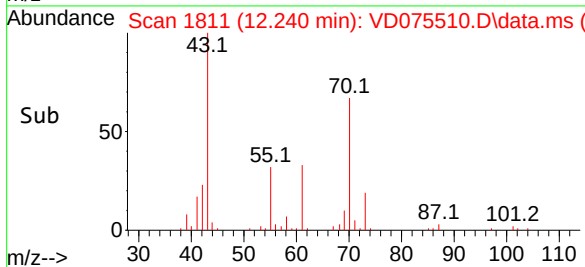
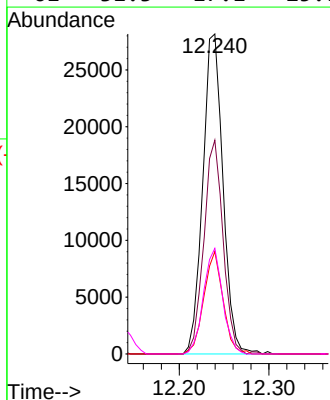
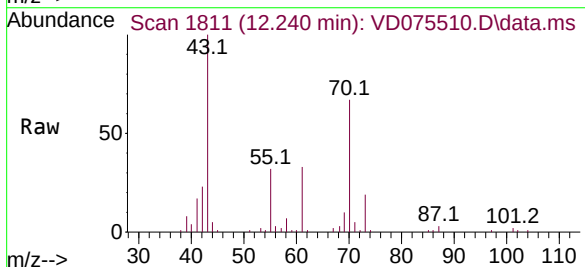
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

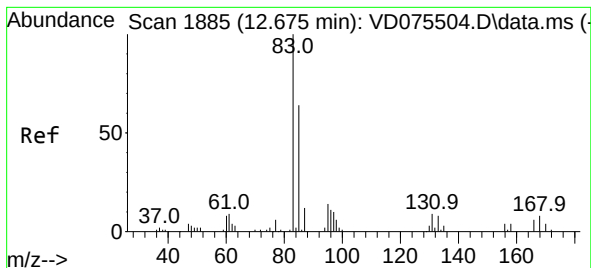
Tgt Ion:105 Resp: 350121
Ion Ratio Lower Upper
105 100
120 28.0 13.4 40.1



#74
N-ethyl acetate
Concen: 49.190 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 43 Resp: 44025
Ion Ratio Lower Upper
43 100
70 63.6 31.0 46.4#
55 30.4 18.6 28.0#
61 31.3 17.1 25.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 48.393 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

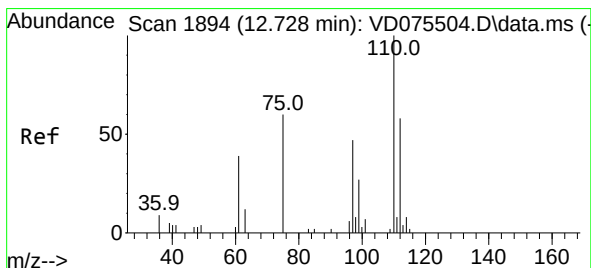
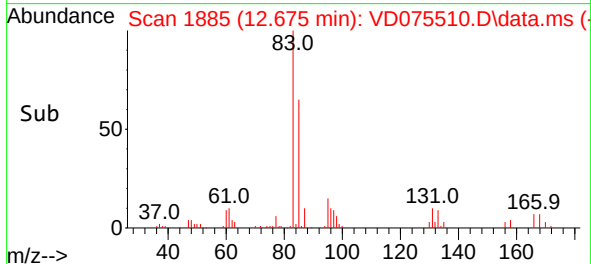
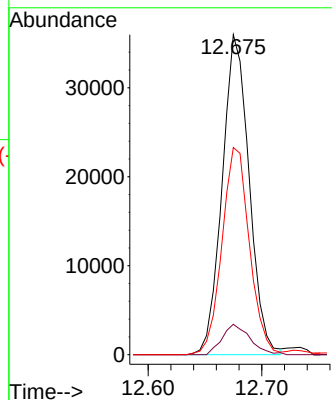
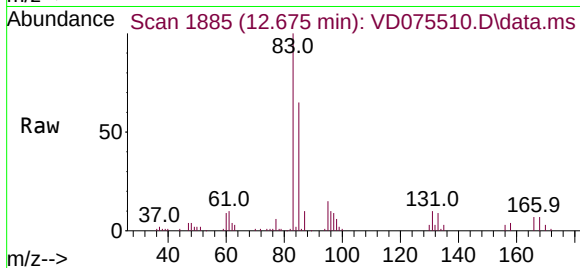
Tgt Ion: 83 Resp: 59299

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

85 66.1 33.6 100.6



#76

1,2,3-Trichloropropane

Concen: 49.659 ug/l m

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD075510.D

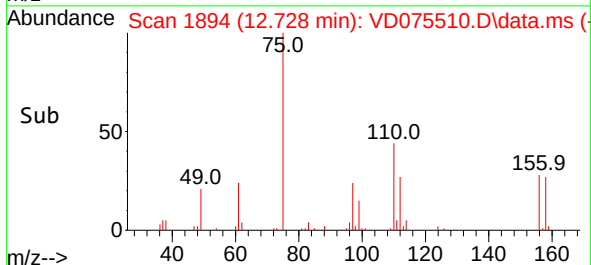
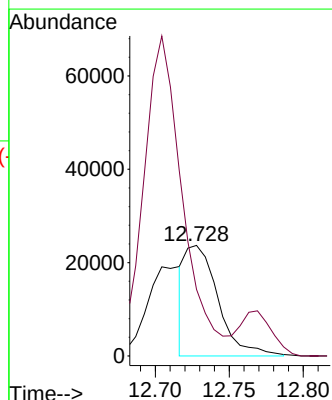
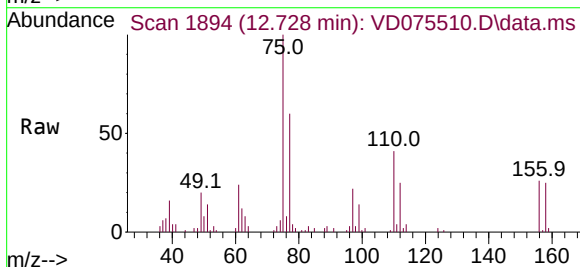
Acq: 13 Mar 2023 16:26

