

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
 Data File : VD078152.D
 Acq On : 11 Jan 2024 16:44
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 12 00:38:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	97983	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	163613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	156350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	78562	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	49939	48.412	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.820%
35) Dibromofluoromethane	7.810	113	55229	46.838	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.680%
50) Toluene-d8	10.269	98	193918	49.037	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.575	95	62535	45.427	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.940	85	34102	41.738	ug/l	93
3) Chloromethane	2.158	50	52300	41.977	ug/l	95
4) Vinyl Chloride	2.293	62	73827	42.137	ug/l	97
5) Bromomethane	2.705	94	53987	40.135	ug/l	96
6) Chloroethane	2.852	64	57618	44.289	ug/l	97
7) Trichlorofluoromethane	3.193	101	85918	44.626	ug/l	91
8) Diethyl Ether	3.599	74	25650	50.808	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.981	101	51958	45.403	ug/l	96
10) Methyl Iodide	4.175	142	46157	42.536	ug/l	# 86
11) Tert butyl alcohol	5.040	59	12771	243.020	ug/l	# 73
12) 1,1-Dichloroethene	3.952	96	45435	46.887	ug/l	86
13) Acrolein	3.811	56	12030	143.356	ug/l	97
14) Allyl chloride	4.569	41	58025	44.824	ug/l	# 86
15) Acrylonitrile	5.252	53	60242	255.056	ug/l	97
16) Acetone	4.028	43	53102	223.672	ug/l	# 80
17) Carbon Disulfide	4.281	76	95785	44.351	ug/l	99
18) Methyl Acetate	4.575	43	50952	54.875	ug/l	92
19) Methyl tert-butyl Ether	5.316	73	118301	50.672	ug/l	92
20) Methylene Chloride	4.811	84	64067	51.655	ug/l	91
21) trans-1,2-Dichloroethene	5.322	96	53896	48.871	ug/l	94
22) Diisopropyl ether	6.222	45	151727	49.845	ug/l	95
23) Vinyl Acetate	6.158	43	339073	247.966	ug/l	93
24) 1,1-Dichloroethane	6.122	63	102129	48.088	ug/l	96
25) 2-Butanone	7.075	43	73944	232.050	ug/l	# 75
26) 2,2-Dichloropropane	7.075	77	88853	46.770	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	66572	49.099	ug/l	93
28) Bromochloromethane	7.434	49	44866	58.264	ug/l	# 79
29) Tetrahydrofuran	7.452	42	41412	247.716	ug/l	86
30) Chloroform	7.599	83	112814	49.007	ug/l	100
31) Cyclohexane	7.881	56	67179	43.041	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	96233	48.329	ug/l	99
36) 1,1-Dichloropropene	8.010	75	73510	46.171	ug/l	98
37) Ethyl Acetate	7.169	43	28717	45.829	ug/l	93
38) Carbon Tetrachloride	7.999	117	82843	45.179	ug/l	97
39) Methylcyclohexane	9.275	83	78403	44.747	ug/l	91
40) Benzene	8.252	78	222812	46.885	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	19502	53.019	ug/l #	82
42) 1,2-Dichloroethane	8.322	62	64691	48.371	ug/l	94
43) Isopropyl Acetate	8.363	43	56715	46.951	ug/l	92
44) Trichloroethene	9.028	130	58263	45.341	ug/l	95
45) 1,2-Dichloropropane	9.304	63	58773	47.952	ug/l	99
46) Dibromomethane	9.399	93	32187	47.468	ug/l	92
47) Bromodichloromethane	9.587	83	87963	48.794	ug/l	90
48) Methyl methacrylate	9.381	41	34323	51.415	ug/l #	75
49) 1,4-Dioxane	9.387	88	5292	892.783	ug/l #	80
51) 4-Methyl-2-Pentanone	10.163	43	160445	256.360	ug/l	91
52) Toluene	10.334	92	145880	48.604	ug/l	94
53) t-1,3-Dichloropropene	10.557	75	76541	47.838	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	90623	49.642	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	47455	49.897	ug/l	95
56) Ethyl methacrylate	10.599	69	36230	48.881	ug/l #	78
57) 1,3-Dichloropropane	10.881	76	78076	50.579	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	96135	284.059	ug/l	96
59) 2-Hexanone	10.922	43	114978	244.345	ug/l	86
60) Dibromochloromethane	11.075	129	58159	48.397	ug/l	97
61) 1,2-Dibromoethane	11.181	107	41433	47.319	ug/l	100
64) Tetrachloroethene	10.816	164	43942	41.509	ug/l	94
65) Chlorobenzene	11.610	112	158685	44.112	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	63138	45.183	ug/l	96
67) Ethyl Benzene	11.687	91	287133	45.451	ug/l	94
68) m/p-Xylenes	11.798	106	217045	89.131	ug/l	89
69) o-Xylene	12.122	106	102807	45.591	ug/l	91
70) Styrene	12.140	104	157541	45.957	ug/l	93
71) Bromoform	12.304	173	32152	45.523	ug/l #	98
73) Isopropylbenzene	12.422	105	280018	44.827	ug/l	94
74) N-amyl acetate	12.234	43	52538	45.986	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	55186	46.949	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	38178m	49.359	ug/l	
77) Bromobenzene	12.704	156	62345	43.447	ug/l	88
78) n-propylbenzene	12.763	91	341807	45.143	ug/l	95
79) 2-Chlorotoluene	12.851	91	180812	44.882	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	232504	44.848	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	16853	48.557	ug/l	92
82) 4-Chlorotoluene	12.951	91	194319	44.844	ug/l	95
83) tert-Butylbenzene	13.169	119	199661	43.990	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	238073	46.257	ug/l	94
85) sec-Butylbenzene	13.345	105	300162	45.138	ug/l	96
86) p-Isopropyltoluene	13.463	119	257148	43.672	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	136026	45.688	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	128831	43.808	ug/l	96
89) n-Butylbenzene	13.792	91	249254	44.577	ug/l	97
90) Hexachloroethane	14.057	117	52252	43.176	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	114044	44.404	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7918	49.713	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	70563	44.370	ug/l	96
94) Hexachlorobutadiene	15.210	225	37354	41.631	ug/l	99
95) Naphthalene	15.334	128	135880	48.197	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	63437	46.773	ug/l	98

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Response via : Initial Calibration

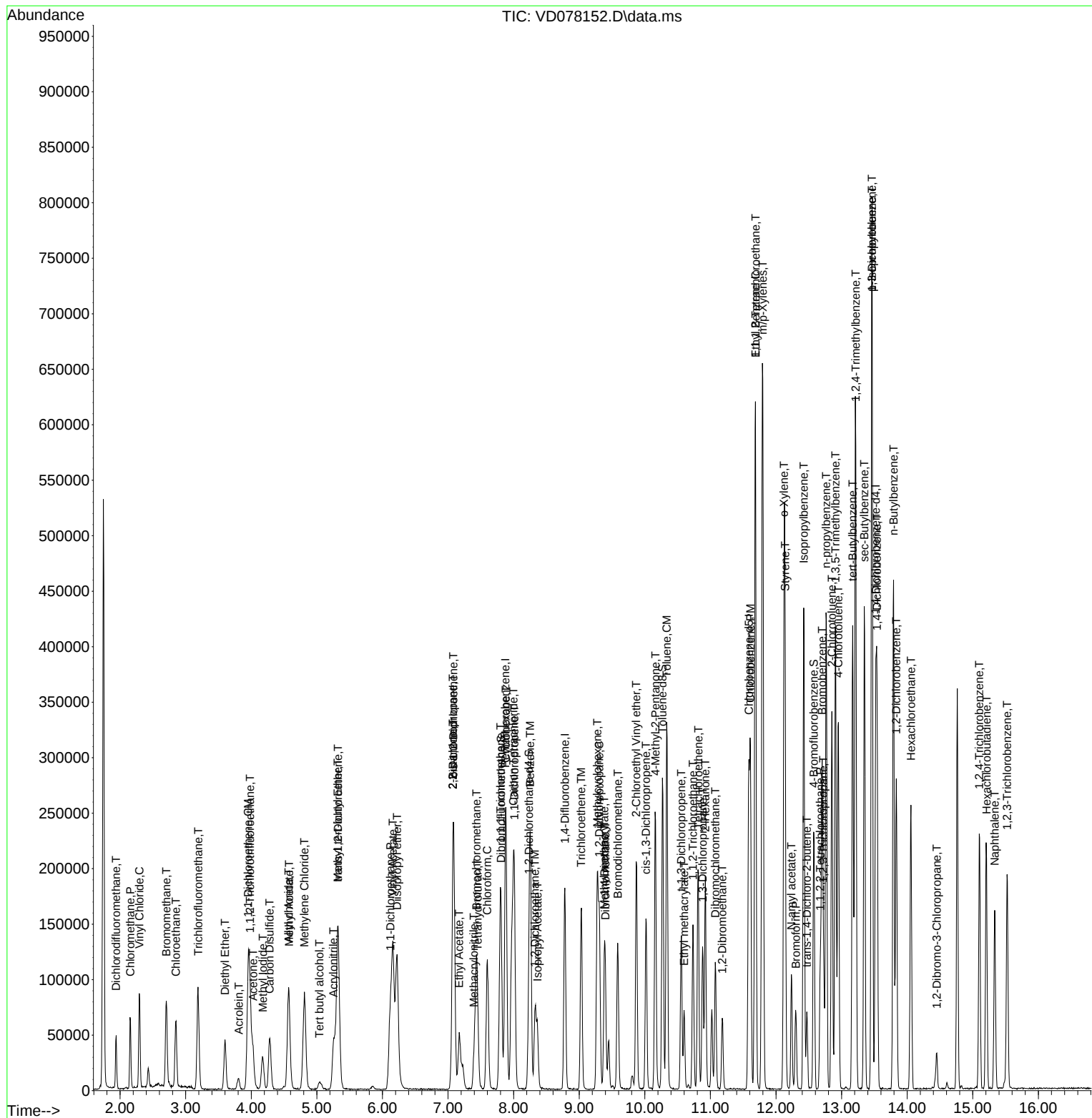
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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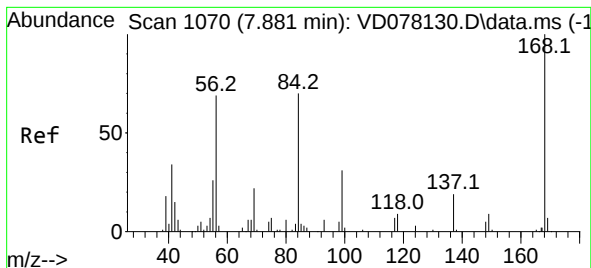
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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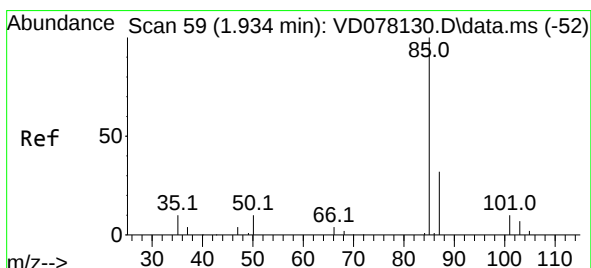
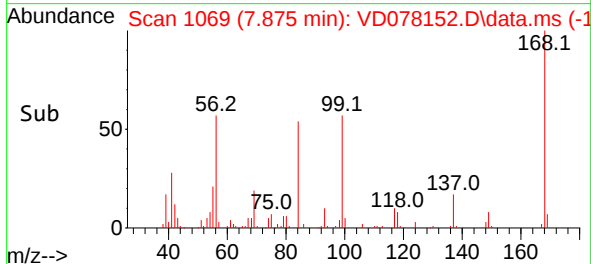
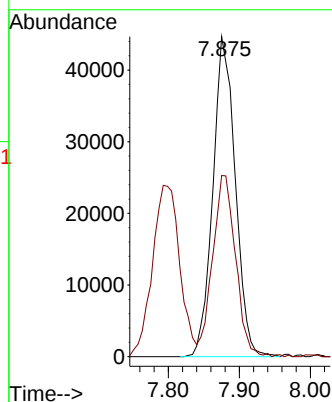
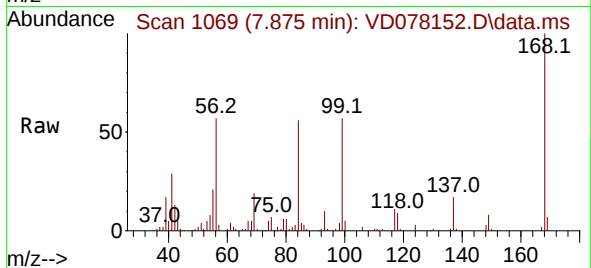




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD078152.D
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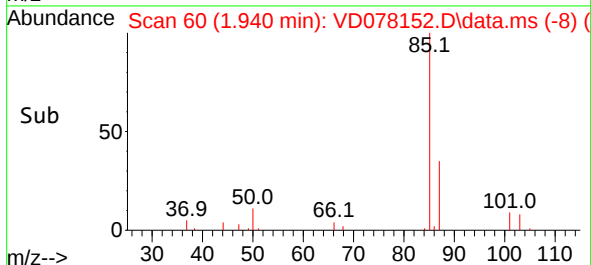
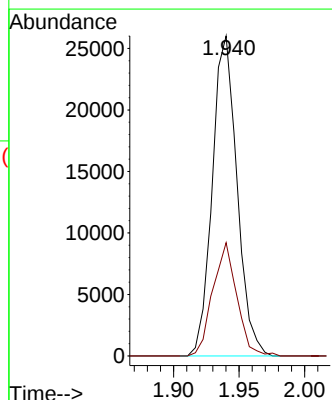
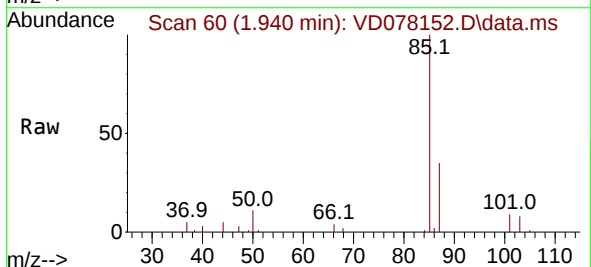
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

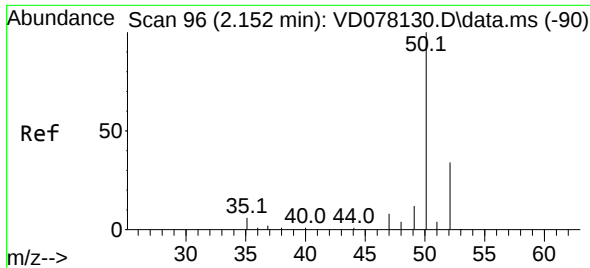
Tgt Ion:168 Resp: 97983
Ion Ratio Lower Upper
168 100
99 56.0 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 41.738 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion: 85 Resp: 34102
Ion Ratio Lower Upper
85 100
87 35.4 15.7 47.0

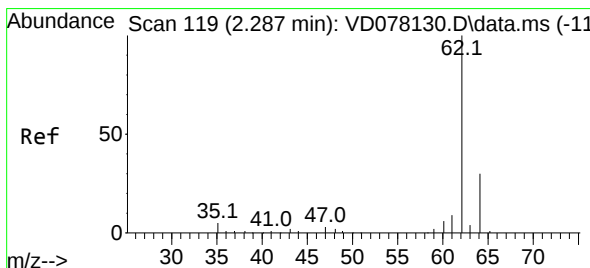
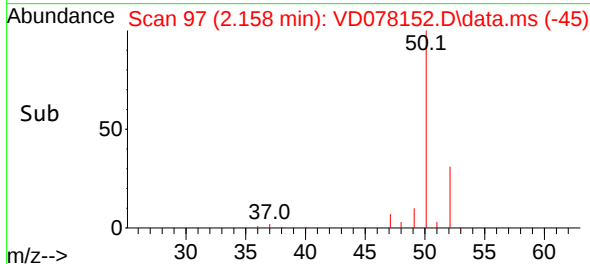
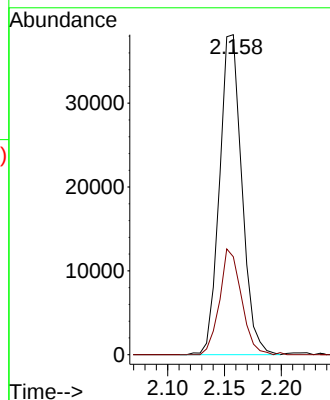
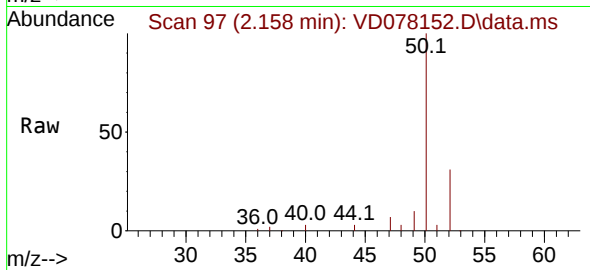




#3
Chloromethane
Concen: 41.977 ug/l
RT: 2.158 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

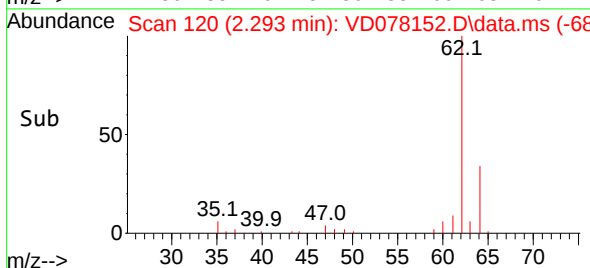
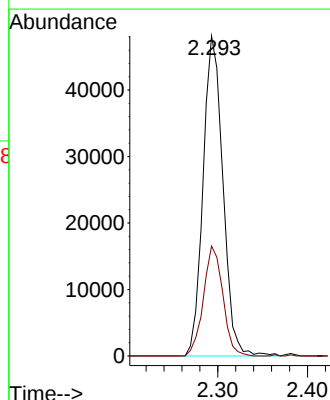
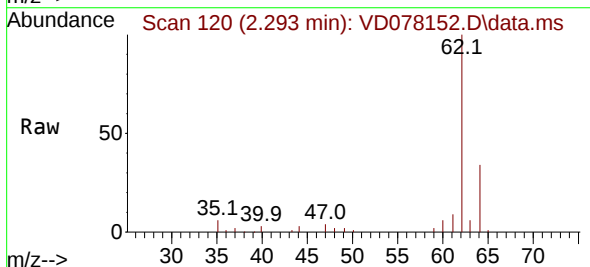
Instrument :
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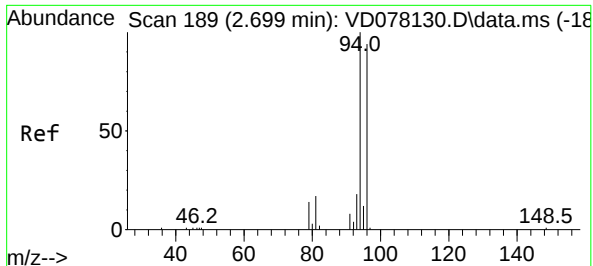
Tgt Ion: 50 Resp: 52300
Ion Ratio Lower Upper
50 100
52 30.6 26.6 40.0



#4
Vinyl Chloride
Concen: 42.137 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion: 62 Resp: 73827
Ion Ratio Lower Upper
62 100
64 34.4 26.0 39.0

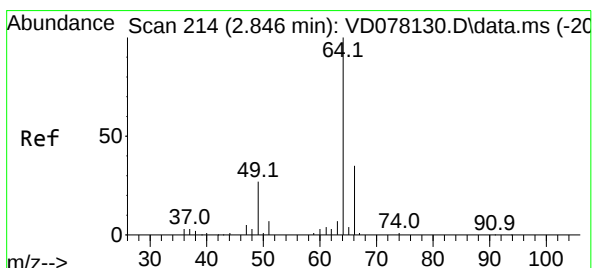
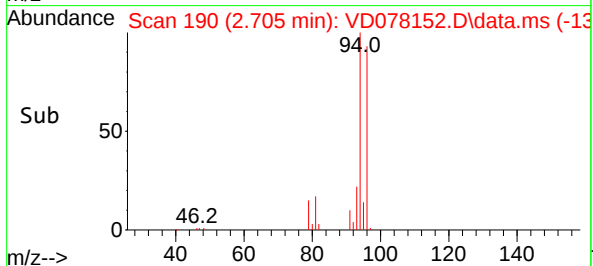
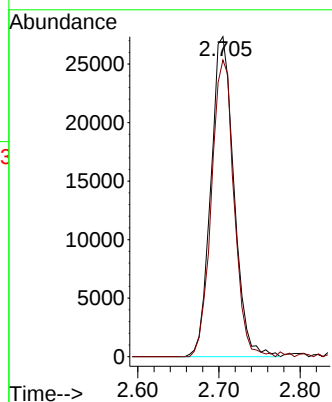
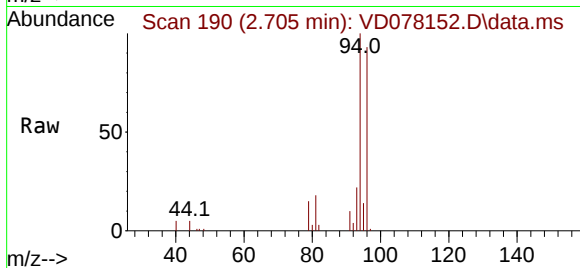




#5
Bromomethane
Concen: 40.135 ug/l
RT: 2.705 min Scan# 190
Delta R.T. 0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

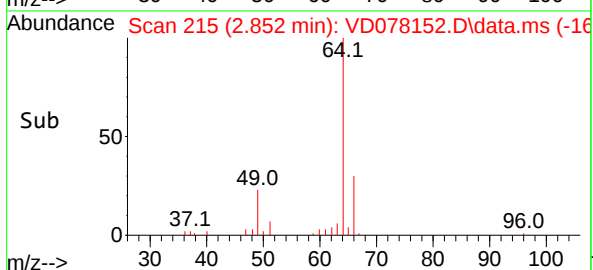
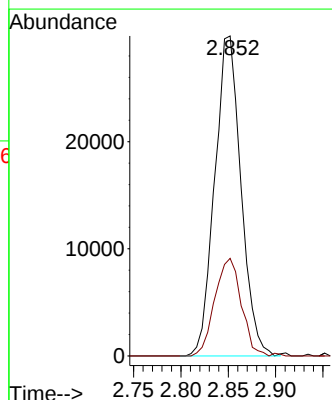
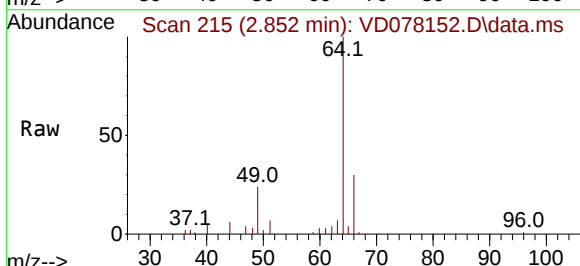
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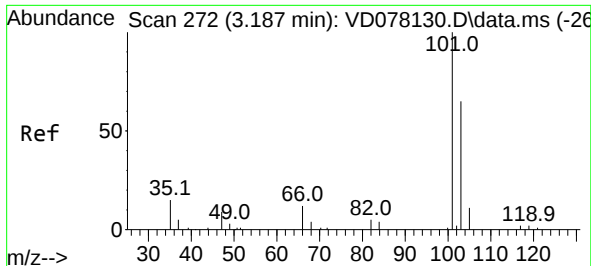
Tgt Ion: 94 Resp: 53987
Ion Ratio Lower Upper
94 100
96 90.9 75.8 113.8



#6
Chloroethane
Concen: 44.289 ug/l
RT: 2.852 min Scan# 215
Delta R.T. 0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion: 64 Resp: 57618
Ion Ratio Lower Upper
64 100
66 30.5 25.5 38.3

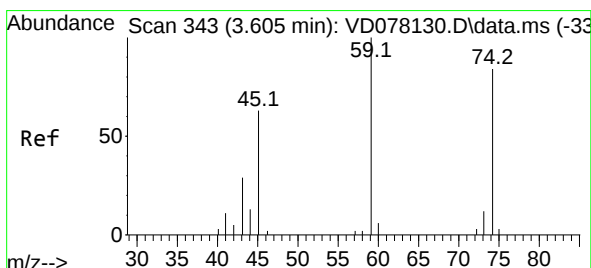
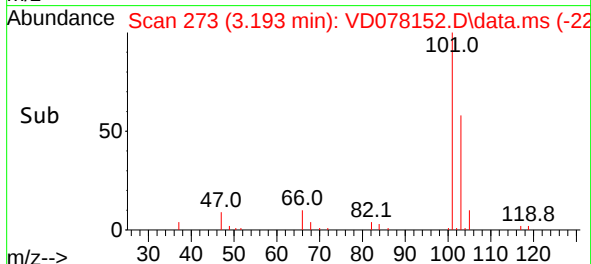
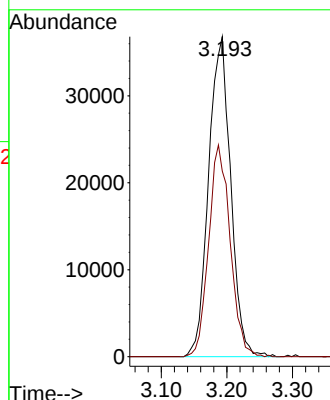
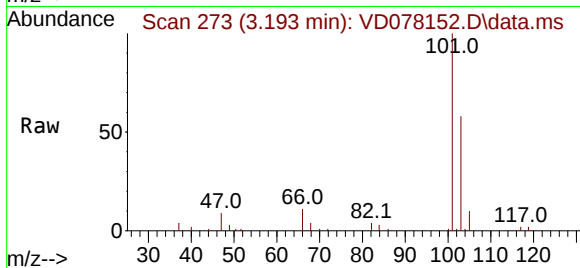




#7
Trichlorofluoromethane
Concen: 44.626 ug/l
RT: 3.193 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

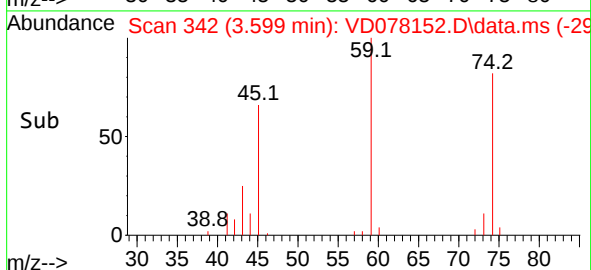
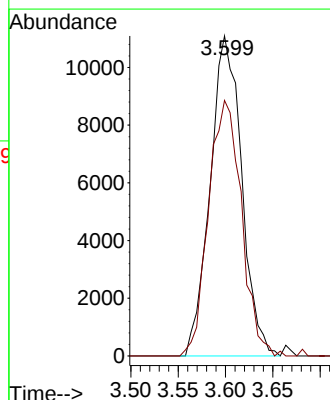
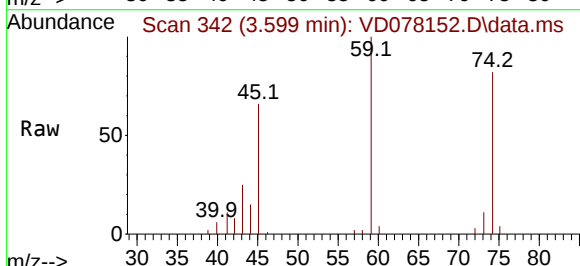
Instrument :
MSVOA_D
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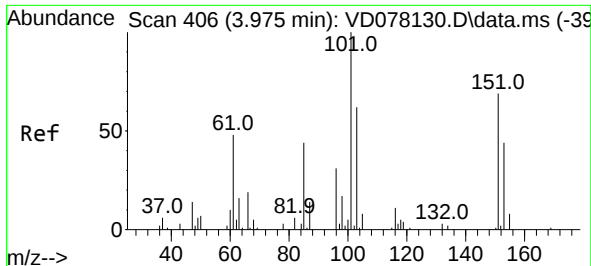
Tgt Ion:101 Resp: 85918
Ion Ratio Lower Upper
101 100
103 58.0 52.3 78.5



#8
Diethyl Ether
Concen: 50.808 ug/l
RT: 3.599 min Scan# 342
Delta R.T. -0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion: 74 Resp: 25650
Ion Ratio Lower Upper
74 100
45 83.4 37.5 112.7

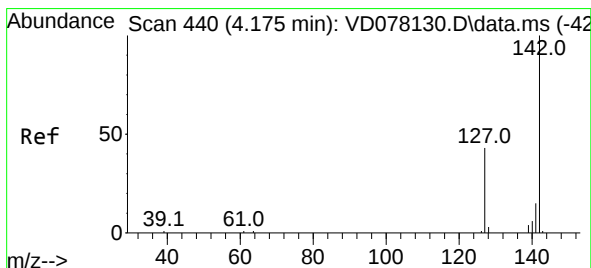
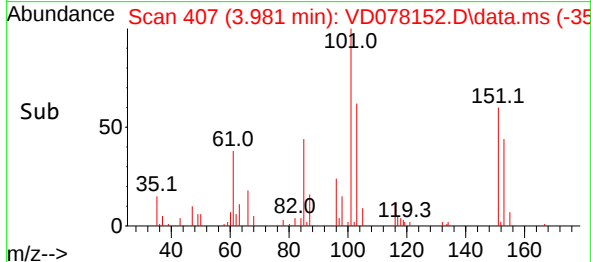
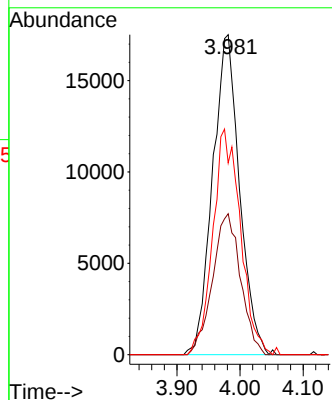
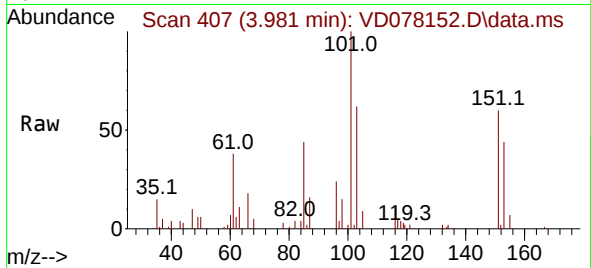




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.403 ug/l
RT: 3.981 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

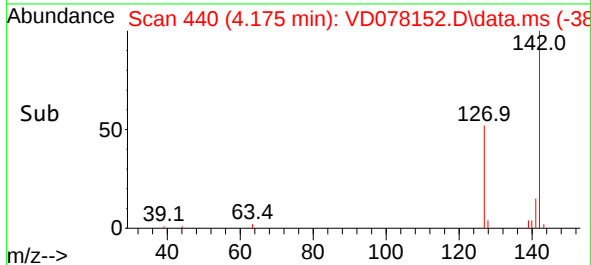
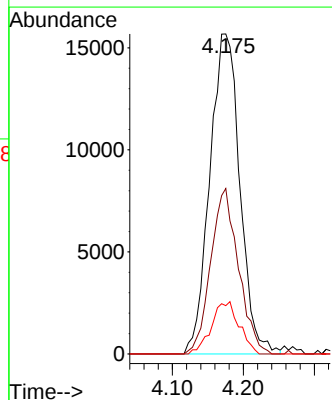
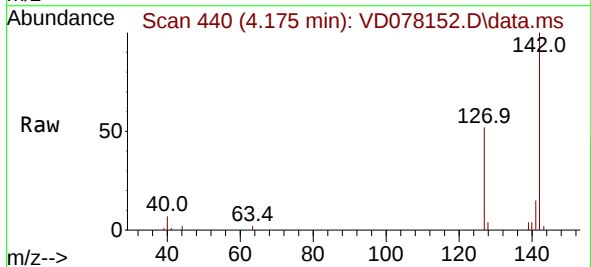
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

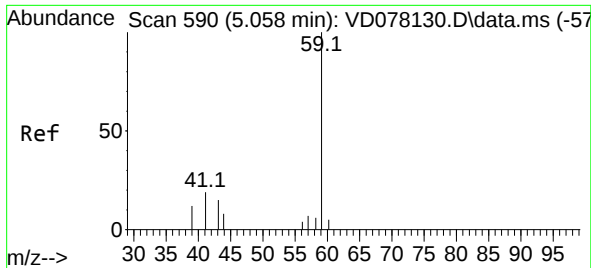
Tgt Ion:101 Resp: 51958
Ion Ratio Lower Upper
101 100
85 45.8 33.8 50.6
151 72.0 59.8 89.6



#10
Methyl Iodide
Concen: 42.536 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion:142 Resp: 46157
Ion Ratio Lower Upper
142 100
127 47.7 29.4 44.0#
141 15.1 11.1 16.7

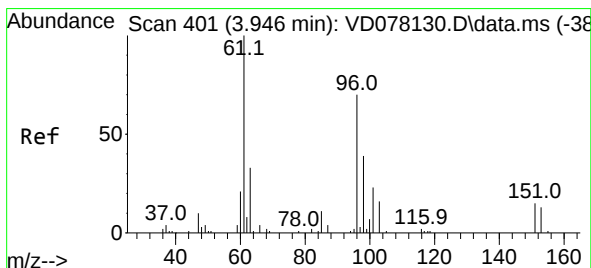
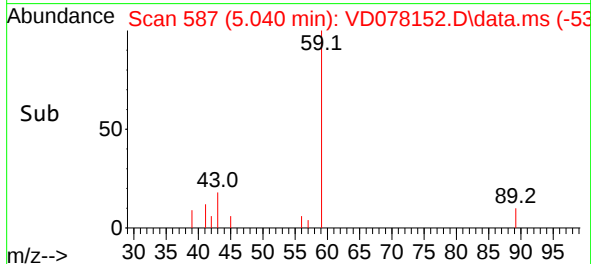
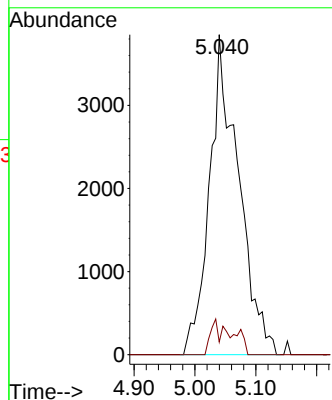
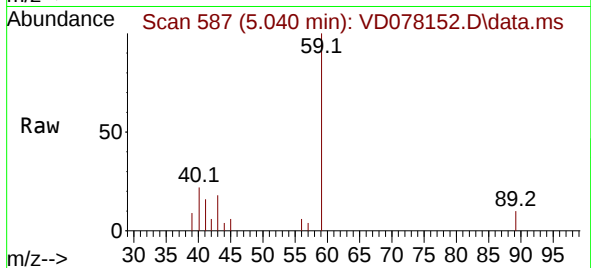




#11
Tert butyl alcohol
Concen: 243.020 ug/l
RT: 5.040 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

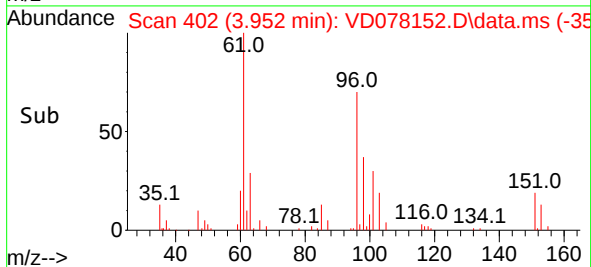
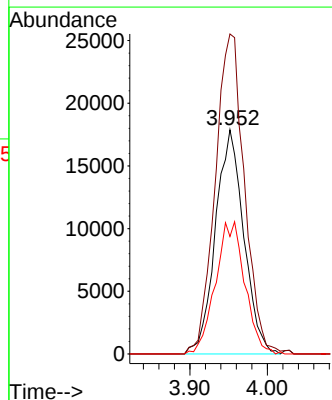
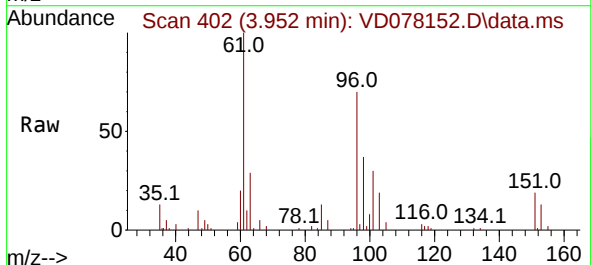
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

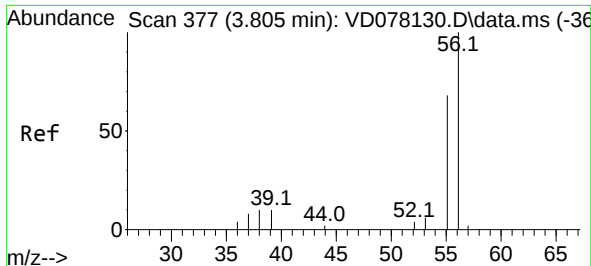
Tgt Ion: 59 Resp: 12771
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 46.887 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion: 96 Resp: 45435
Ion Ratio Lower Upper
96 100
61 142.7 100.6 150.8
98 52.4 50.2 75.2





#13

Acrolein

Concen: 143.356 ug/l

RT: 3.811 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

Instrument :

MSVOA_D

ClientSampleId :

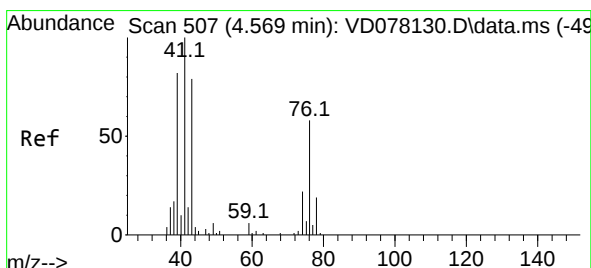
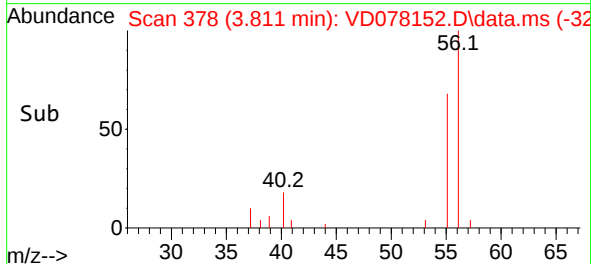
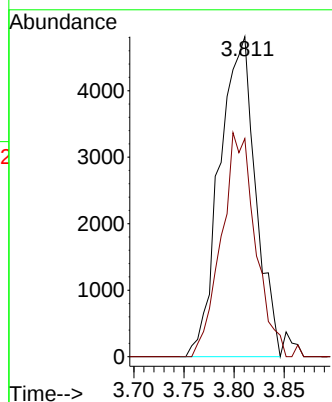
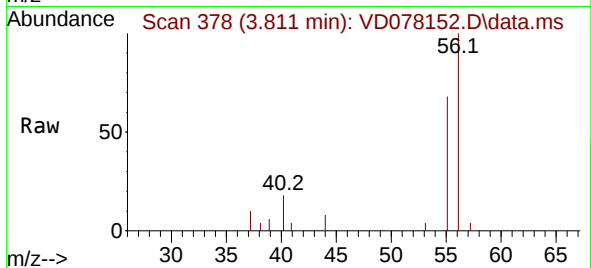
VSTDCCC050EC

Tgt Ion: 56 Resp: 12030

Ion Ratio Lower Upper

56 100

55 66.2 55.1 82.7



#14

Allyl chloride

Concen: 44.824 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.000 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

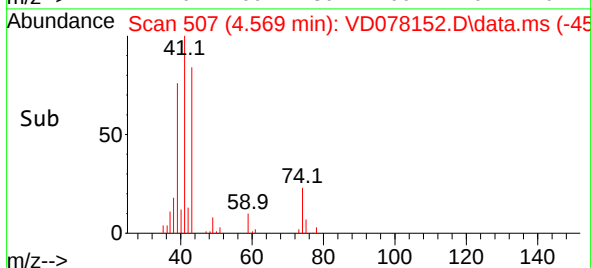
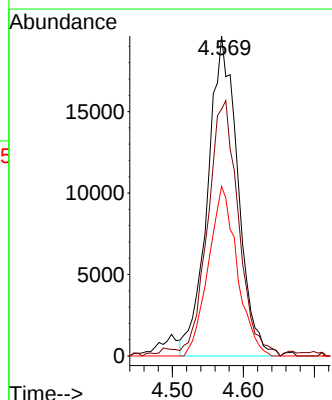
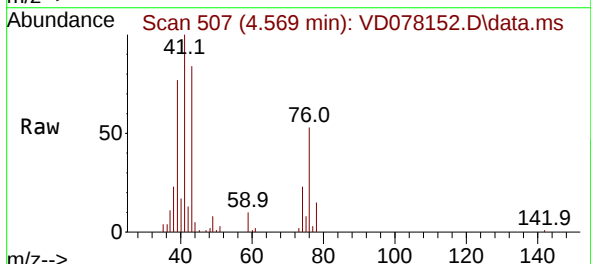
Tgt Ion: 41 Resp: 58025

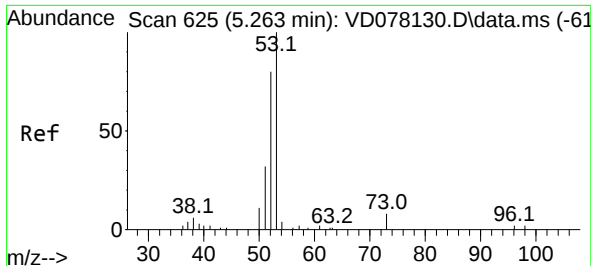
Ion Ratio Lower Upper

41 100

39 80.9 53.8 80.6#

76 50.4 45.8 68.8

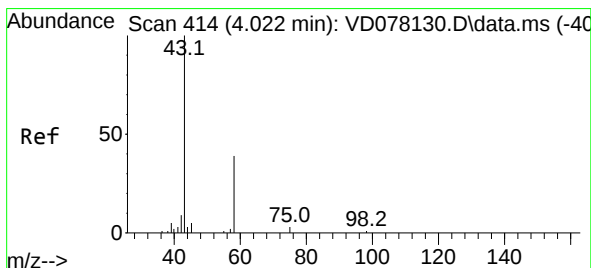
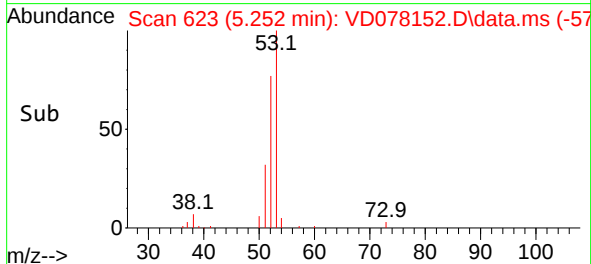
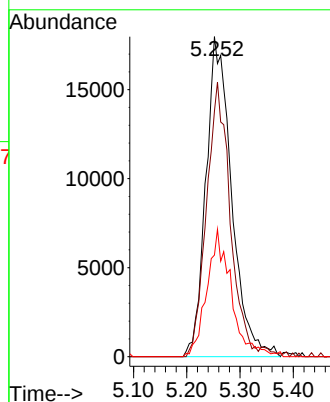
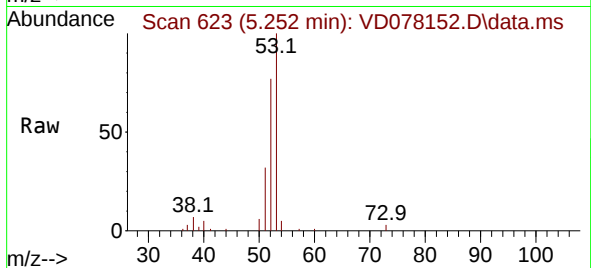