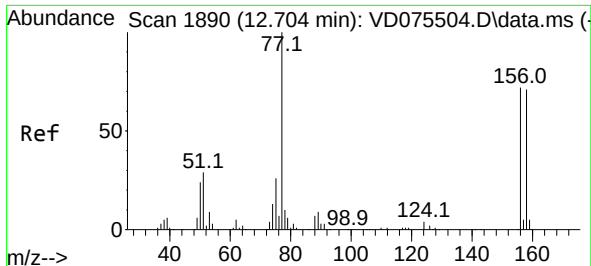
Tgt Ion: 75 Resp: 36745

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

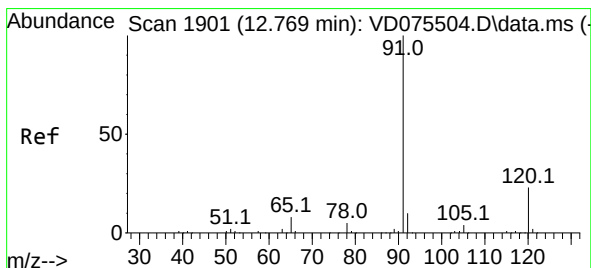
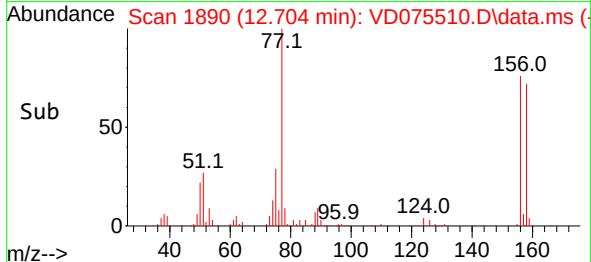
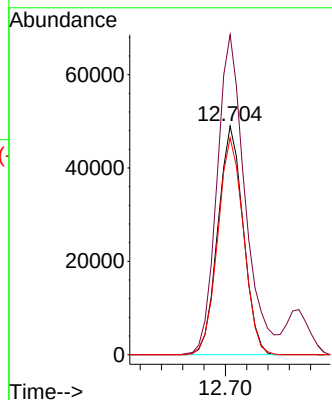
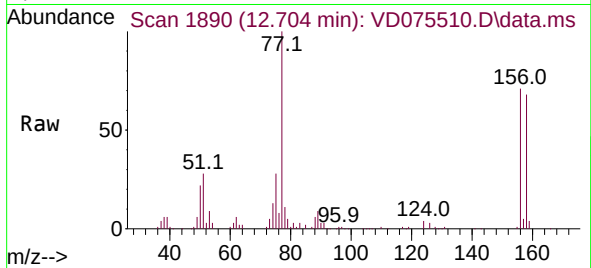




#77
Bromobenzene
Concen: 47.012 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

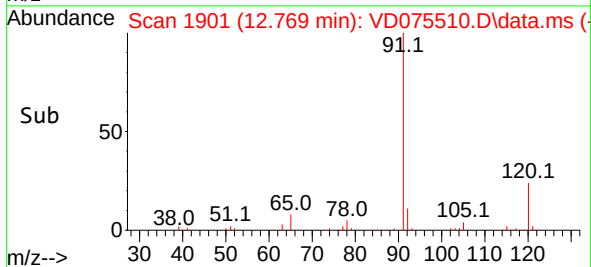
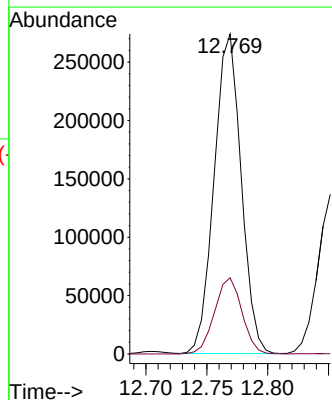
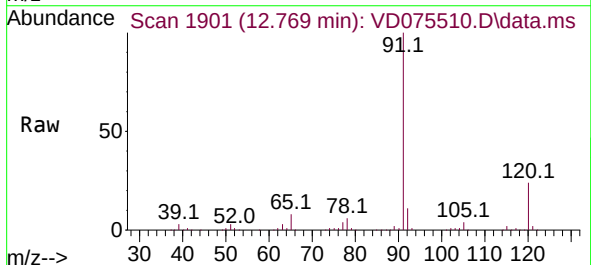
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

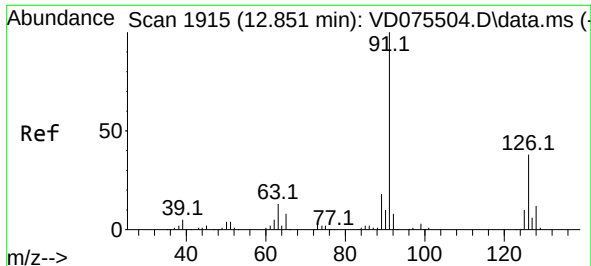
Tgt Ion:156 Resp: 80751
Ion Ratio Lower Upper
156 100
77 153.9 89.5 268.6
158 96.4 47.8 143.4



#78
n-propylbenzene
Concen: 48.152 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 91 Resp: 422727
Ion Ratio Lower Upper
91 100
120 24.1 11.4 34.2

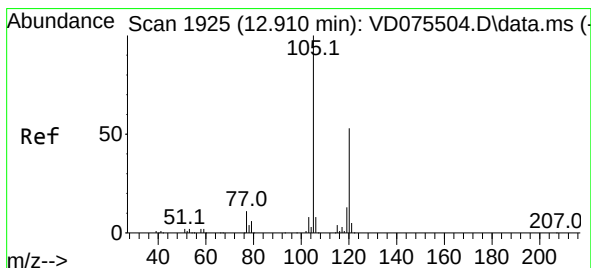
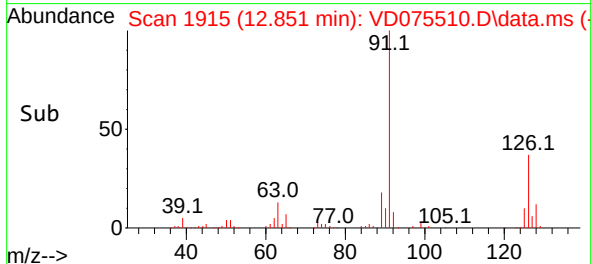
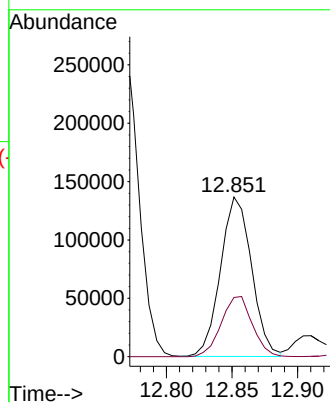
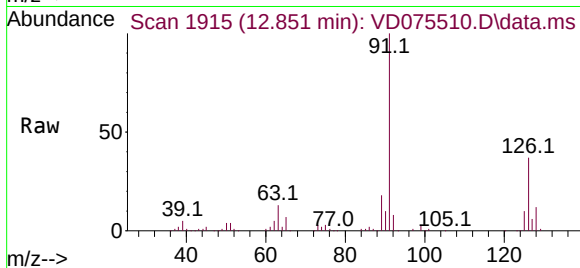




#79
2-Chlorotoluene
Concen: 47.363 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

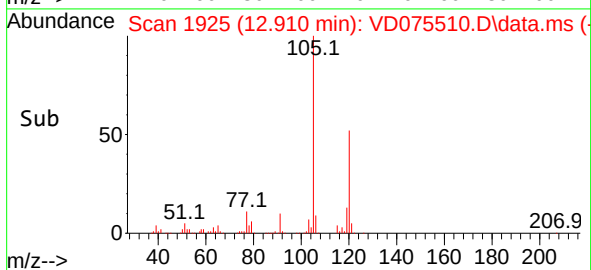
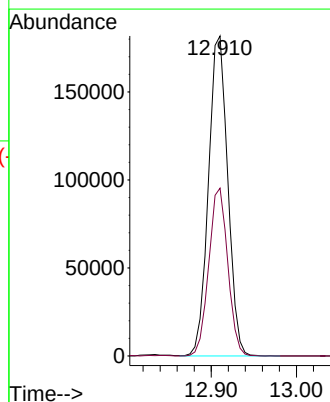
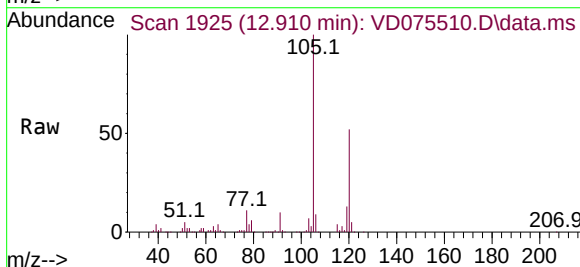
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

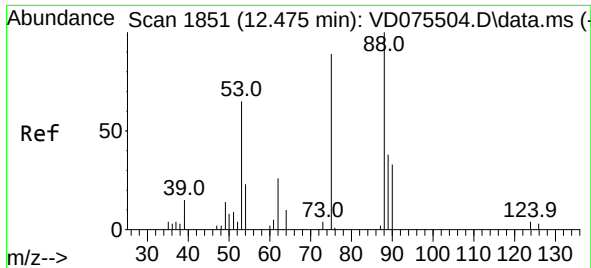
Tgt Ion: 91 Resp: 225310
Ion Ratio Lower Upper
91 100
126 37.9 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 48.225 ug/l
RT: 12.910 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 105 Resp: 285720
Ion Ratio Lower Upper
105 100
120 51.7 24.3 72.8

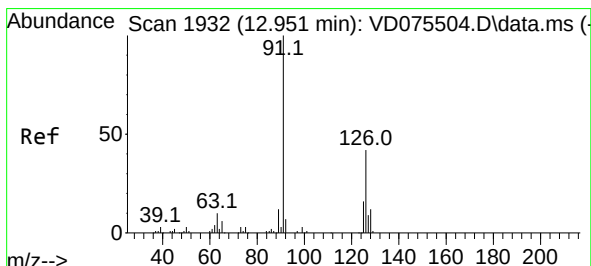
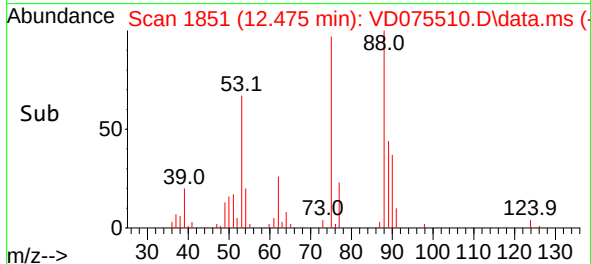
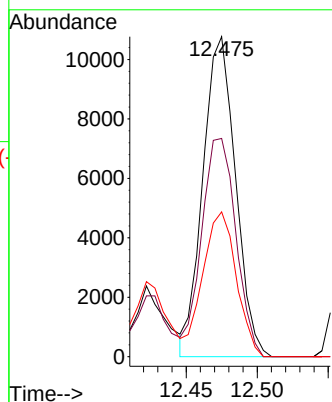
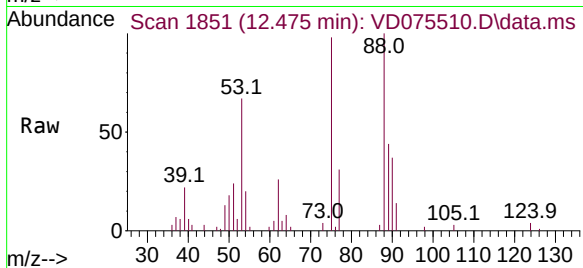




#81
trans-1,4-Dichloro-2-butene
Concen: 48.985 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

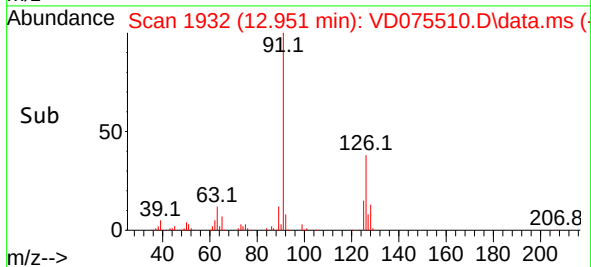
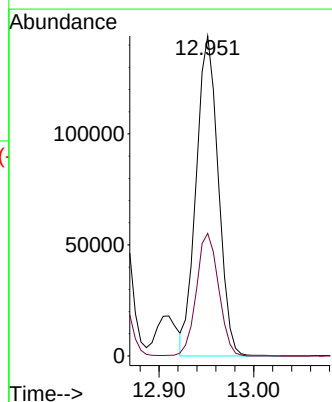
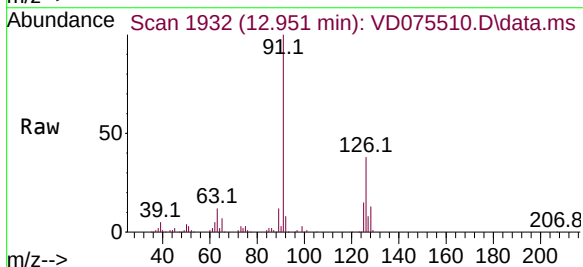
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