#15
Acrylonitrile
Concen: 255.056 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

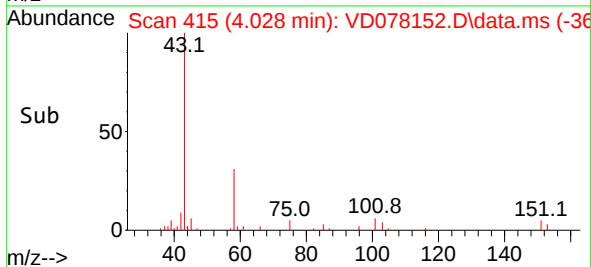
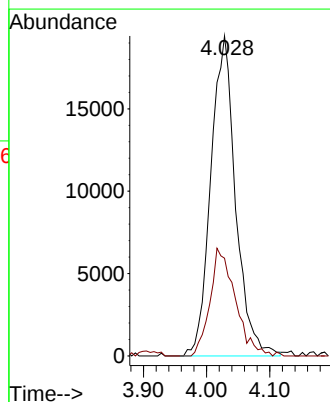
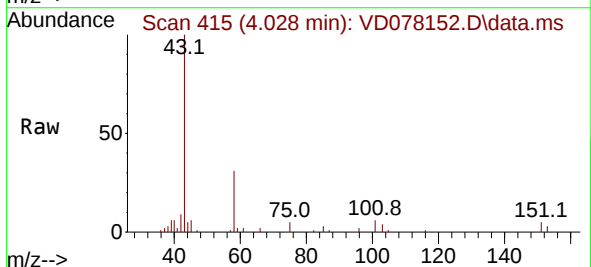
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

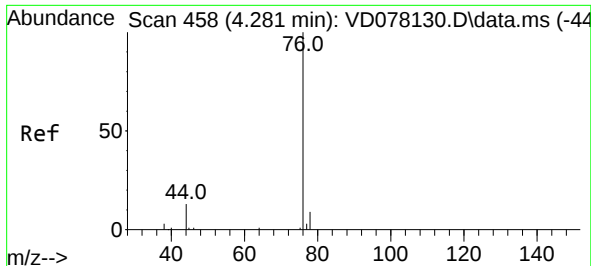
Tgt Ion: 53 Resp: 60242
Ion Ratio Lower Upper
53 100
52 78.4 65.0 97.4
51 37.9 28.3 42.5



#16
Acetone
Concen: 223.672 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion: 43 Resp: 53102
Ion Ratio Lower Upper
43 100
58 30.6 34.7 52.1#

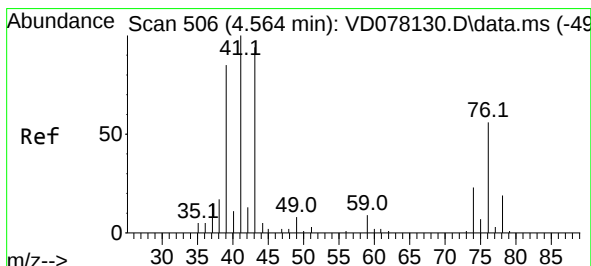
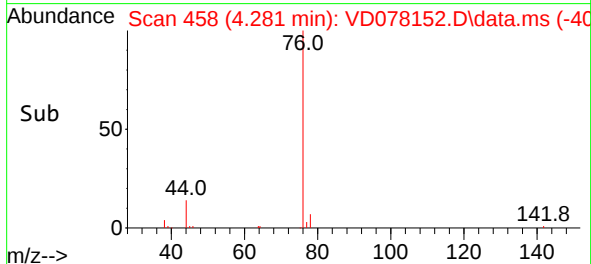
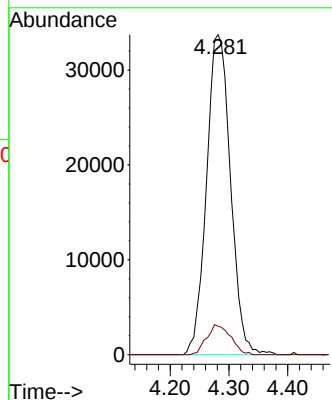
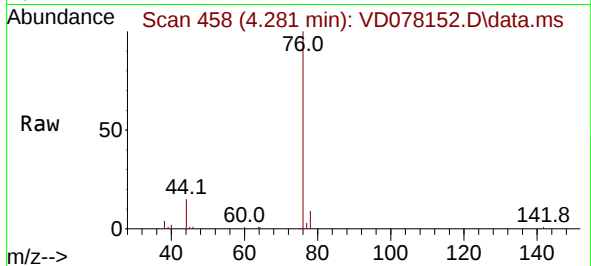




#17
Carbon Disulfide
Concen: 44.351 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

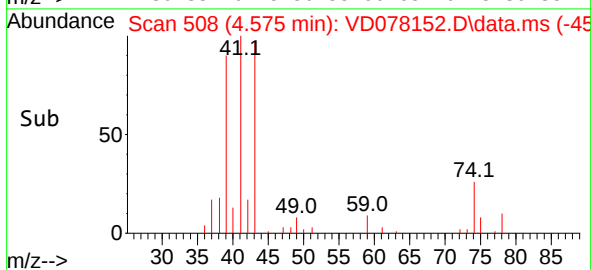
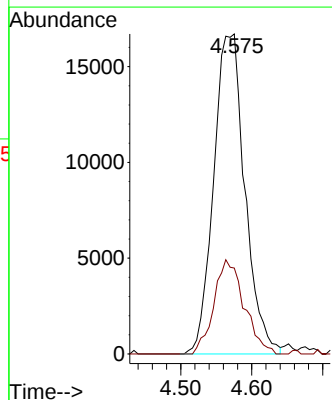
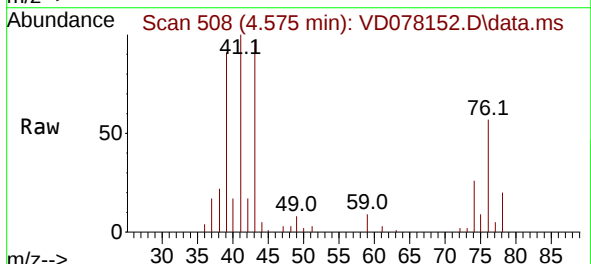
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

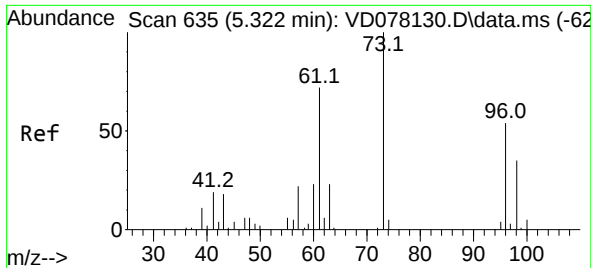
Tgt Ion: 76 Resp: 95785
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 54.875 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion: 43 Resp: 50952
Ion Ratio Lower Upper
43 100
74 28.5 26.4 39.6

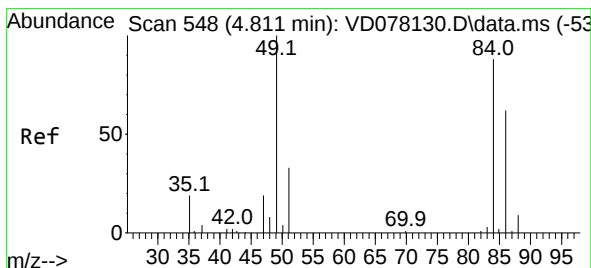
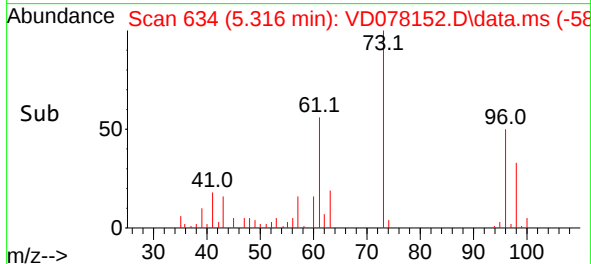
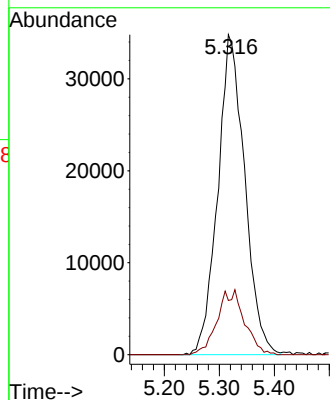
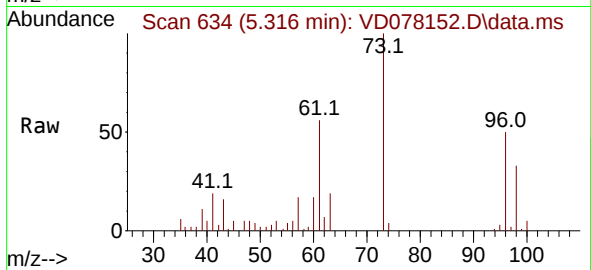




#19
Methyl tert-butyl Ether
Concen: 50.672 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

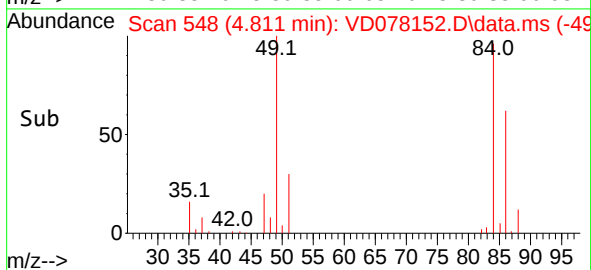
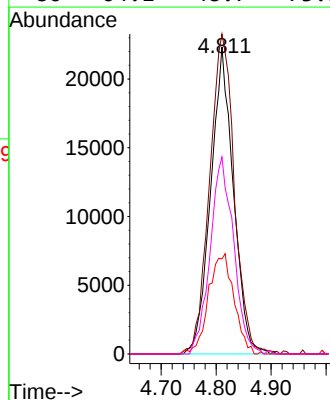
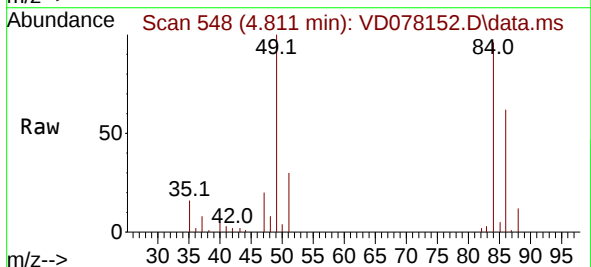
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

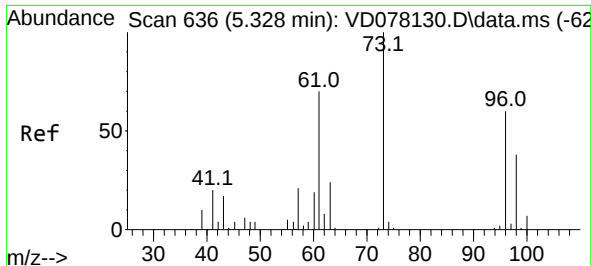
Tgt Ion: 73 Resp: 118301
Ion Ratio Lower Upper
73 100
57 16.9 16.6 25.0



#20
Methylene Chloride
Concen: 51.655 ug/l
RT: 4.811 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion: 84 Resp: 64067
Ion Ratio Lower Upper
84 100
49 104.2 71.4 107.2
51 30.9 24.5 36.7
86 64.1 48.7 73.1

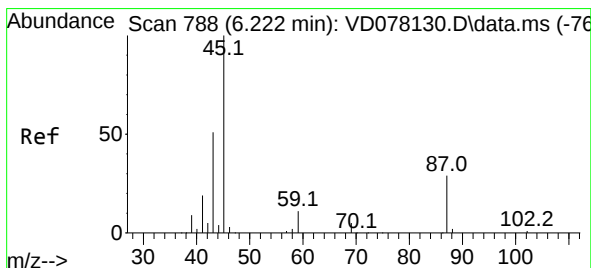
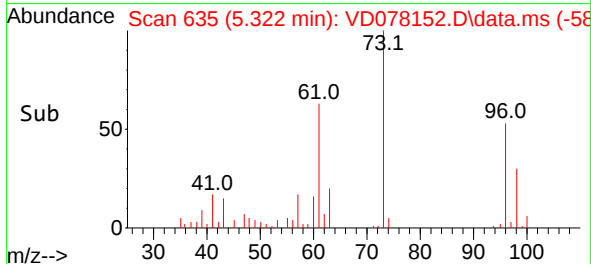
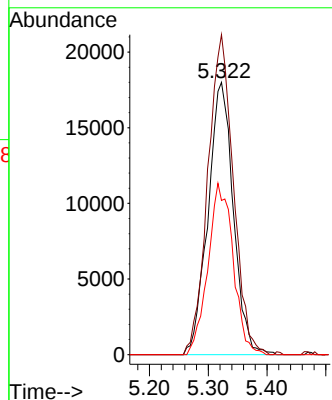
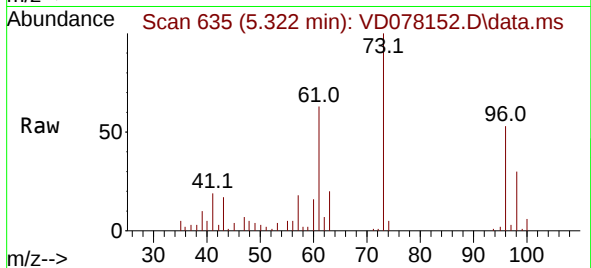




#21
trans-1,2-Dichloroethene
Concen: 48.871 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

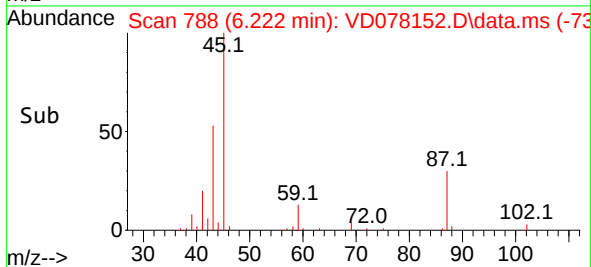
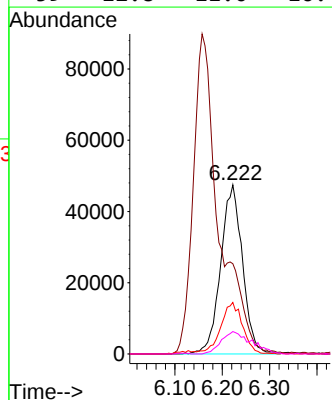
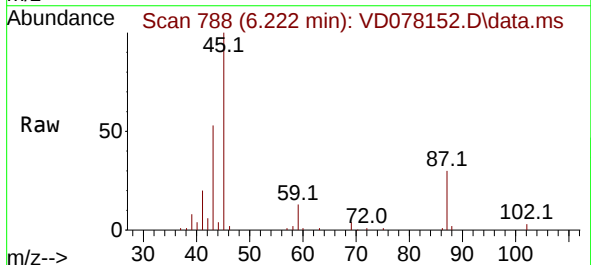
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

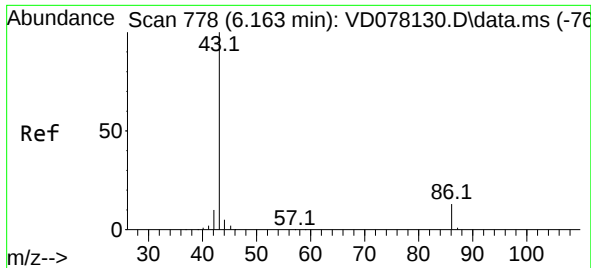
Tgt Ion: 96 Resp: 53896
Ion Ratio Lower Upper
96 100
61 117.5 89.3 133.9
98 56.6 48.6 73.0



#22
Diisopropyl ether
Concen: 49.845 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion: 45 Resp: 151727
Ion Ratio Lower Upper
45 100
43 52.3 40.0 60.0
87 30.4 28.2 42.4
59 12.8 11.0 16.4

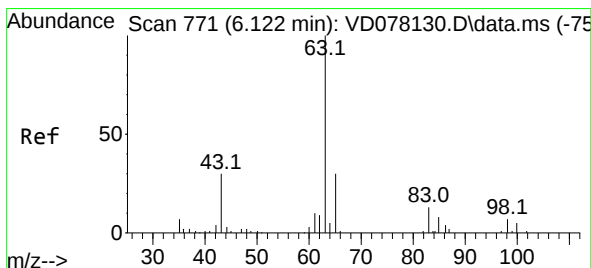
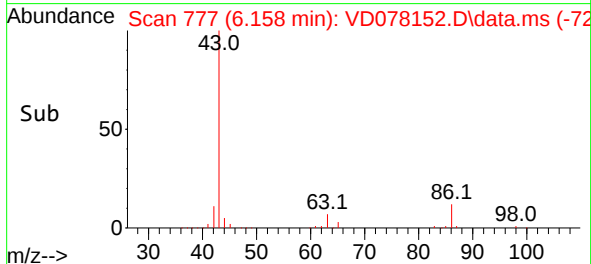
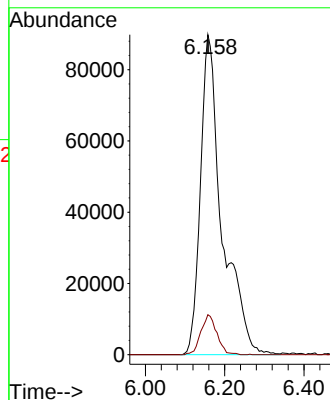
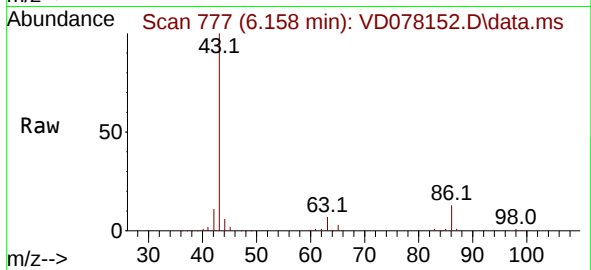




#23
 Vinyl Acetate
 Concen: 247.966 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD078152.D
 Acq: 11 Jan 2024 16:44

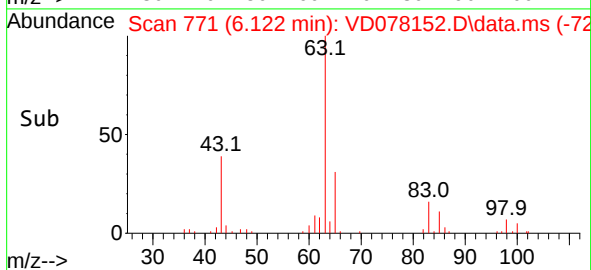
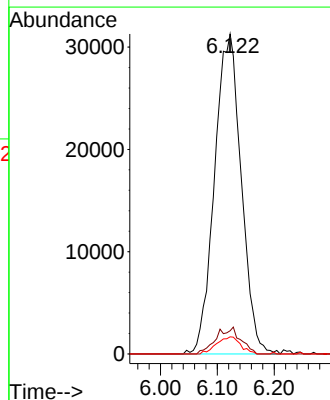
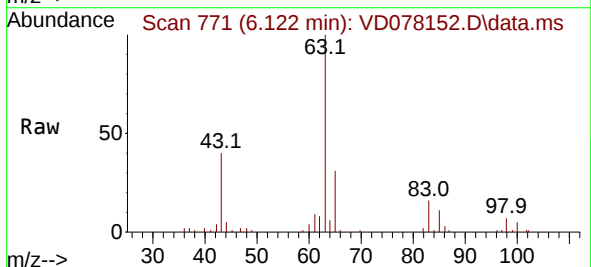
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

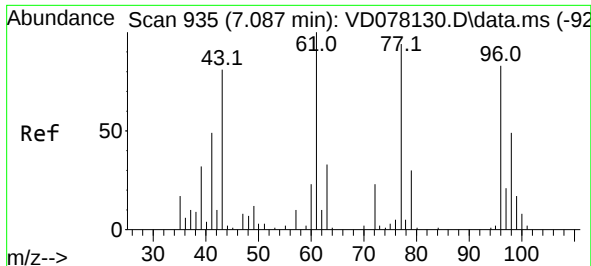
Tgt Ion: 43 Resp: 339073
 Ion Ratio Lower Upper
 43 100
 86 12.5 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 48.088 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.000 min
 Lab File: VD078152.D
 Acq: 11 Jan 2024 16:44

Tgt Ion: 63 Resp: 102129
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 5.4 2.5 7.5