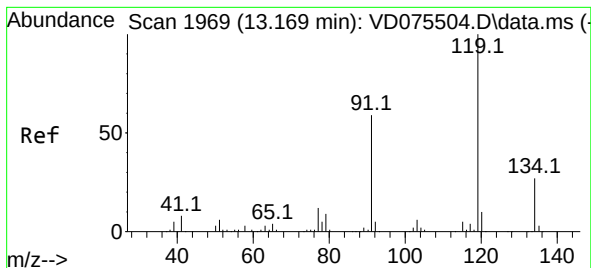
Tgt Ion: 75 Resp: 17232
Ion Ratio Lower Upper
75 100
53 71.7 90.5 135.7#
89 46.7 40.2 60.4



#82
4-Chlorotoluene
Concen: 47.573 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion: 91 Resp: 233530
Ion Ratio Lower Upper
91 100
126 38.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 50.417 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

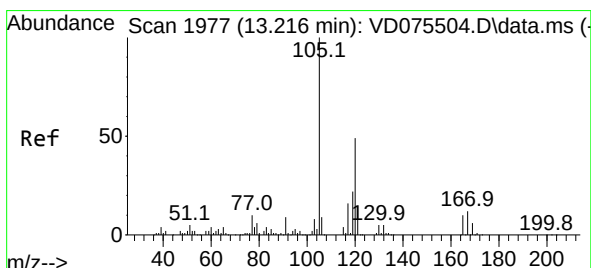
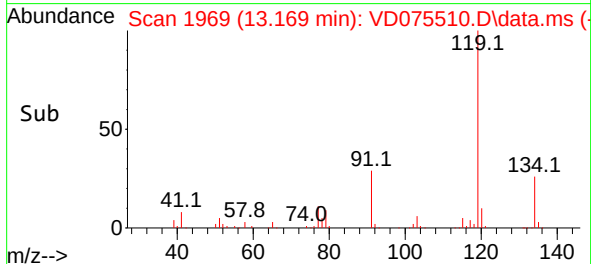
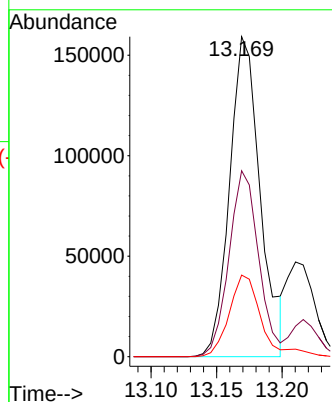
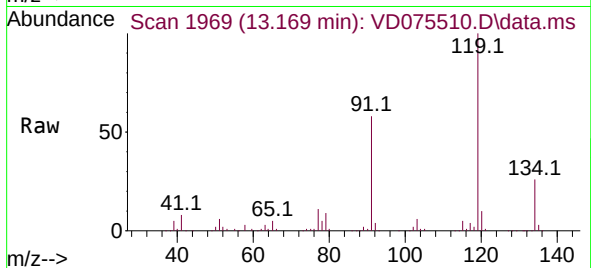
Tgt Ion:119 Resp: 259614

Ion Ratio Lower Upper

119 100

91 56.1 32.4 97.0

134 26.7 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 50.197 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075510.D

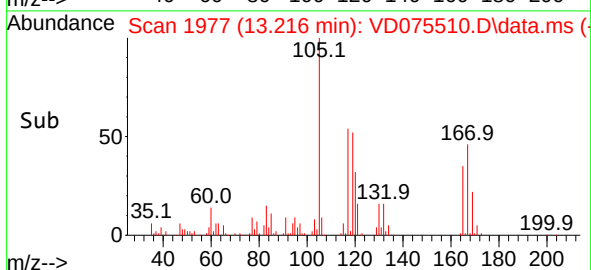
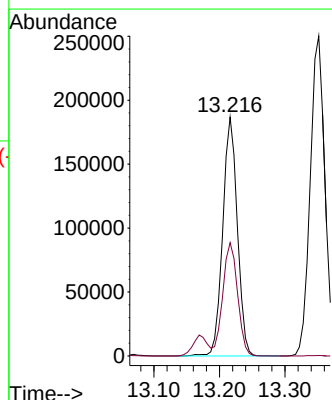
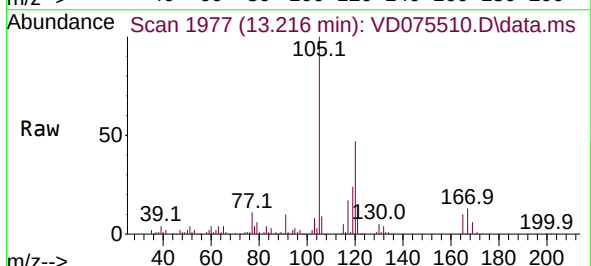
Acq: 13 Mar 2023 16:26

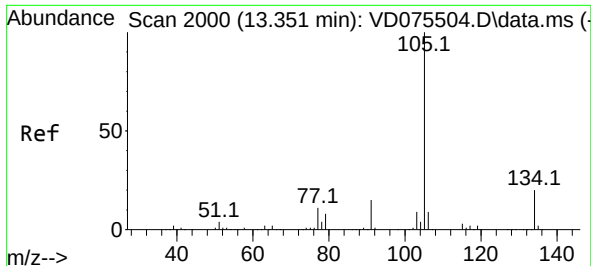
Tgt Ion:105 Resp: 287428

Ion Ratio Lower Upper

105 100

120 48.1 22.3 66.9

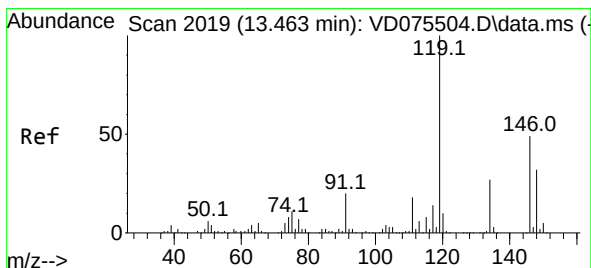
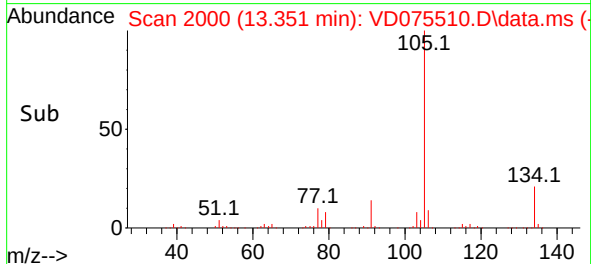
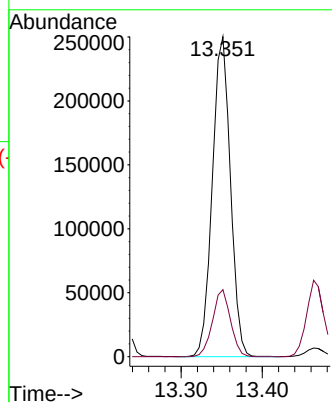
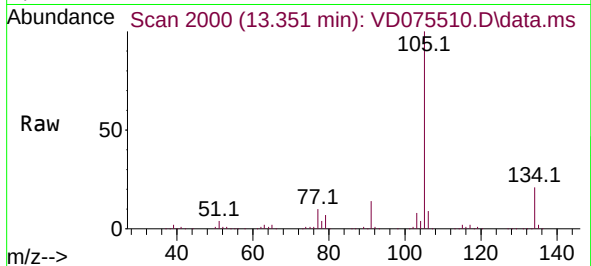




#85
 sec-Butylbenzene
 Concen: 48.567 ug/l
 RT: 13.351 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: VD075510.D
 Acq: 13 Mar 2023 16:26

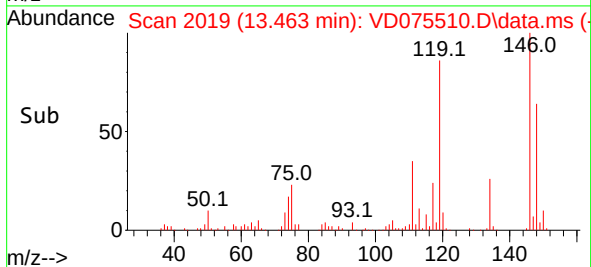
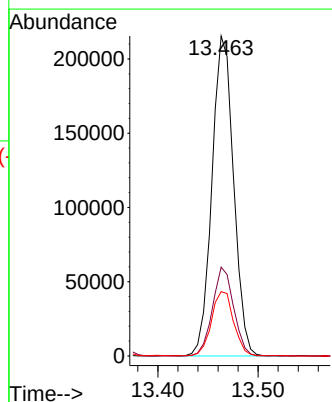
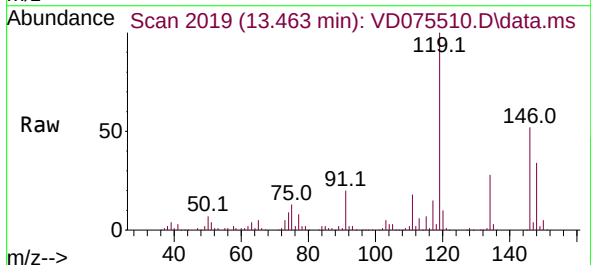
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

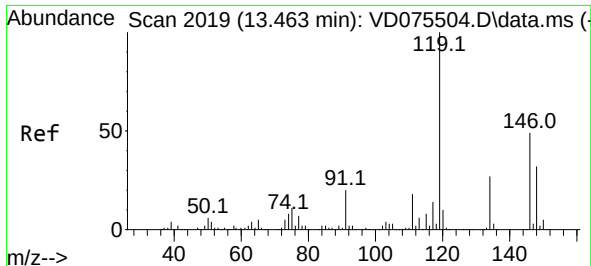
Tgt Ion:105 Resp: 387161
 Ion Ratio Lower Upper
 105 100
 134 20.8 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 49.573 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075510.D
 Acq: 13 Mar 2023 16:26

Tgt Ion:119 Resp: 322922
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.1 39.3
 91 20.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.552 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

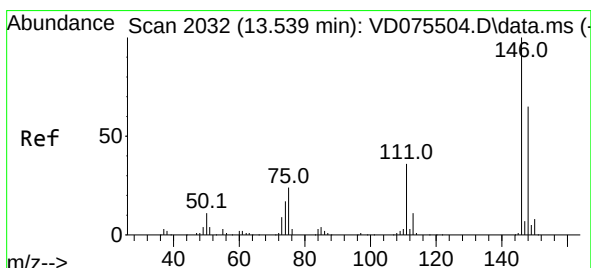
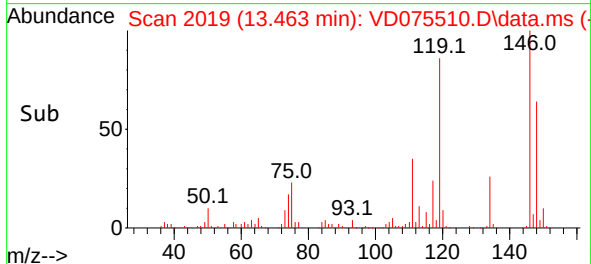
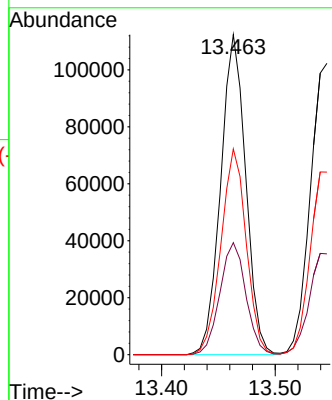
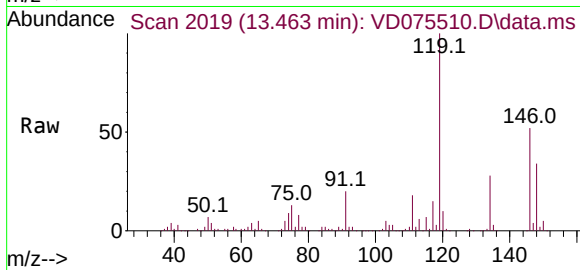
Tgt Ion:146 Resp: 172388