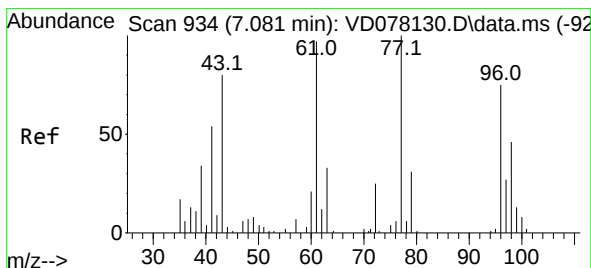
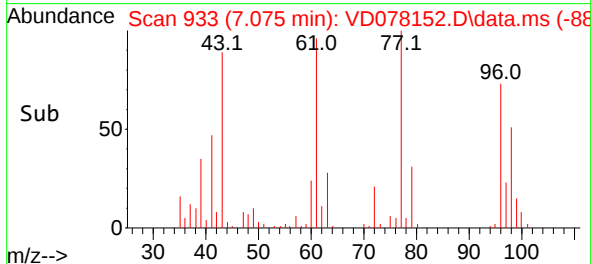
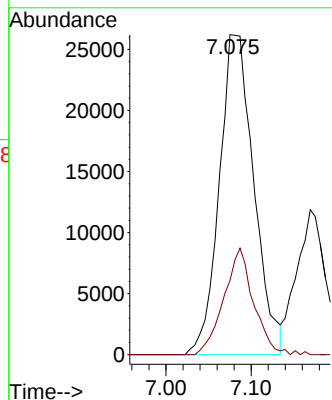
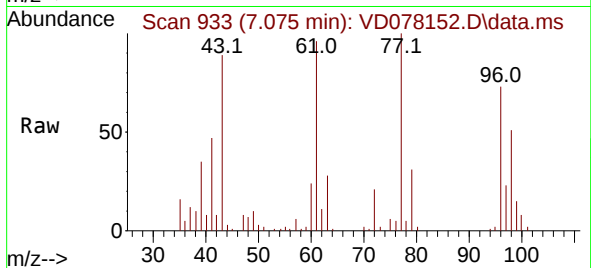




#25
2-Butanone
Concen: 232.050 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

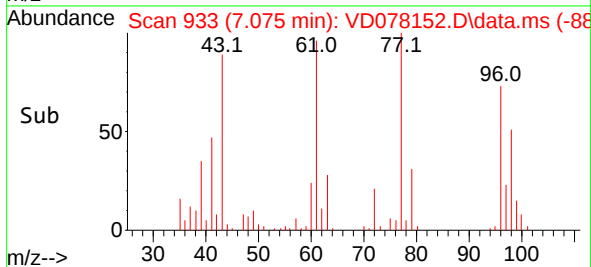
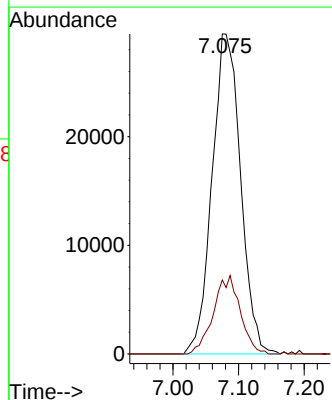
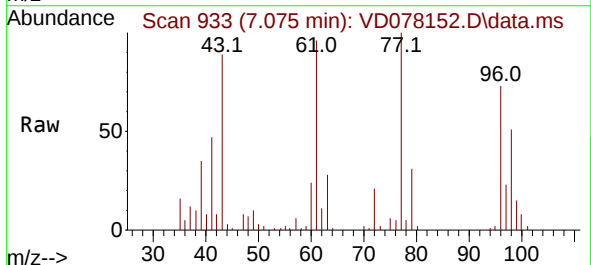
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

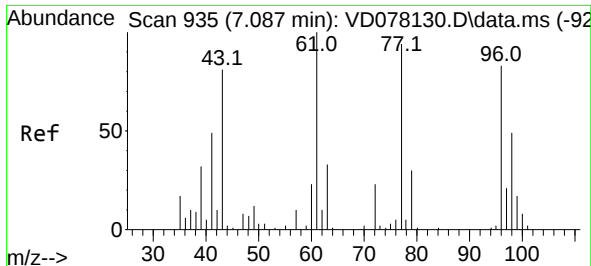
Tgt Ion: 43 Resp: 73944
Ion Ratio Lower Upper
43 100
72 23.1 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 46.770 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion: 77 Resp: 88853
Ion Ratio Lower Upper
77 100
97 23.0 13.2 39.6

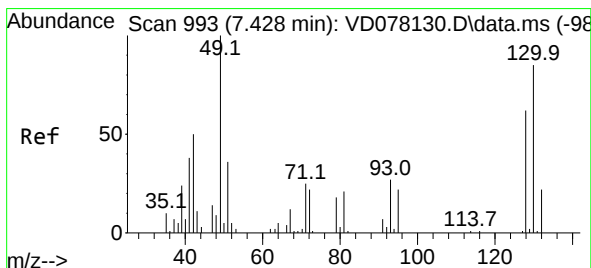
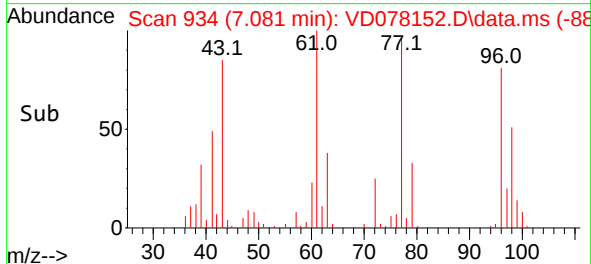
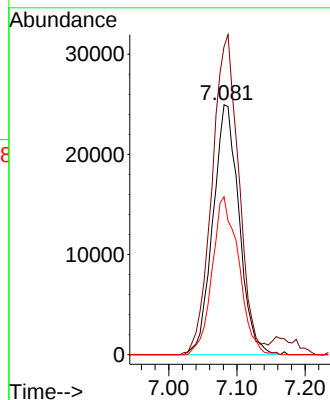
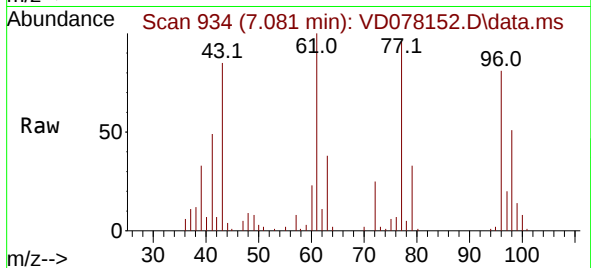




#27
 cis-1,2-Dichloroethene
 Concen: 49.099 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD078152.D
 Acq: 11 Jan 2024 16:44

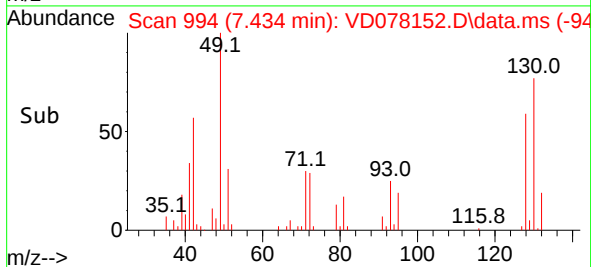
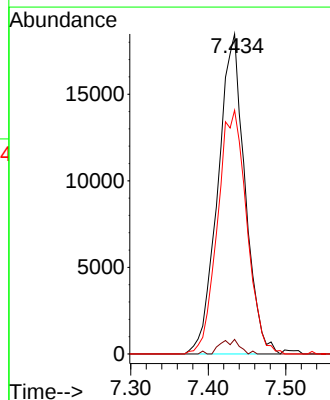
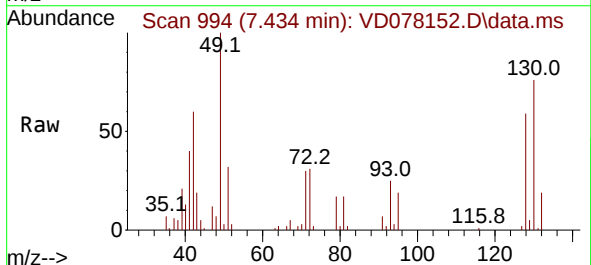
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

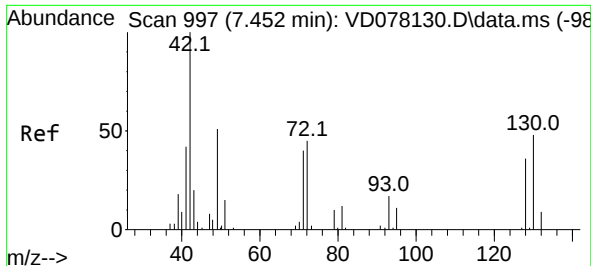
Tgt Ion: 96 Resp: 66572
 Ion Ratio Lower Upper
 96 100
 61 131.5 0.0 239.2
 98 64.1 0.0 128.6



#28
 Bromochloromethane
 Concen: 58.264 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD078152.D
 Acq: 11 Jan 2024 16:44

Tgt Ion: 49 Resp: 44866
 Ion Ratio Lower Upper
 49 100
 129 3.3 0.0 6.0
 130 82.0 83.2 124.8#

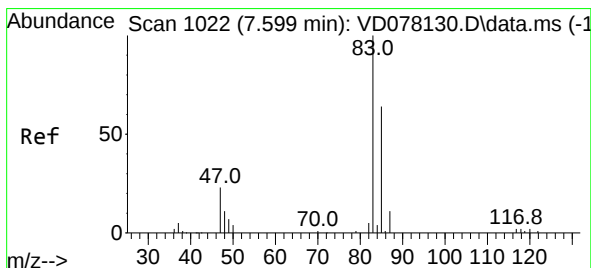
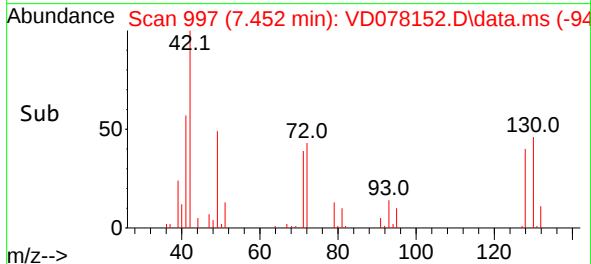
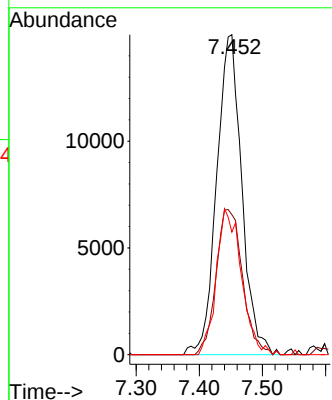
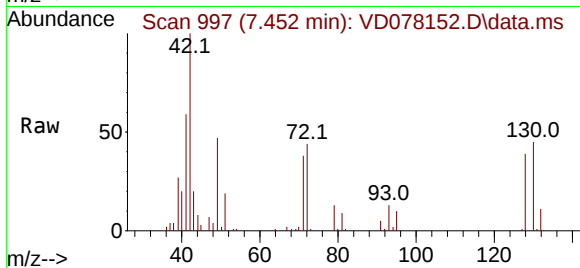




#29
Tetrahydrofuran
Concen: 247.716 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

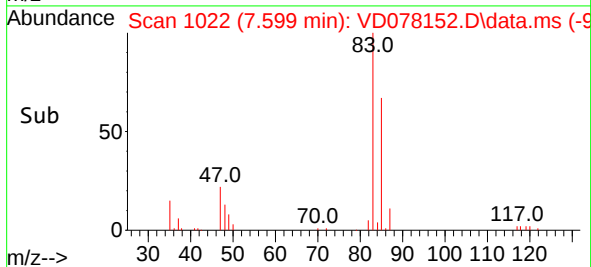
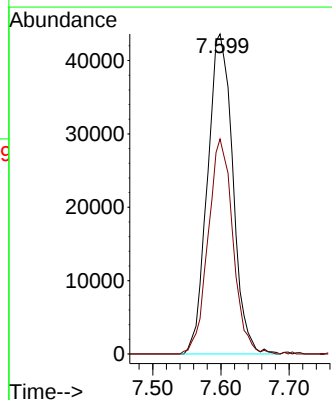
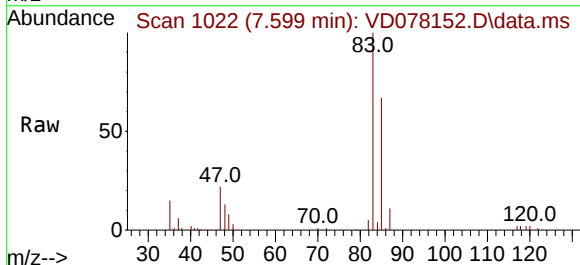
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

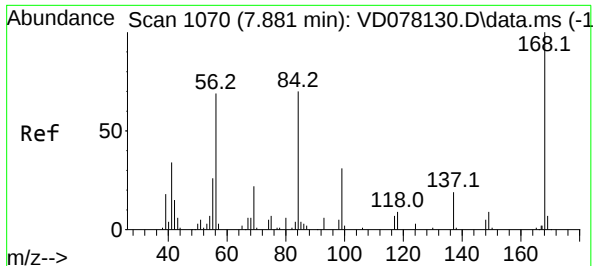
Tgt Ion:	42	Resp:	41412
Ion	Ratio	Lower	Upper
42	100		
72	47.8	46.5	69.7
71	45.5	44.5	66.7



#30
Chloroform
Concen: 49.007 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion:	83	Resp:	112814
Ion	Ratio	Lower	Upper
83	100		
85	67.2	53.4	80.2

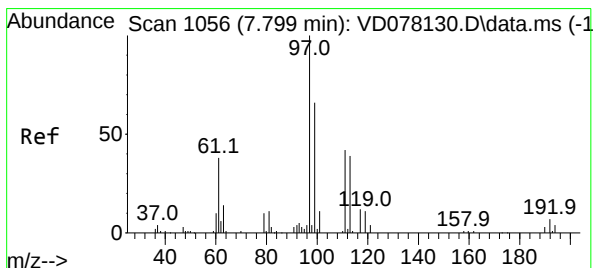
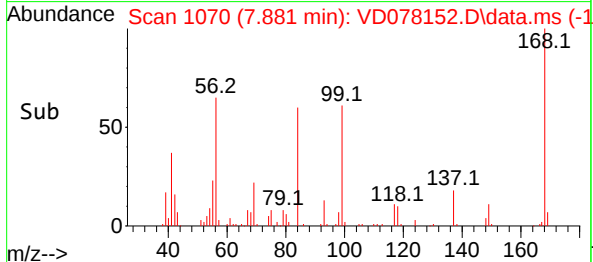
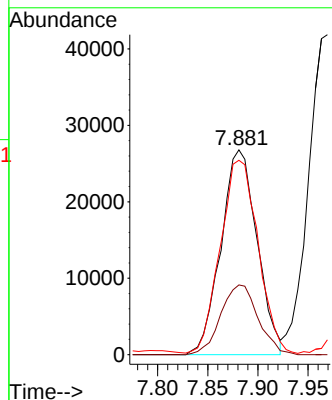
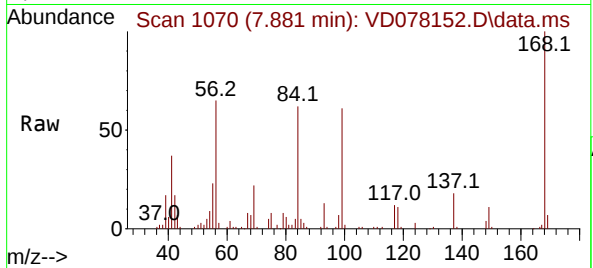




#31
Cyclohexane
Concen: 43.041 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

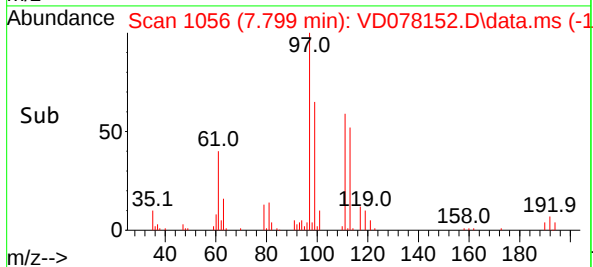
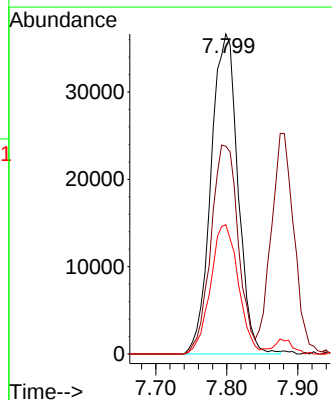
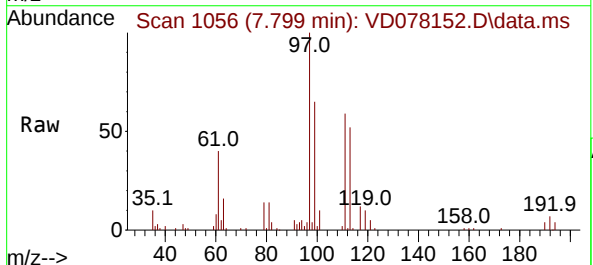
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

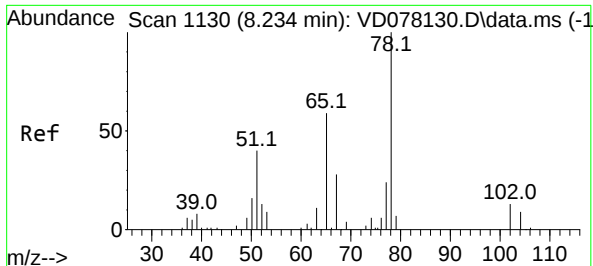
Tgt Ion: 56 Resp: 67179
Ion Ratio Lower Upper
56 100
69 34.1 28.6 43.0
84 93.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 48.329 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion: 97 Resp: 96233
Ion Ratio Lower Upper
97 100
99 66.5 52.0 78.0
61 42.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.412 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

Instrument :

MSVOA_D

ClientSampleId :

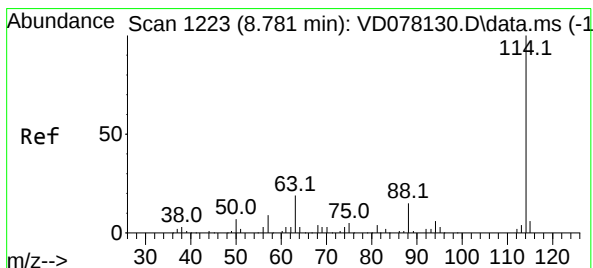
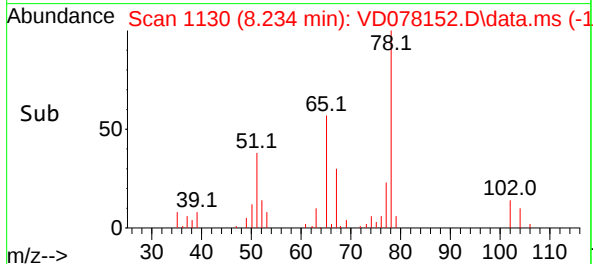
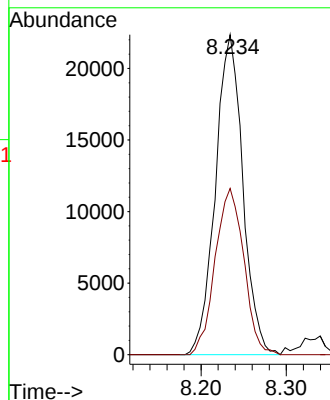
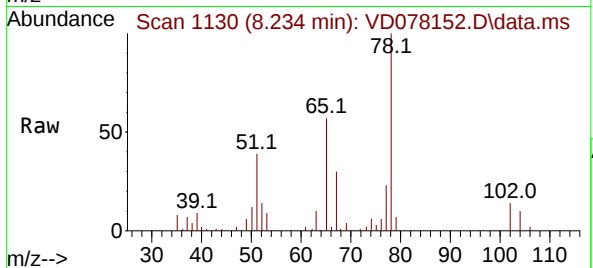
VSTDCCC050EC

Tgt Ion: 65 Resp: 49939

Ion Ratio Lower Upper

65 100

67 54.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

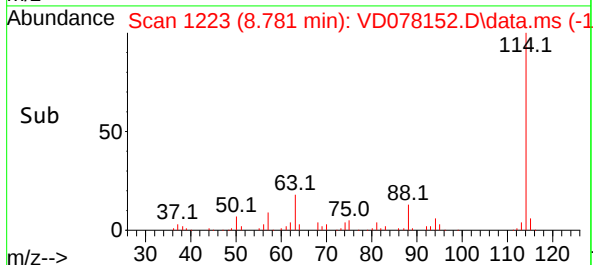
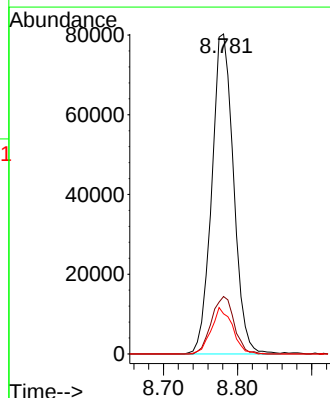
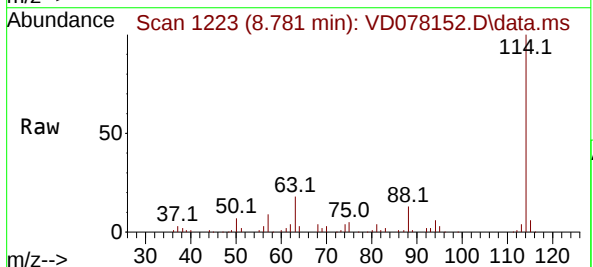
Tgt Ion: 114 Resp: 163613