Ion Ratio Lower Upper

146 100

111 36.4 19.8 59.3

148 64.8 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 47.275 ug/l

RT: 13.545 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

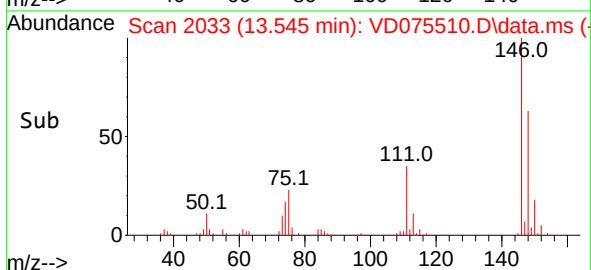
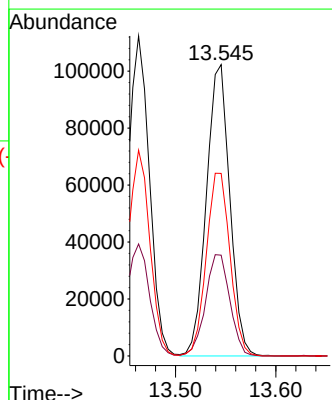
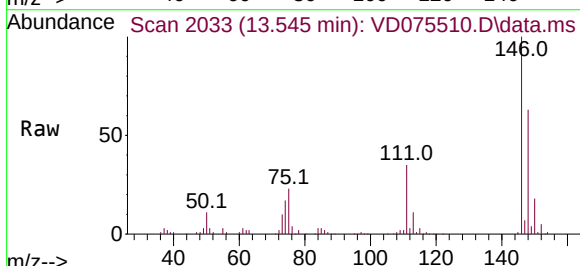
Tgt Ion:146 Resp: 166044

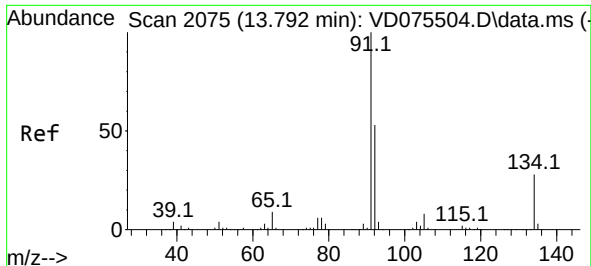
Ion Ratio Lower Upper

146 100

111 36.2 19.6 58.8

148 63.7 31.7 95.1





#89

n-Butylbenzene

Concen: 49.781 ug/l

RT: 13.793 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

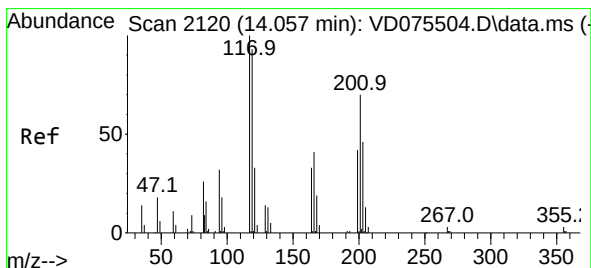
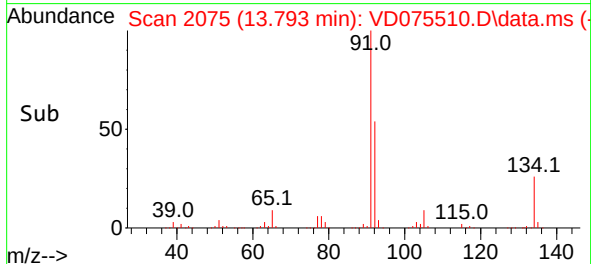
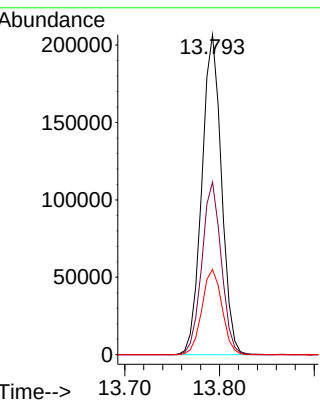
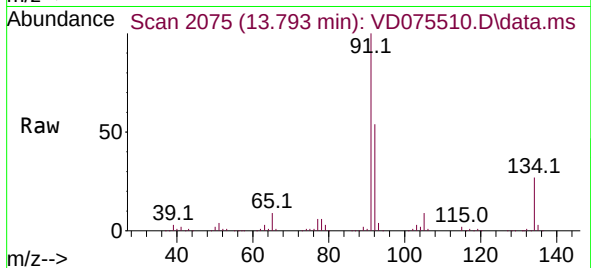
Tgt Ion: 91 Resp: 297394

Ion Ratio Lower Upper

91 100

92 53.5 26.2 78.5

134 27.3 12.7 38.0



#90

Hexachloroethane

Concen: 48.329 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD075510.D

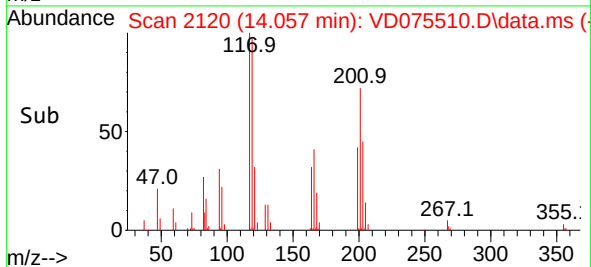
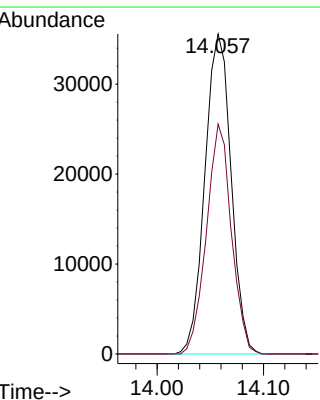
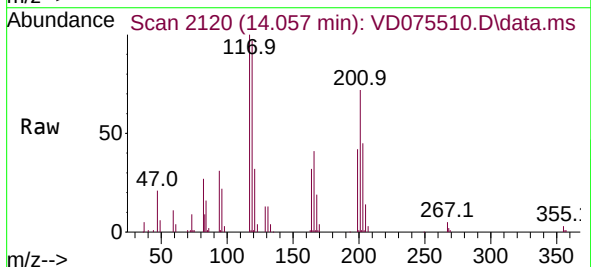
Acq: 13 Mar 2023 16:26

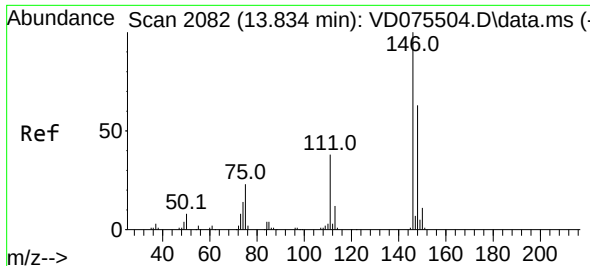
Tgt Ion: 117 Resp: 60790

Ion Ratio Lower Upper

117 100

201 68.3 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 48.360 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

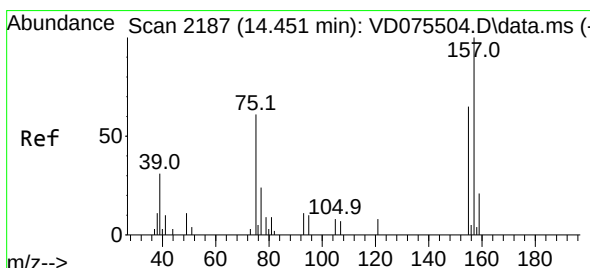
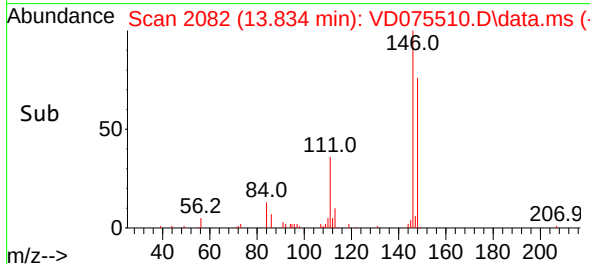
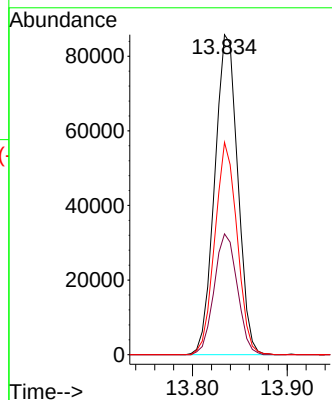
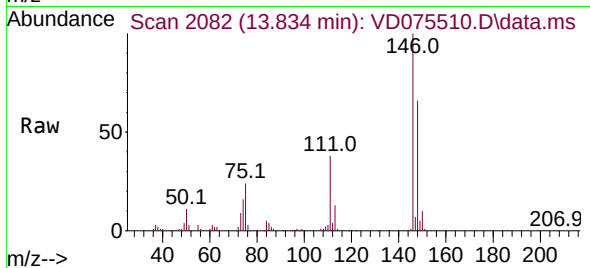
Tgt Ion:146 Resp: 145304

Ion Ratio Lower Upper

146 100

111 37.9 20.6 61.8

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.324 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

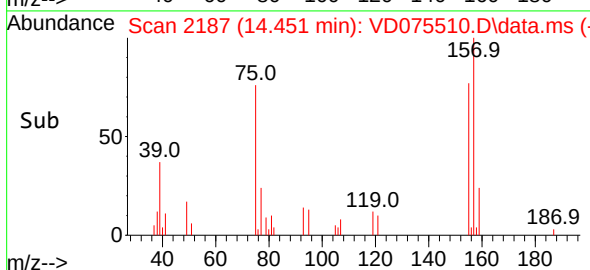
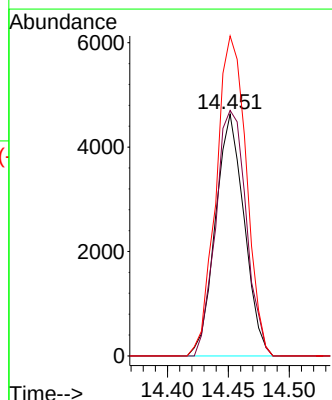
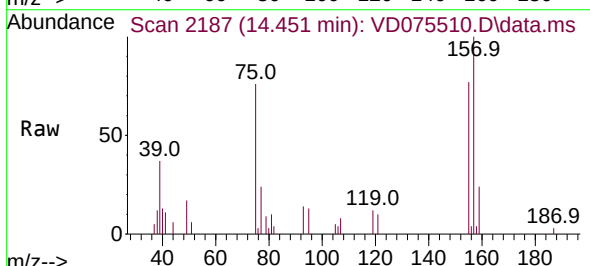
Tgt Ion: 75 Resp: 7606

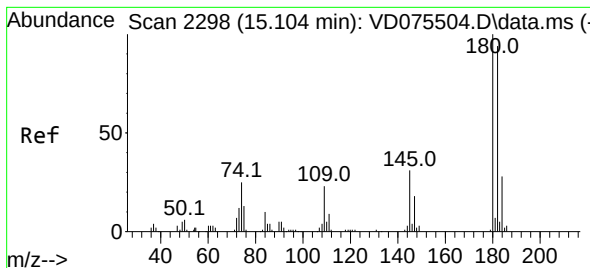
Ion Ratio Lower Upper

75 100

155 108.0 39.5 118.5

157 139.3 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 46.244 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