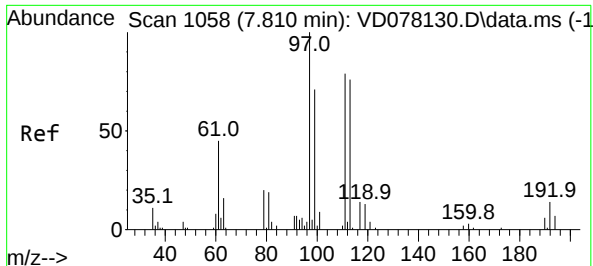
Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.4

88 12.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 46.838 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

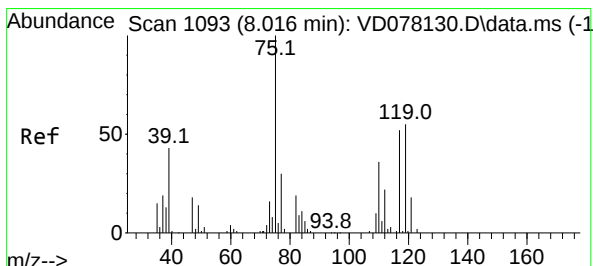
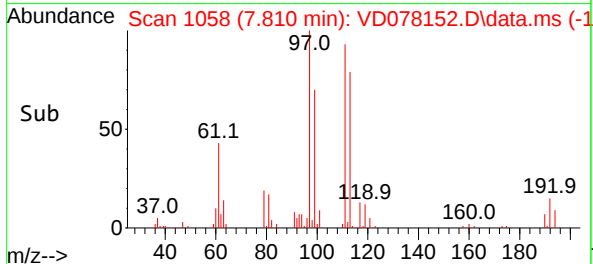
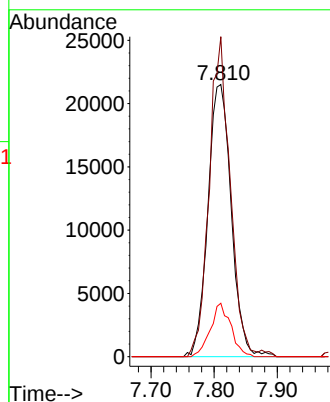
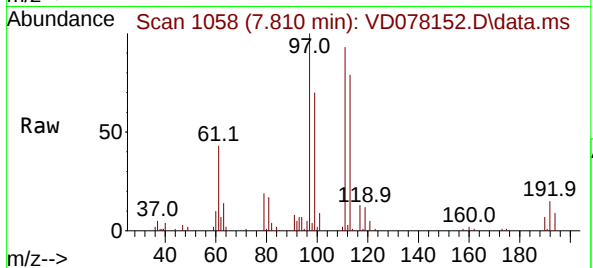
Tgt Ion:113 Resp: 55229

Ion Ratio Lower Upper

113 100

111 105.3 84.7 127.1

192 17.2 16.8 25.2



#36

1,1-Dichloropropene

Concen: 46.171 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

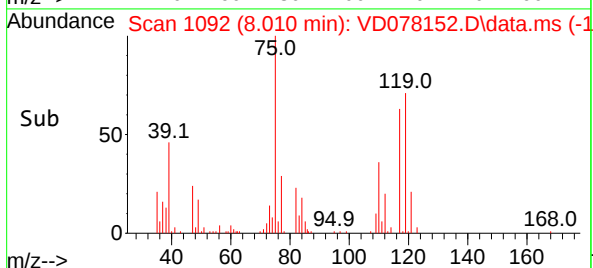
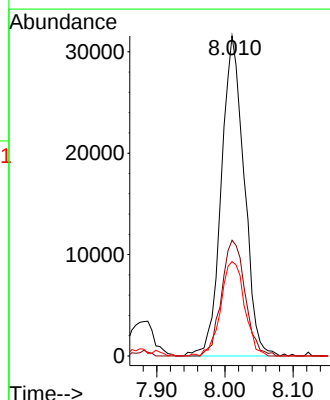
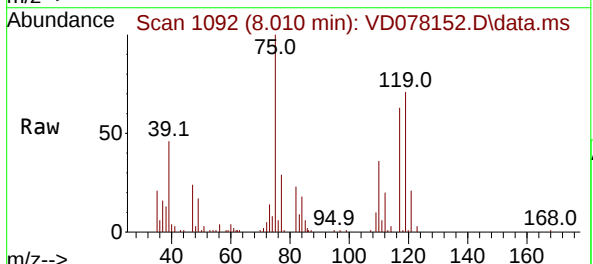
Tgt Ion: 75 Resp: 73510

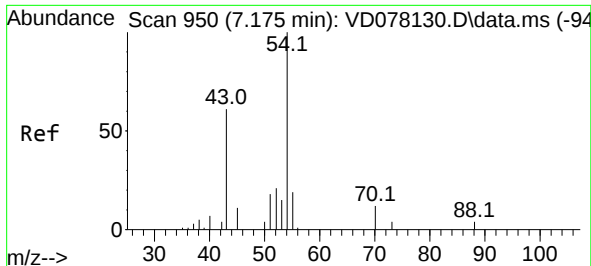
Ion Ratio Lower Upper

75 100

110 37.3 19.9 59.6

77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 45.829 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

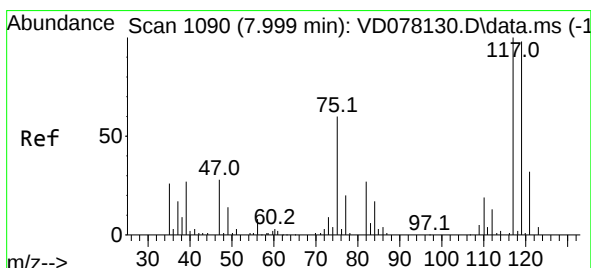
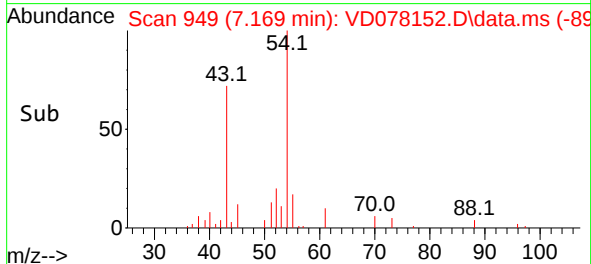
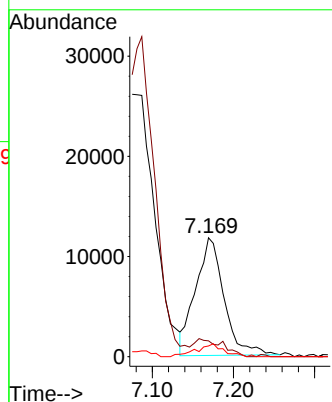
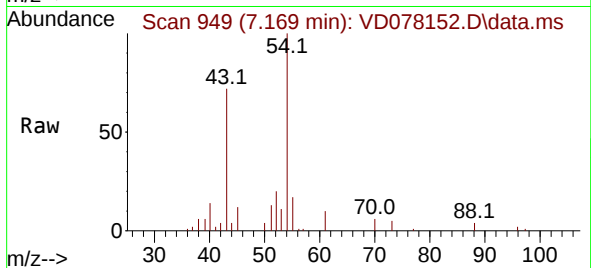
Tgt Ion: 43 Resp: 28717

Ion Ratio Lower Upper

43 100

61 15.1 14.9 22.3

70 10.6 10.0 15.0



#38

Carbon Tetrachloride

Concen: 45.179 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

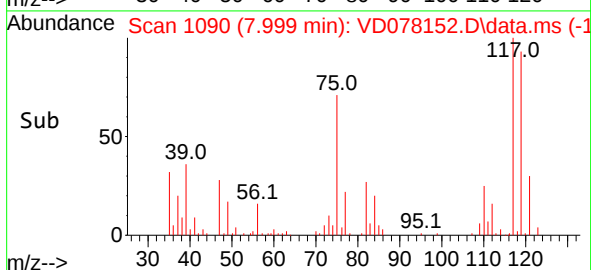
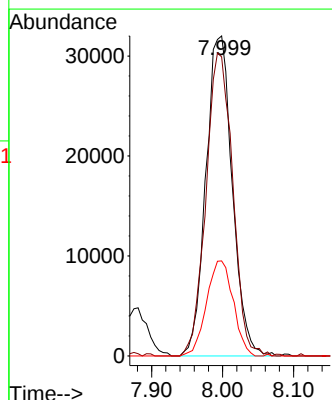
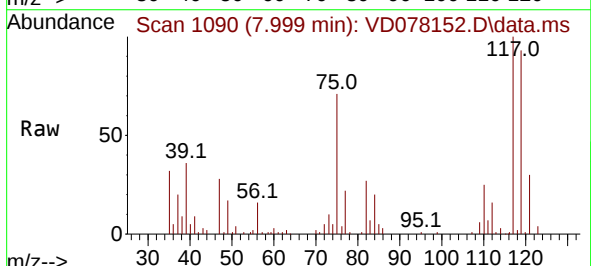
Tgt Ion: 117 Resp: 82843

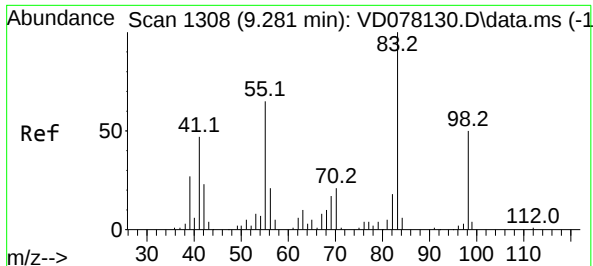
Ion Ratio Lower Upper

117 100

119 93.4 78.0 117.0

121 29.7 24.2 36.2





#39

Methylcyclohexane

Concen: 44.747 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.006 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

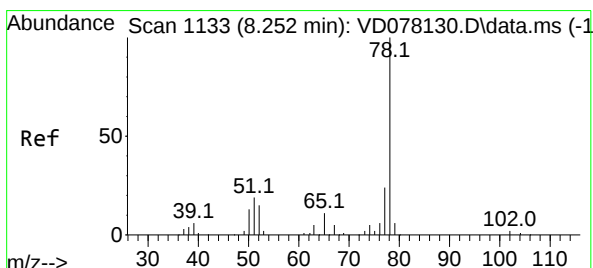
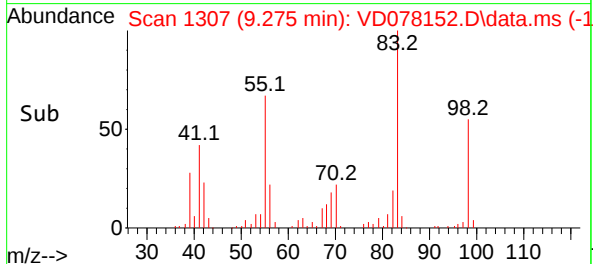
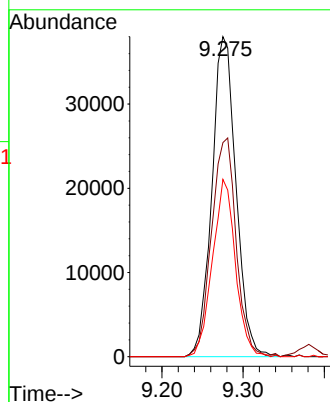
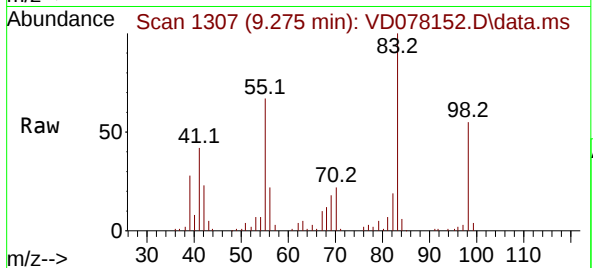
Tgt Ion: 83 Resp: 78403

Ion Ratio Lower Upper

83 100

55 66.9 49.4 74.0

98 55.4 38.4 57.6



#40

Benzene

Concen: 46.885 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078152.D

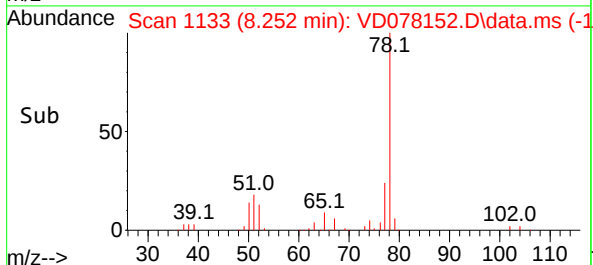
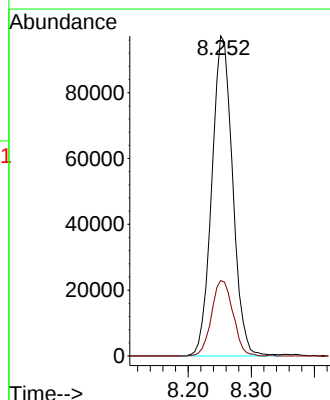
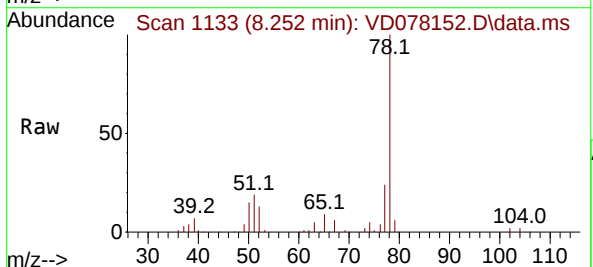
Acq: 11 Jan 2024 16:44

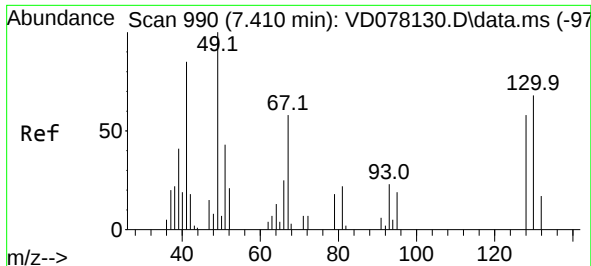
Tgt Ion: 78 Resp: 222812

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0

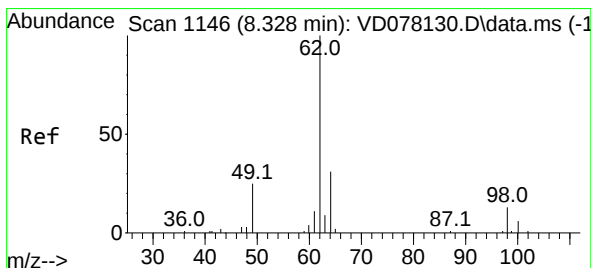
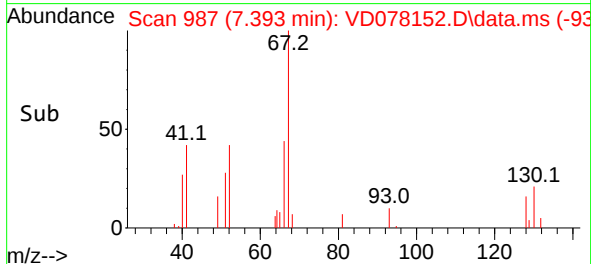
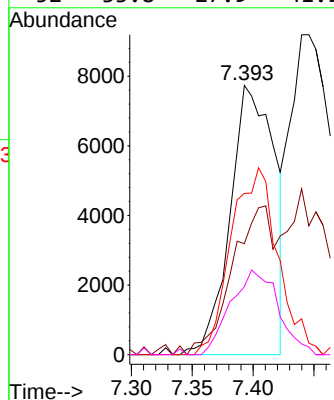
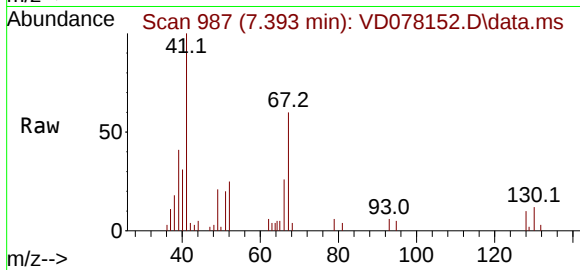




#41
Methacrylonitrile
Concen: 53.019 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

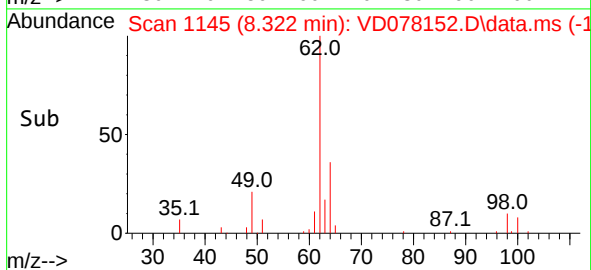
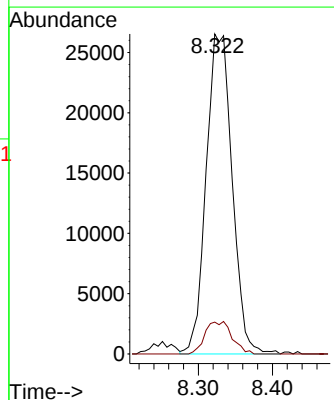
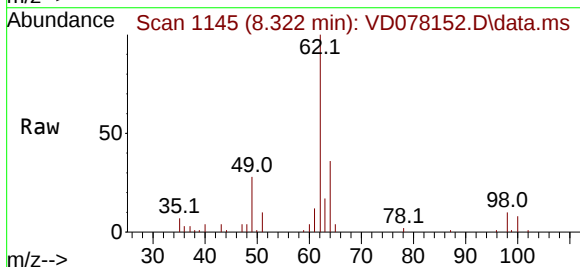
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

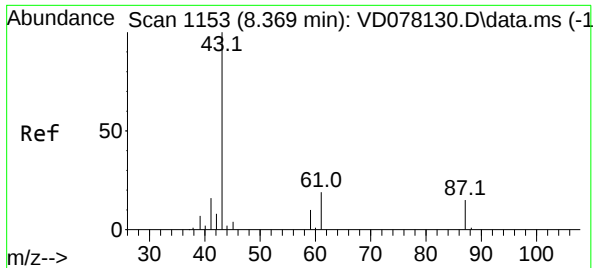
Tgt Ion:	41	Resp:	19502
Ion	Ratio	Lower	Upper
41	100		
39	56.4	34.0	51.0#
67	74.2	77.0	115.4#
52	33.8	27.9	41.9



#42
1,2-Dichloroethane
Concen: 48.371 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion:	62	Resp:	64691
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	25.4

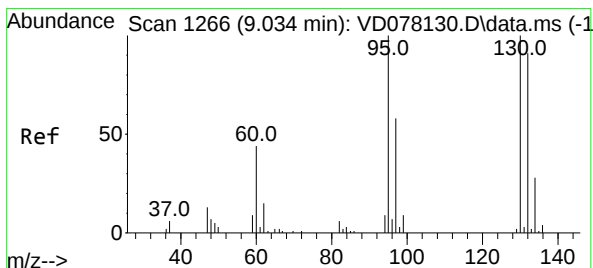
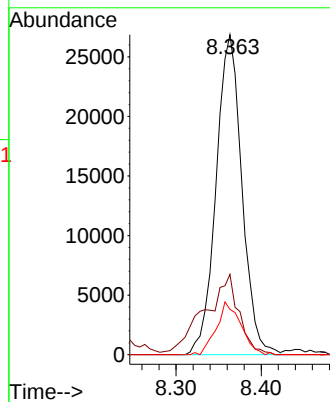
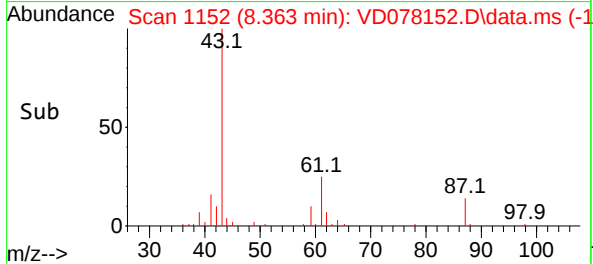
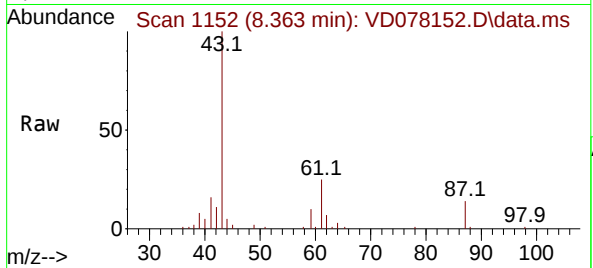




#43
Isopropyl Acetate
Concen: 46.951 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

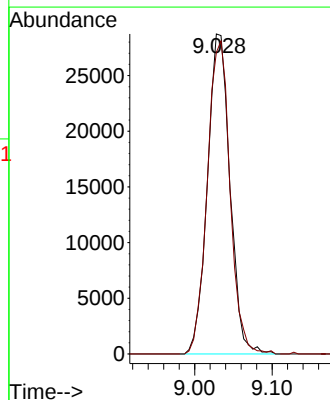
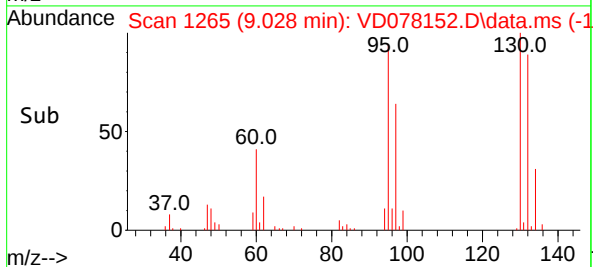
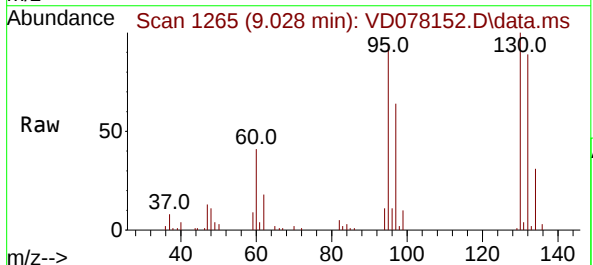
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