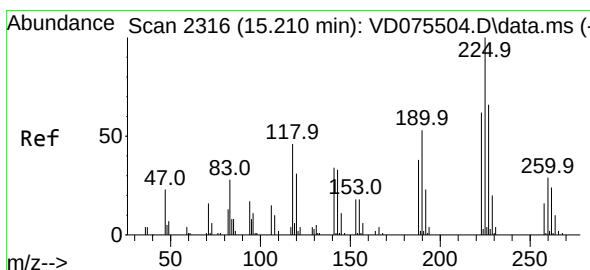
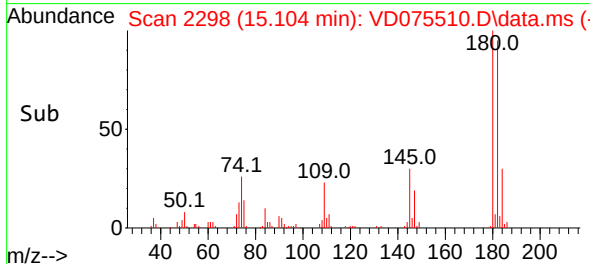
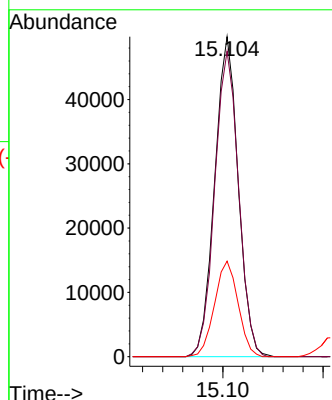
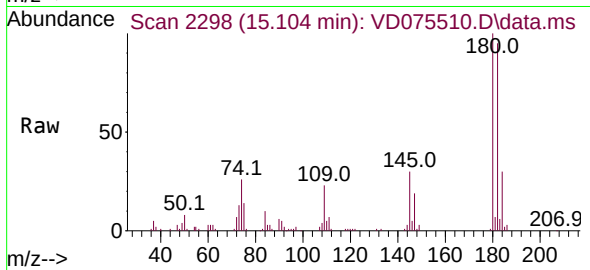
Tgt Ion:180 Resp: 81029

Ion Ratio Lower Upper

180 100

182 96.7 47.9 143.7

145 29.9 15.9 47.7



#94

Hexachlorobutadiene

Concen: 48.055 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.000 min

Lab File: VD075510.D

Acq: 13 Mar 2023 16:26

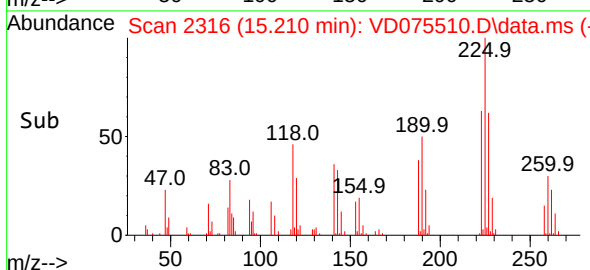
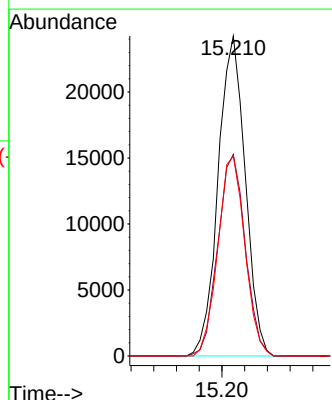
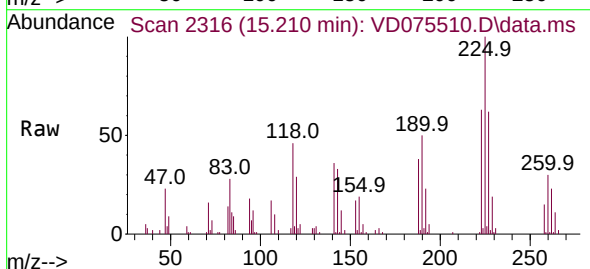
Tgt Ion:225 Resp: 40160

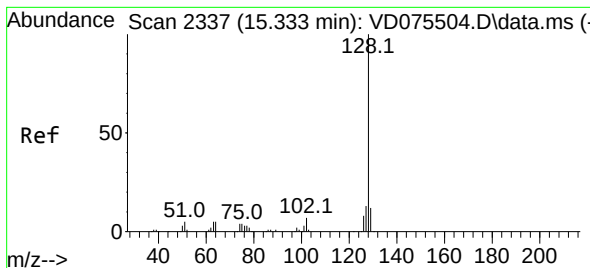
Ion Ratio Lower Upper

225 100

223 63.5 33.1 99.2

227 62.1 31.9 95.9

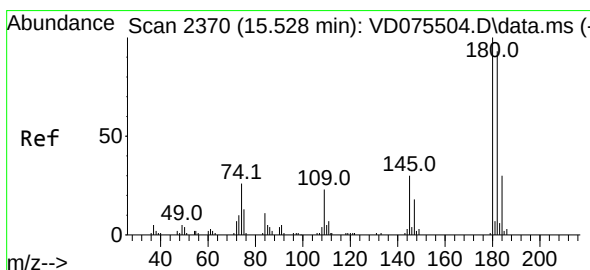
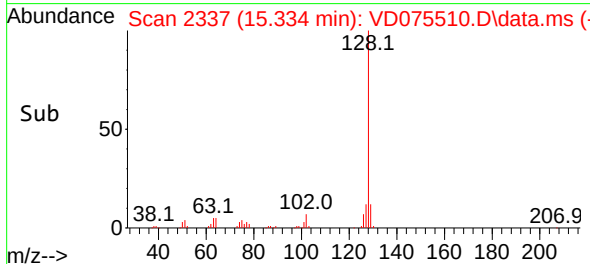
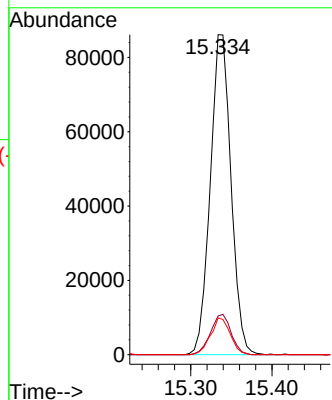
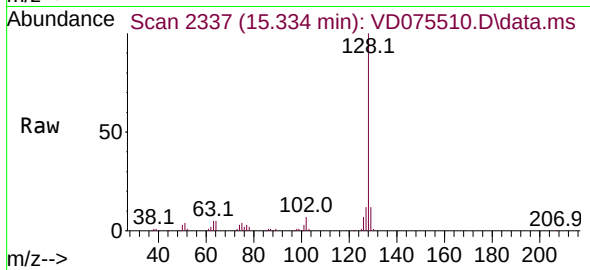




#95
Naphthalene
Concen: 47.487 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 152744
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 46.745 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.000 min
Lab File: VD075510.D
Acq: 13 Mar 2023 16:26

Tgt Ion:180 Resp: 70675
Ion Ratio Lower Upper
180 100
182 93.8 47.7 143.1
145 31.6 16.4 49.4