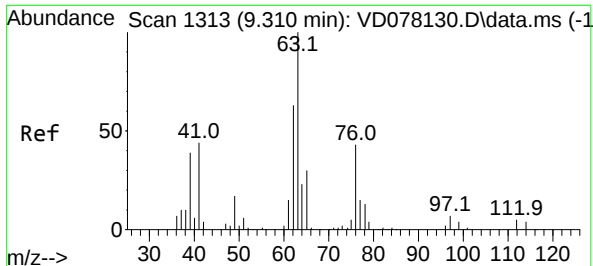
Tgt Ion: 43 Resp: 56715
Ion Ratio Lower Upper
43 100
61 33.8 31.4 47.0
87 15.6 14.9 22.3



#44
Trichloroethene
Concen: 45.341 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion:130 Resp: 58263
Ion Ratio Lower Upper
130 100
95 94.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 47.952 ug/l

RT: 9.304 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

Instrument :

MSVOA_D

ClientSampleId :

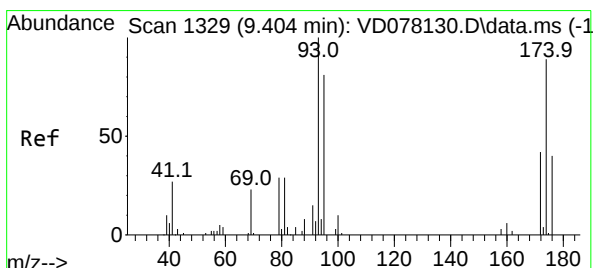
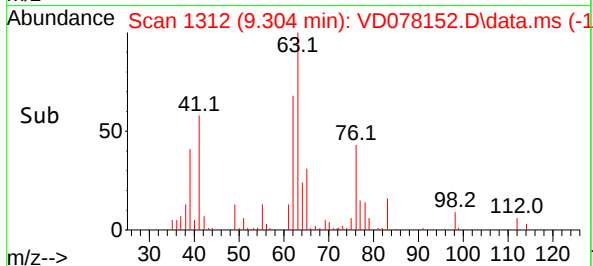
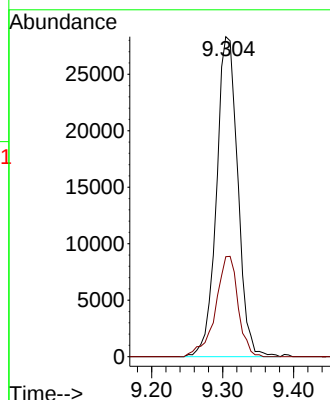
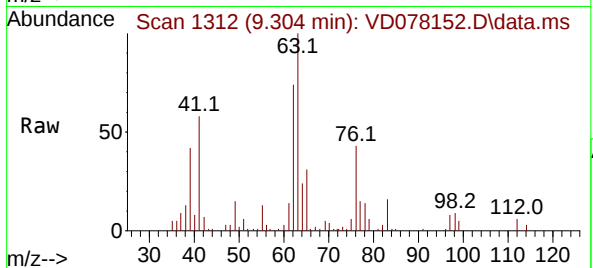
VSTDCCC050EC

Tgt Ion: 63 Resp: 58773

Ion Ratio Lower Upper

63 100

65 31.3 24.5 36.7



#46

Dibromomethane

Concen: 47.468 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. -0.006 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

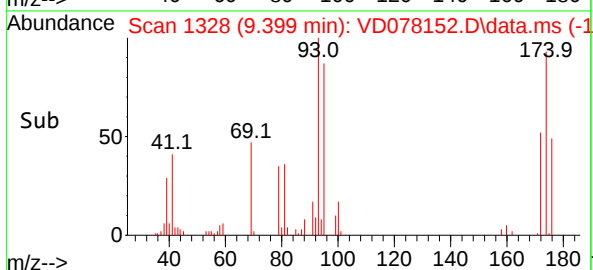
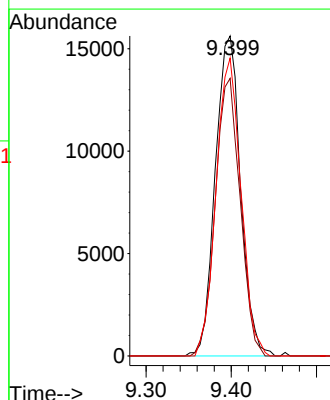
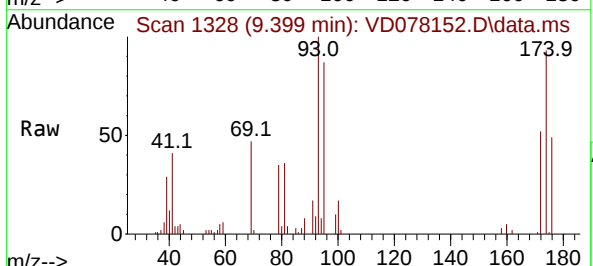
Tgt Ion: 93 Resp: 32187

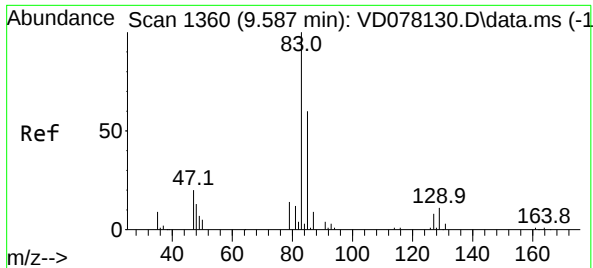
Ion Ratio Lower Upper

93 100

95 85.3 67.7 101.5

174 91.9 85.4 128.2

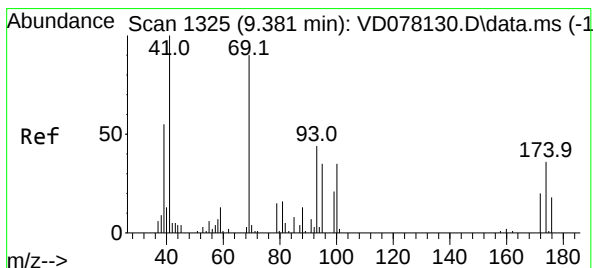
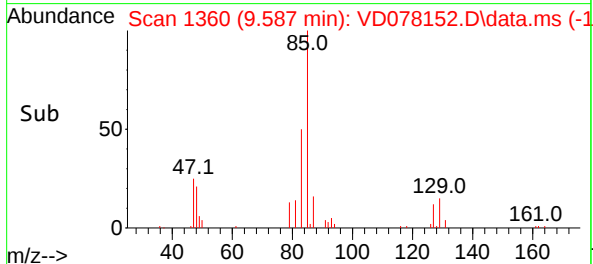
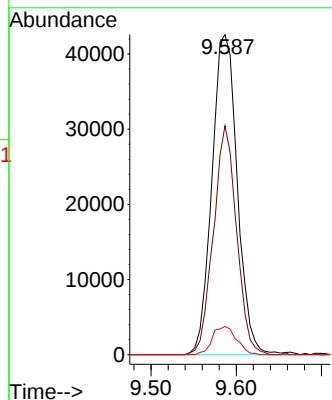
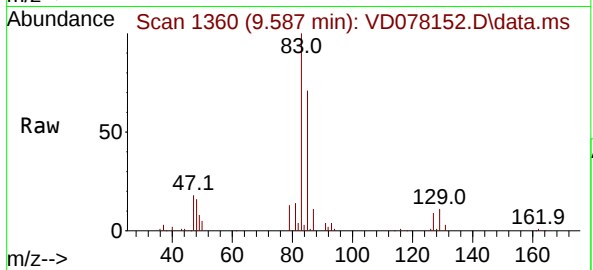




#47
Bromodichloromethane
Concen: 48.794 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

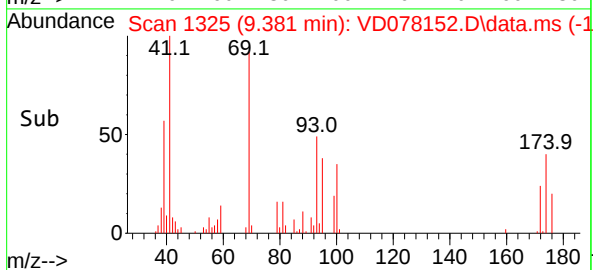
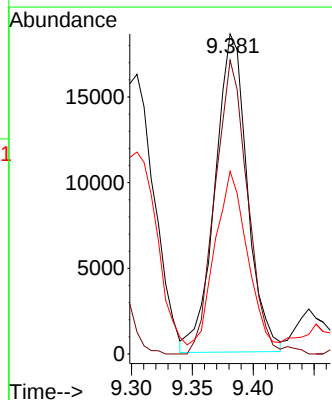
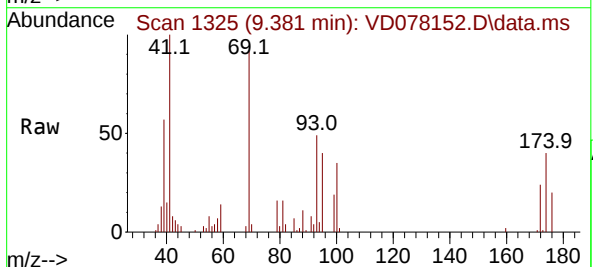
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

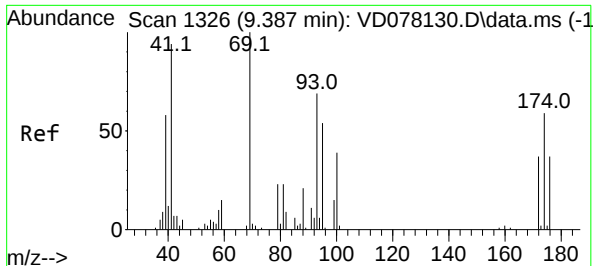
Tgt Ion: 83 Resp: 87963
Ion Ratio Lower Upper
83 100
85 71.5 50.2 75.4
127 8.8 6.3 9.5



#48
Methyl methacrylate
Concen: 51.415 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion: 41 Resp: 34323
Ion Ratio Lower Upper
41 100
69 92.6 102.2 153.2#
39 59.9 41.4 62.2





#49

1,4-Dioxane

Concen: 892.783 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

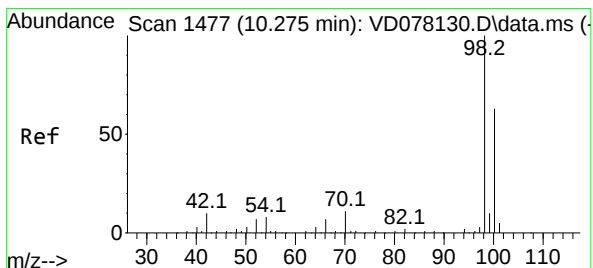
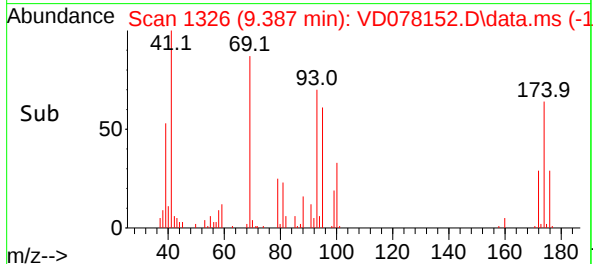
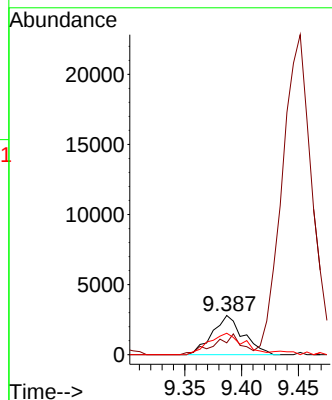
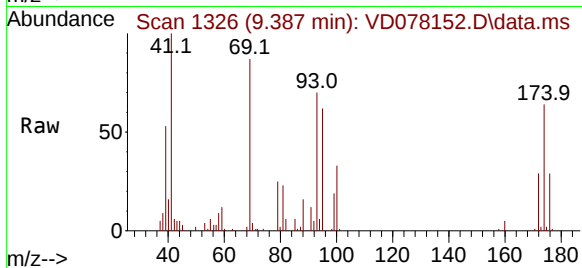
Tgt Ion: 88 Resp: 5292

Ion Ratio Lower Upper

88 100

43 46.0 19.0 28.6#

58 60.9 43.5 65.3



#50

Toluene-d8

Concen: 49.037 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VD078152.D

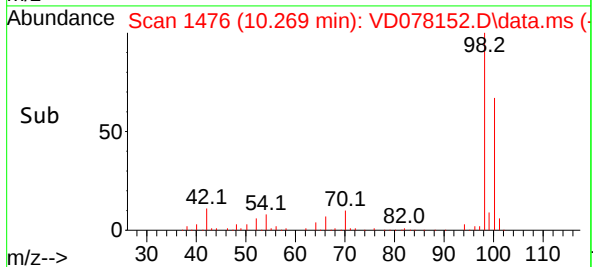
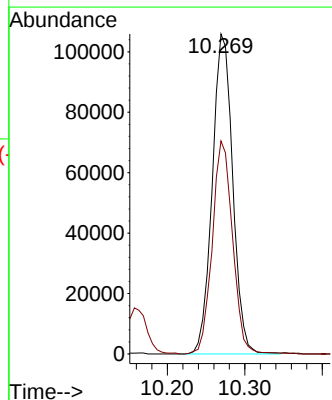
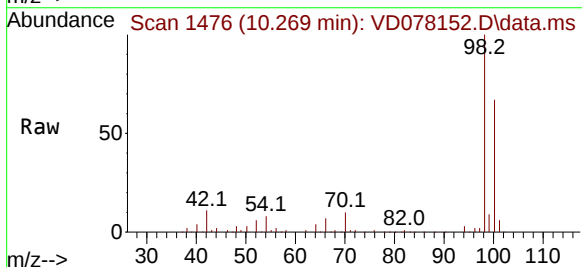
Acq: 11 Jan 2024 16:44

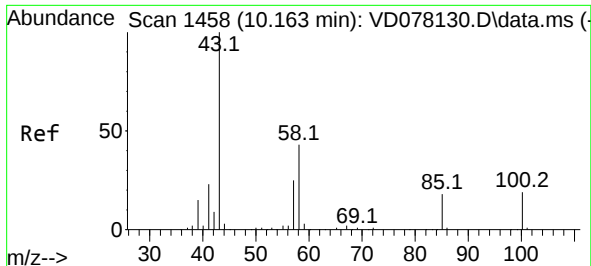
Tgt Ion: 98 Resp: 193918

Ion Ratio Lower Upper

98 100

100 66.2 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 256.360 ug/l

RT: 10.163 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

Instrument :

MSVOA_D

ClientSampleId :

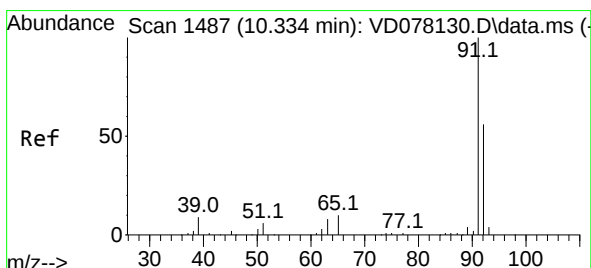
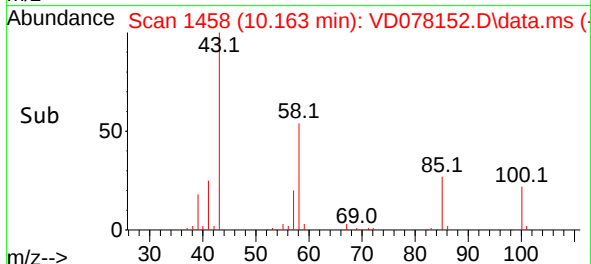
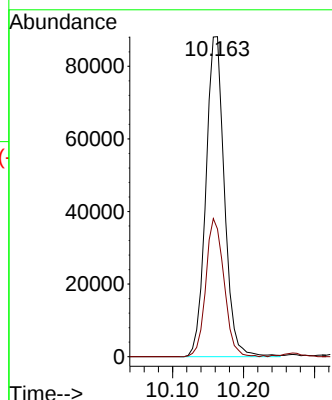
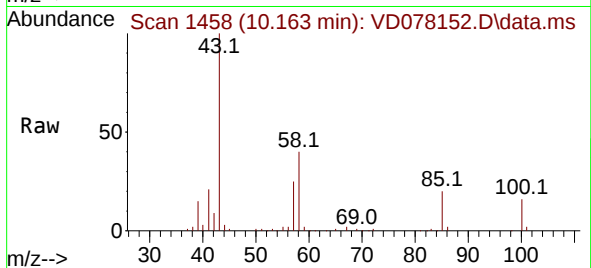
VSTDCCC050EC

Tgt Ion: 43 Resp: 160445

Ion Ratio Lower Upper

43 100

58 42.3 38.9 58.3



#52

Toluene

Concen: 48.604 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078152.D

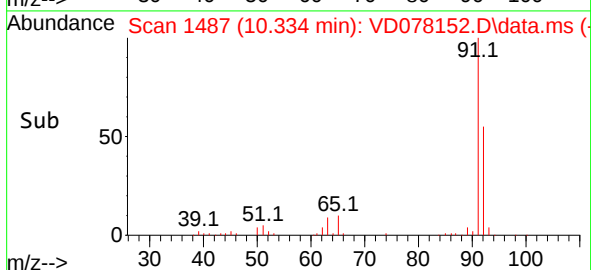
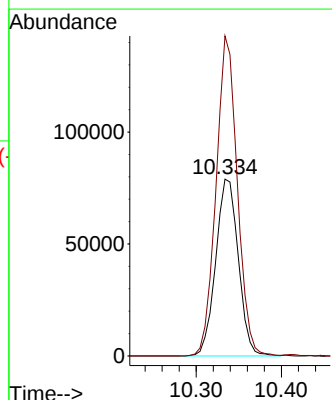
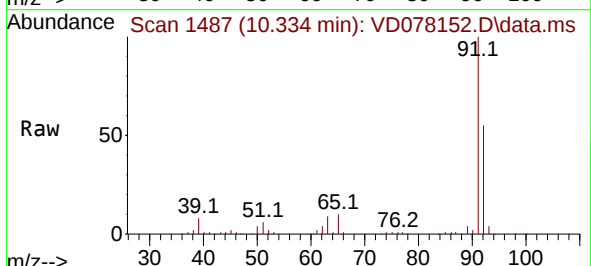
Acq: 11 Jan 2024 16:44

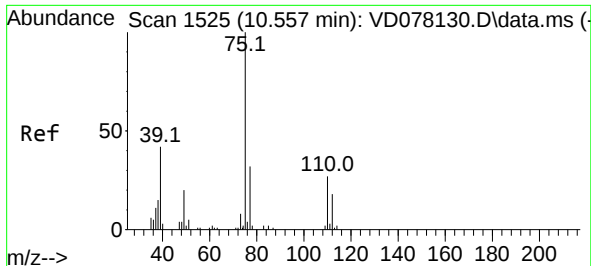
Tgt Ion: 92 Resp: 145880

Ion Ratio Lower Upper

92 100

91 170.6 143.0 214.4

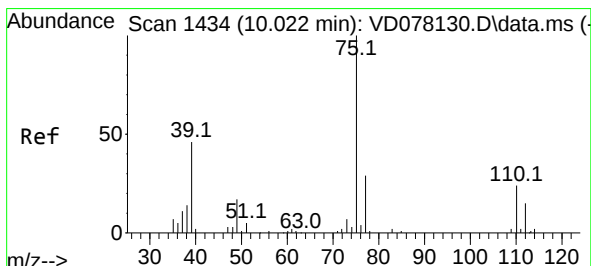
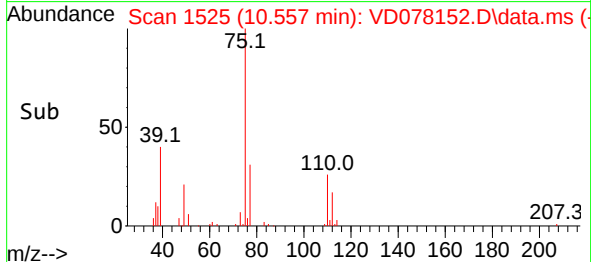
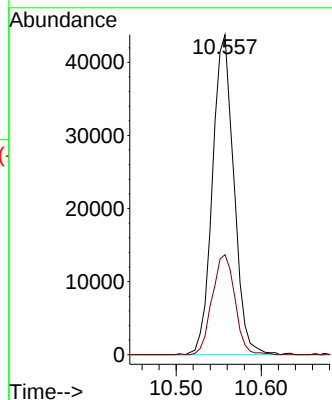
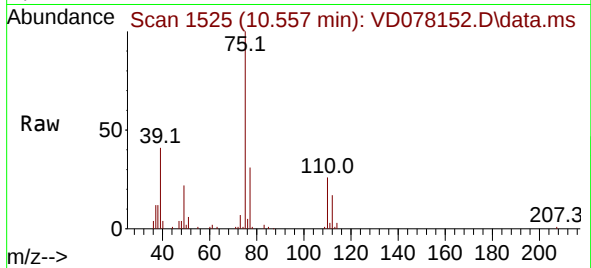




#53
t-1,3-Dichloropropene
Concen: 47.838 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

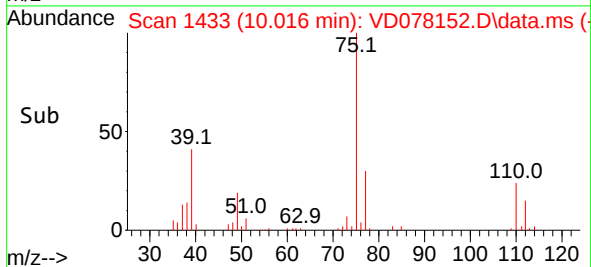
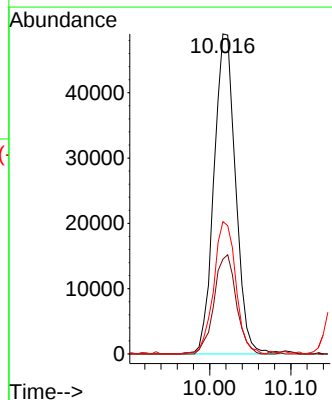
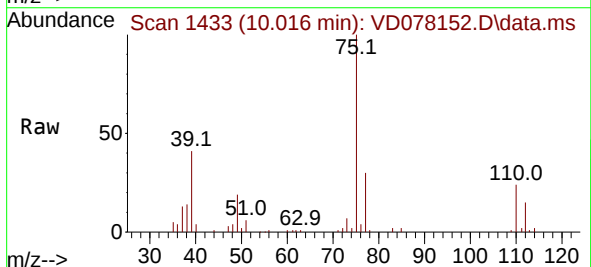
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

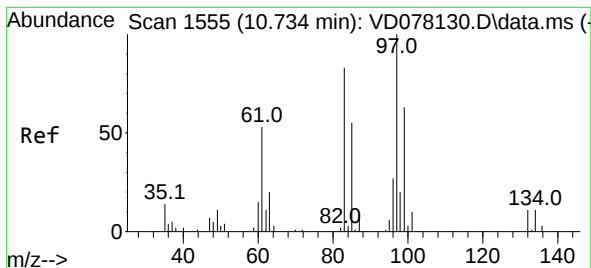
Tgt Ion: 75 Resp: 76541
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 49.642 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion: 75 Resp: 90623
Ion Ratio Lower Upper
75 100
77 29.7 25.5 38.3
39 41.3 22.1 33.1#

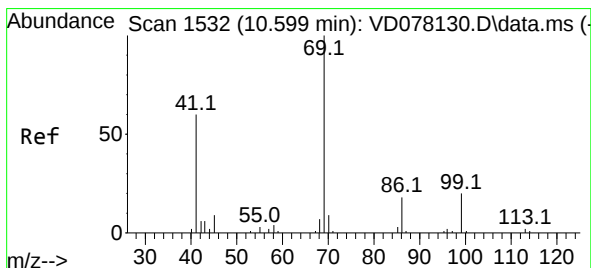
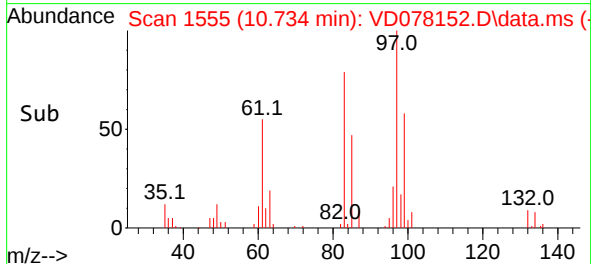
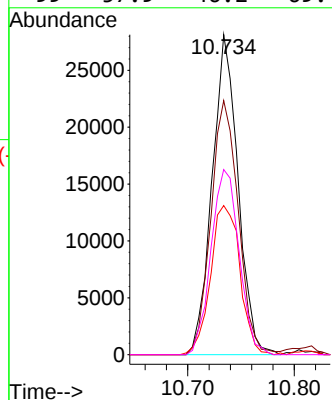
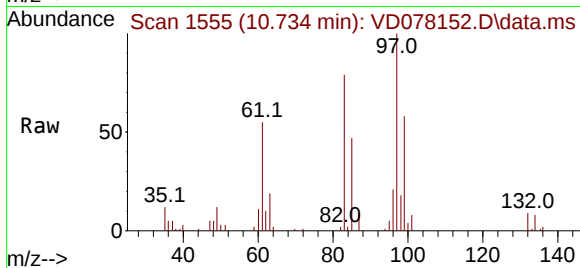




#55
1,1,2-Trichloroethane
Concen: 49.897 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

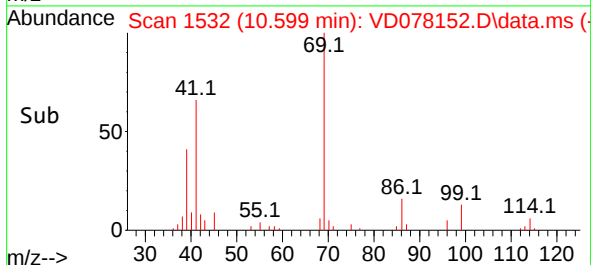
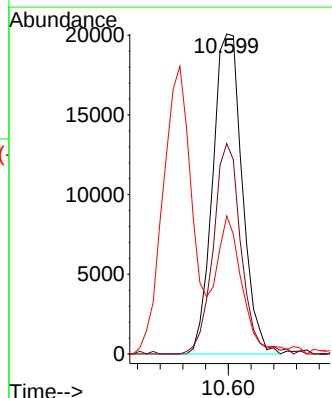
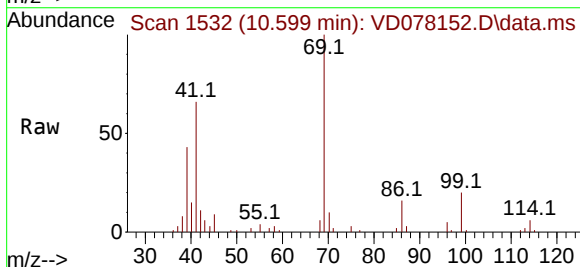
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

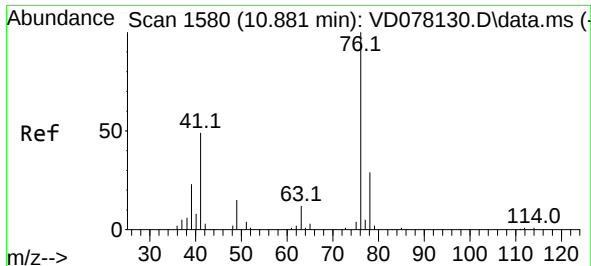
Tgt Ion:	97	Resp:	47455
Ion	Ratio	Lower	Upper
97	100		
83	79.4	65.8	98.6
85	46.6	45.7	68.5
99	57.9	46.2	69.4



#56
Ethyl methacrylate
Concen: 48.881 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion:	69	Resp:	36230
Ion	Ratio	Lower	Upper
69	100		
41	62.3	39.1	58.7#
39	38.4	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 50.579 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

Instrument :

MSVOA_D

ClientSampleId :

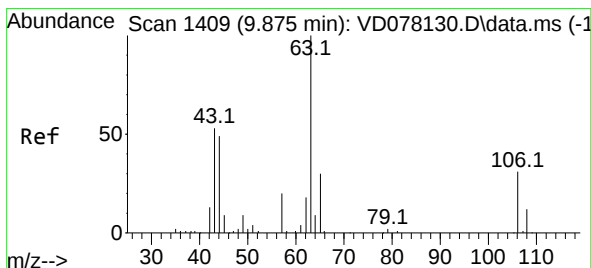
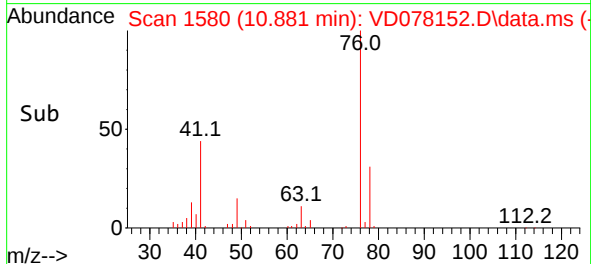
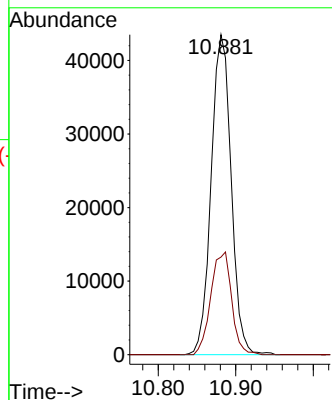
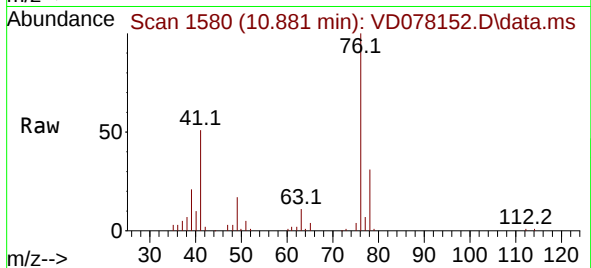
VSTDCCC050EC

Tgt Ion: 76 Resp: 78076

Ion Ratio Lower Upper

76 100

78 33.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 284.059 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.006 min

Lab File: VD078152.D

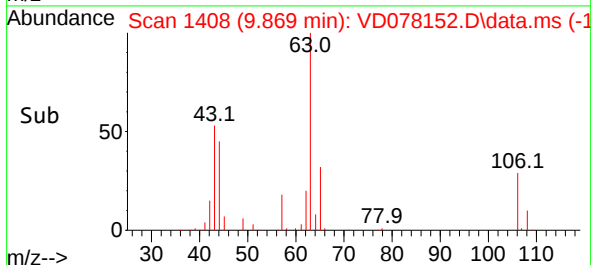
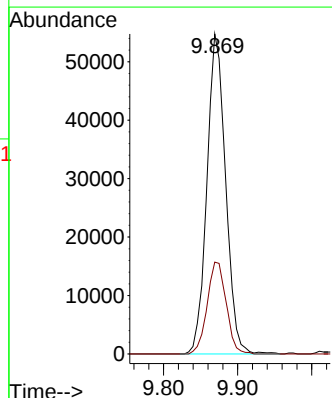
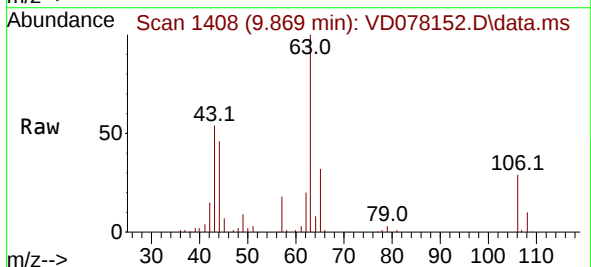
Acq: 11 Jan 2024 16:44

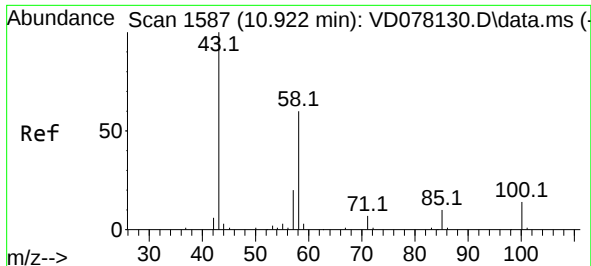
Tgt Ion: 63 Resp: 96135

Ion Ratio Lower Upper

63 100

106 29.2 25.3 37.9





#59

2-Hexanone

Concen: 244.345 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

Instrument :

MSVOA_D

ClientSampleId :

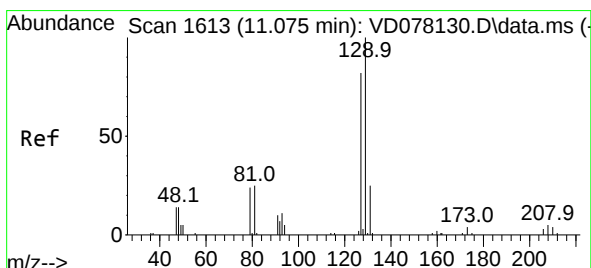
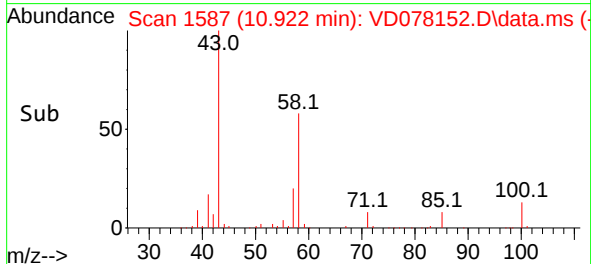
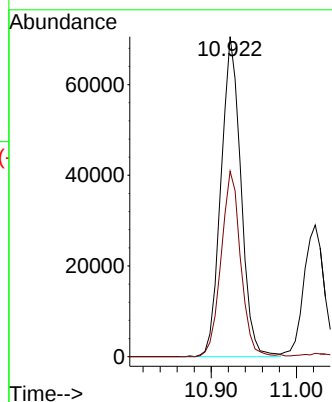
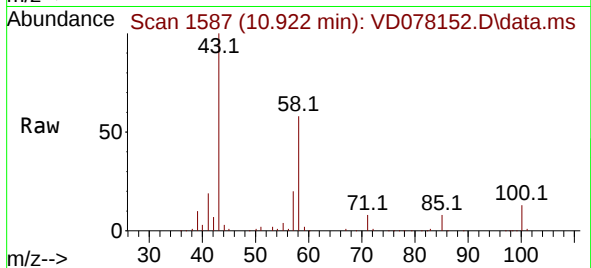
VSTDCCC050EC

Tgt Ion: 43 Resp: 114978

Ion Ratio Lower Upper

43 100

58 57.0 34.1 102.2



#60

Dibromochloromethane

Concen: 48.397 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD078152.D

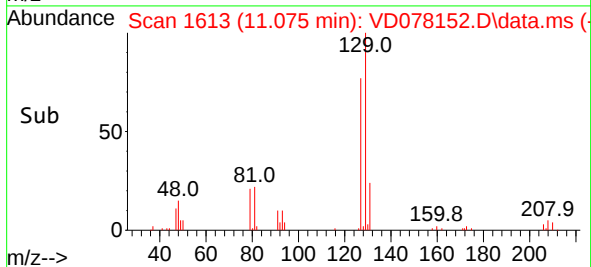
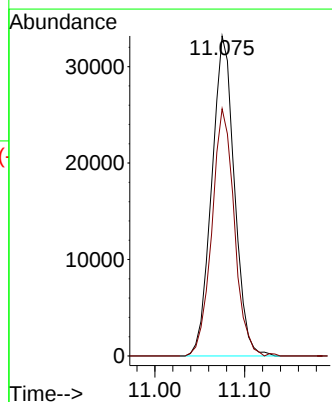
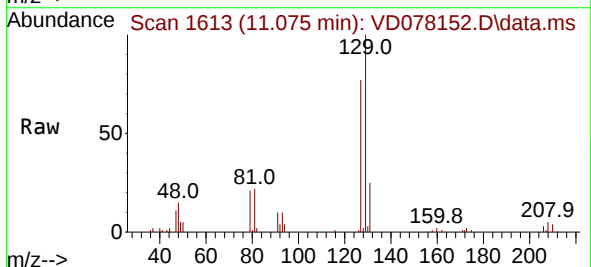
Acq: 11 Jan 2024 16:44

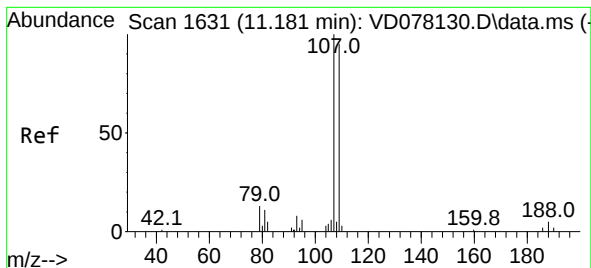
Tgt Ion:129 Resp: 58159

Ion Ratio Lower Upper

129 100

127 76.5 37.1 111.5

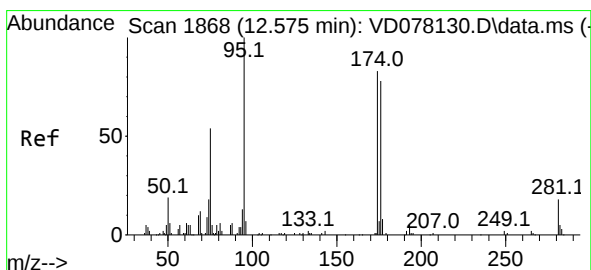
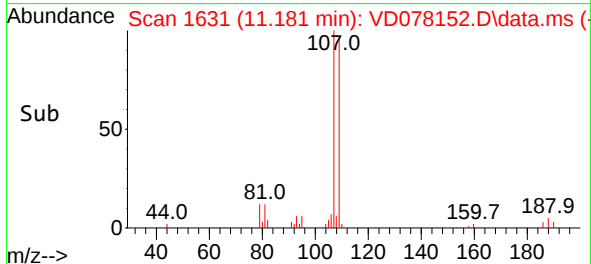
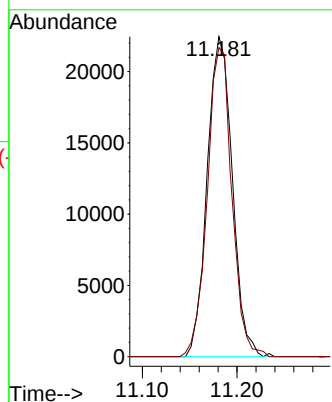
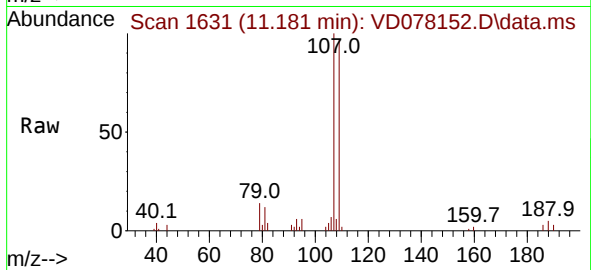




#61
1,2-Dibromoethane
Concen: 47.319 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

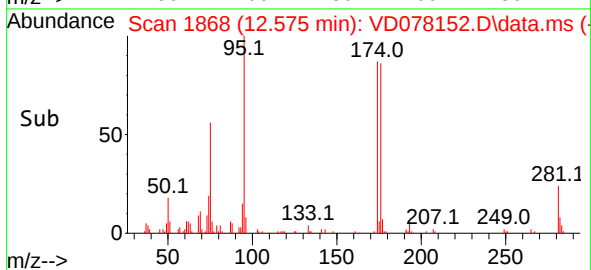
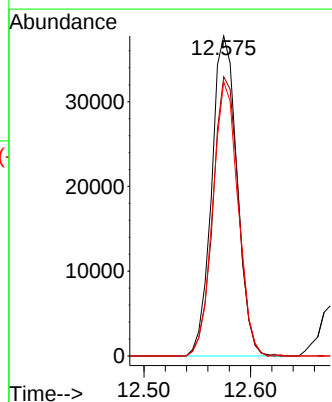
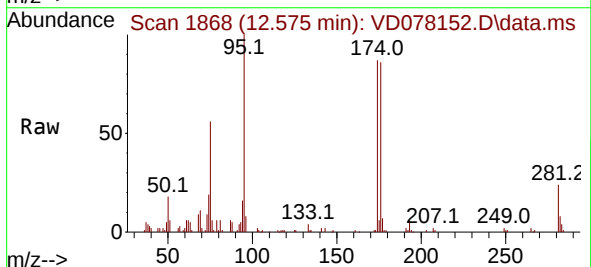
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

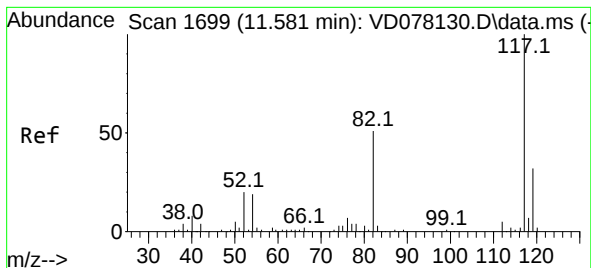
Tgt Ion:107 Resp: 41433
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.427 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion: 95 Resp: 62535
Ion Ratio Lower Upper
95 100
174 86.8 0.0 201.8
176 85.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

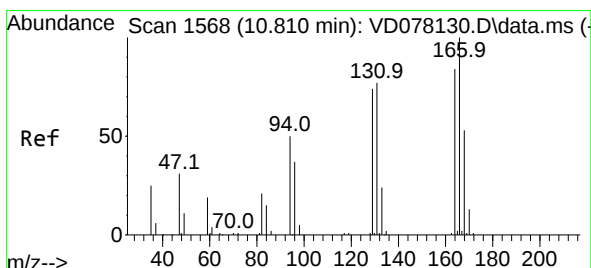
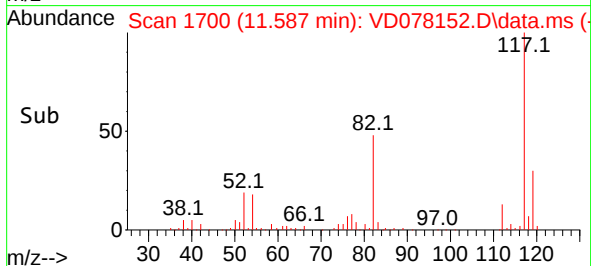
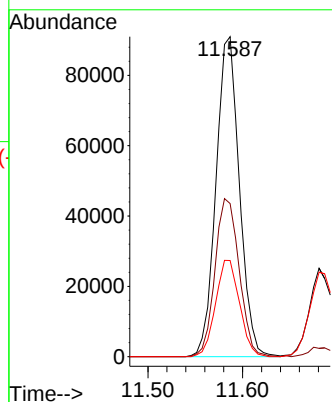
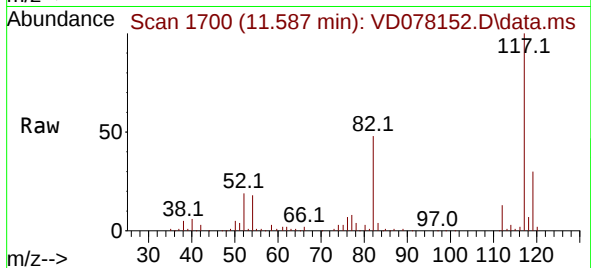
Tgt Ion:117 Resp: 156350

Ion Ratio Lower Upper

117 100

82 47.9 38.3 57.5

119 30.1 25.0 37.4



#64

Tetrachloroethene

Concen: 41.509 ug/l

RT: 10.816 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

Tgt Ion:164 Resp: 43942

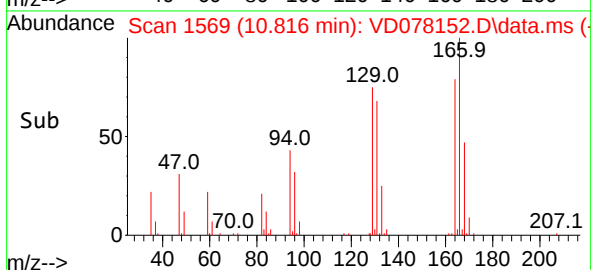
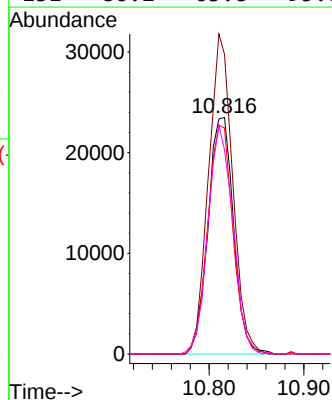
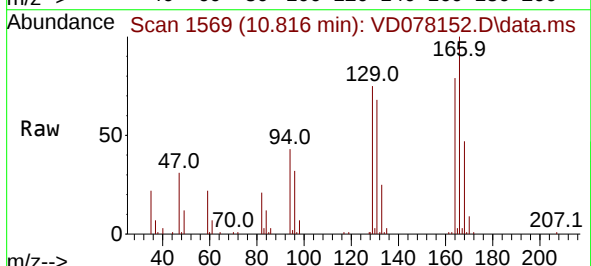
Ion Ratio Lower Upper

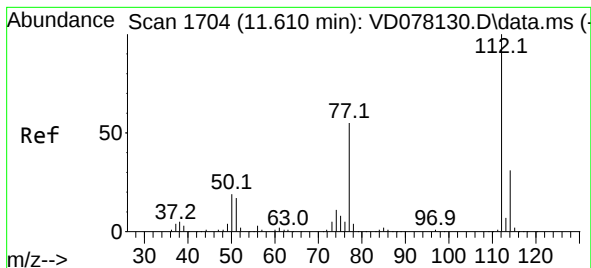
164 100

166 126.6 99.2 148.8

129 95.5 68.4 102.6

131 86.2 63.8 95.8

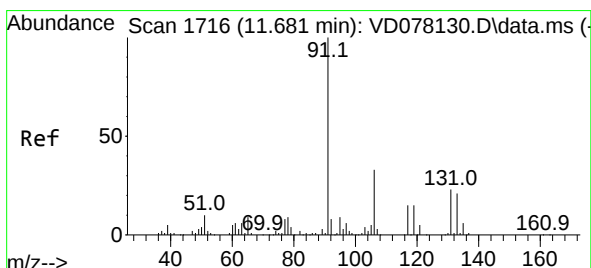
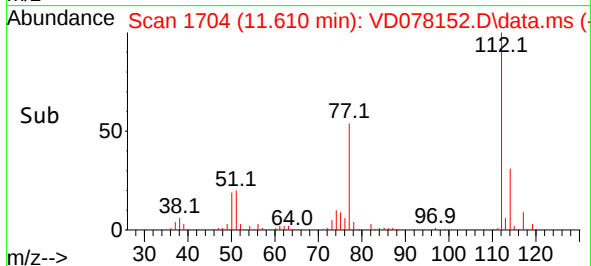
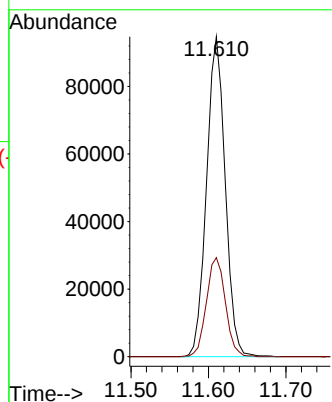
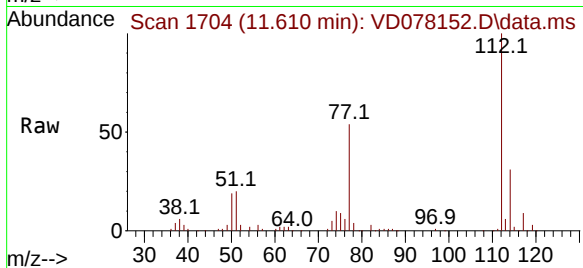




#65
Chlorobenzene
Concen: 44.112 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

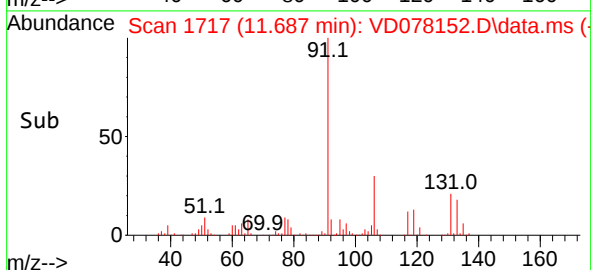
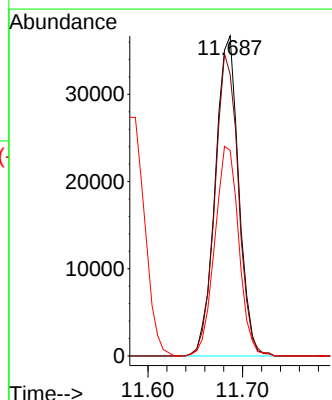
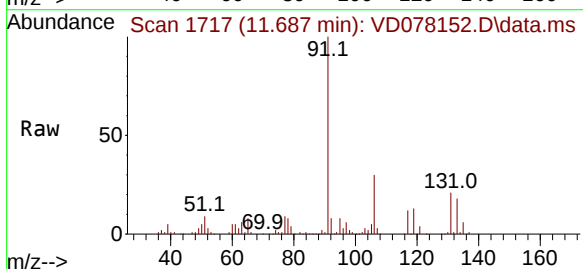
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

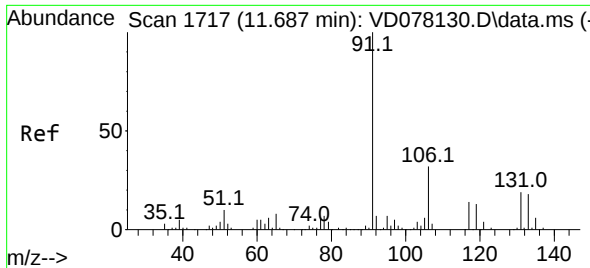
Tgt Ion:112 Resp: 158685
Ion Ratio Lower Upper
112 100
114 30.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 45.183 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion:131 Resp: 63138
Ion Ratio Lower Upper
131 100
133 94.4 48.5 145.5
119 67.2 35.6 106.9

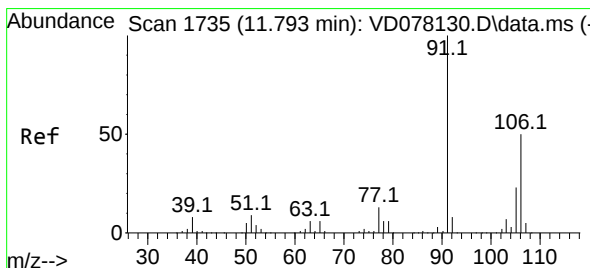
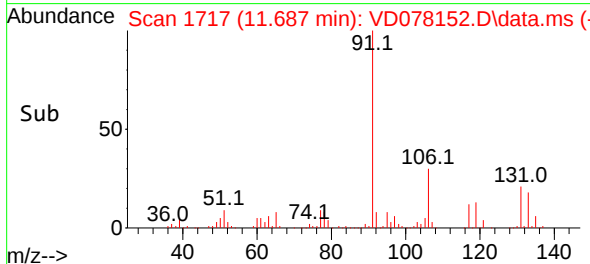
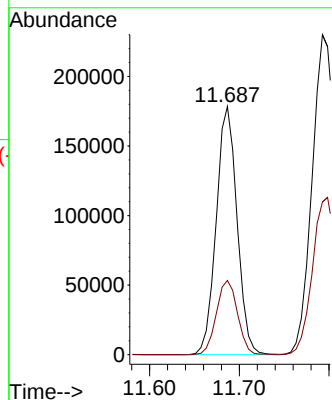
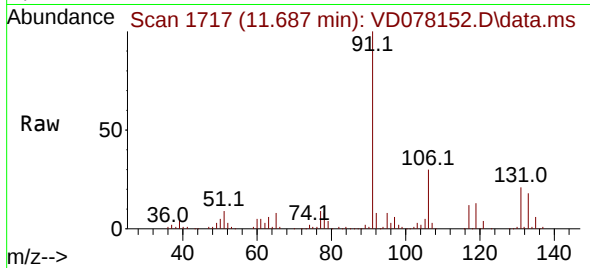




#67
Ethyl Benzene
Concen: 45.451 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

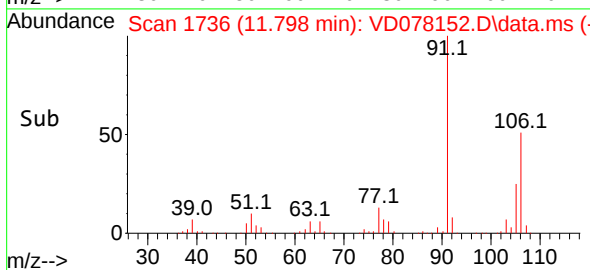
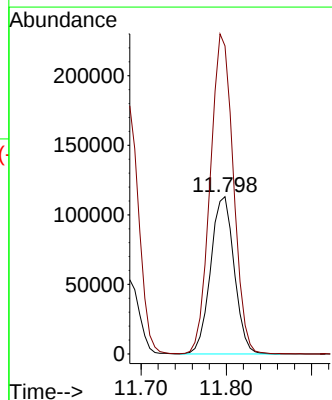
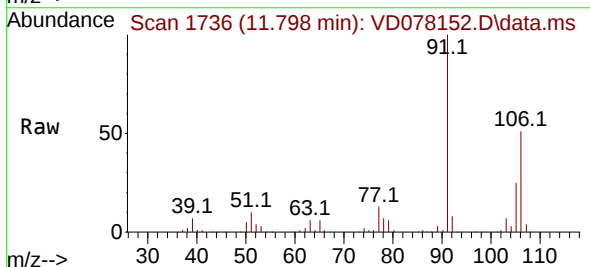
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

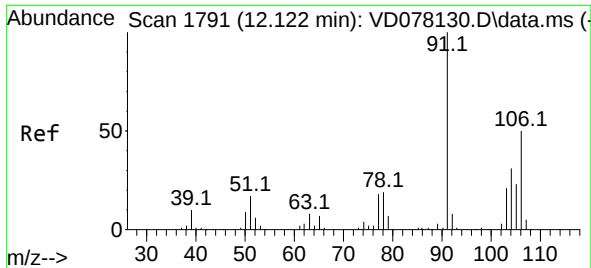
Tgt Ion: 91 Resp: 287133
Ion Ratio Lower Upper
91 100
106 29.9 26.5 39.7



#68
m/p-Xylenes
Concen: 89.131 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion:106 Resp: 217045
Ion Ratio Lower Upper
106 100
91 199.9 147.0 220.6

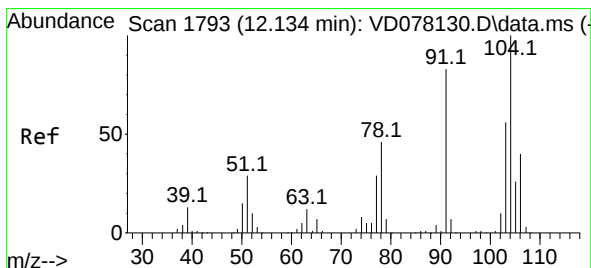
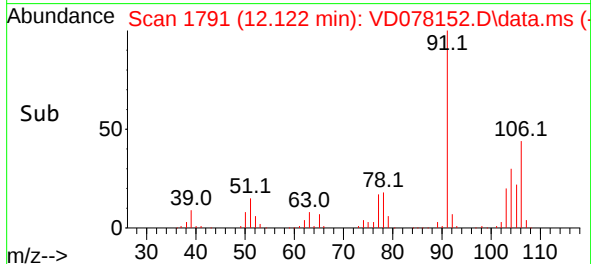
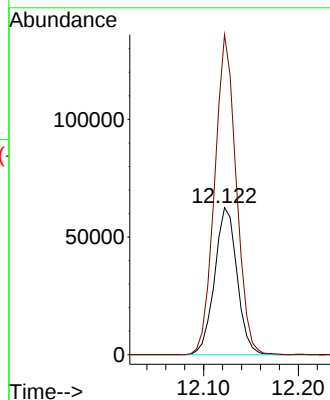
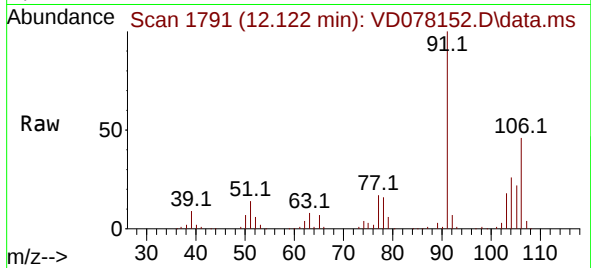




#69
o-Xylene
Concen: 45.591 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

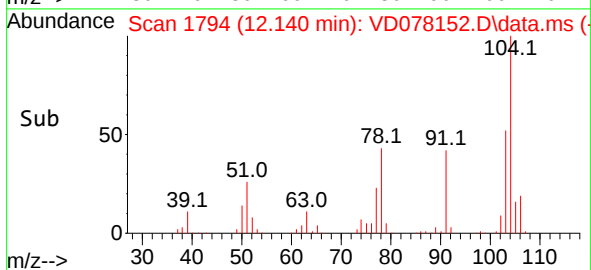
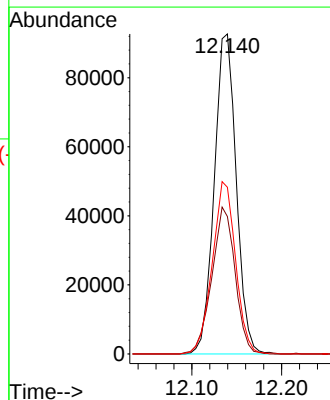
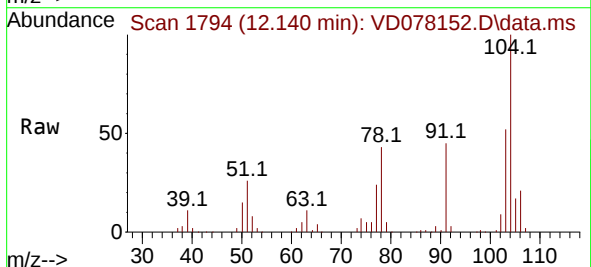
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

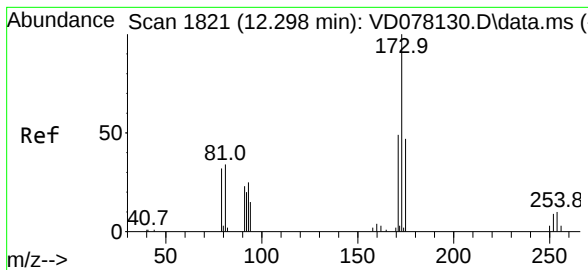
Tgt Ion:106 Resp: 102807
Ion Ratio Lower Upper
106 100
91 209.8 97.9 293.6



#70
Styrene
Concen: 45.957 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion:104 Resp: 157541
Ion Ratio Lower Upper
104 100
78 48.7 33.2 49.8
103 57.0 43.6 65.4





#71

Bromoform

Concen: 45.523 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

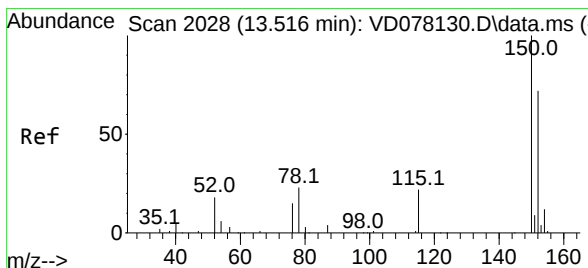
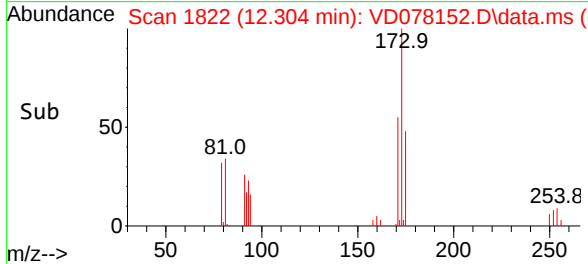
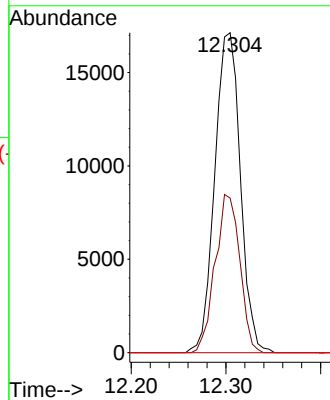
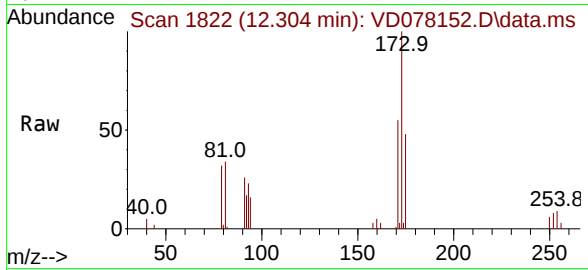
Tgt Ion:173 Resp: 32152

Ion Ratio Lower Upper

173 100

175 47.6 24.6 73.8

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. 0.006 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

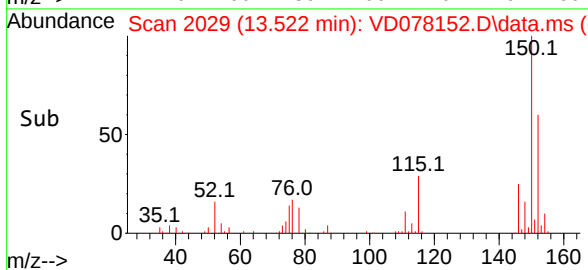
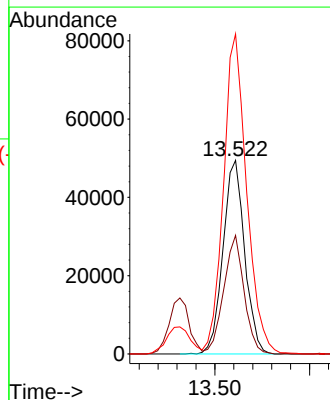
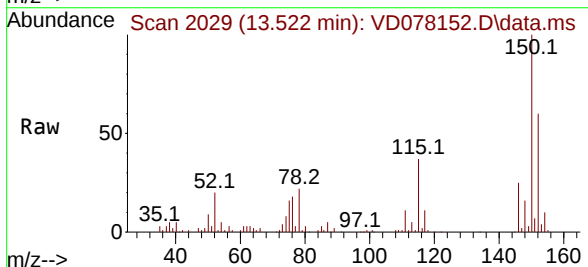
Tgt Ion:152 Resp: 78562

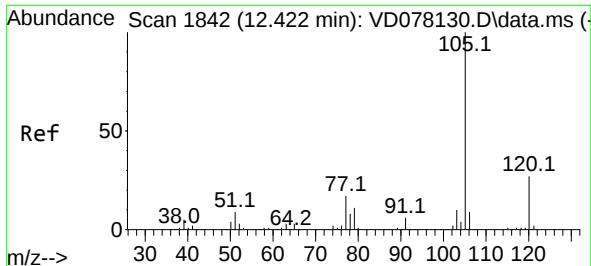
Ion Ratio Lower Upper

152 100

115 57.7 27.1 81.3

150 176.6 0.0 353.6

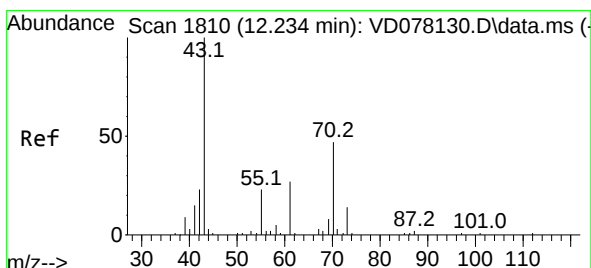
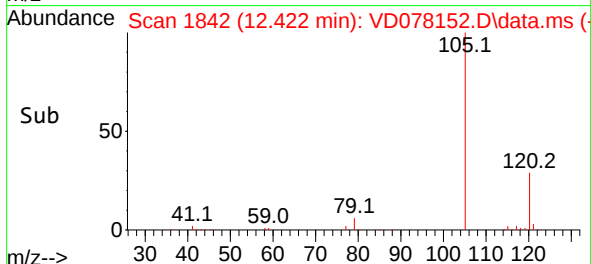
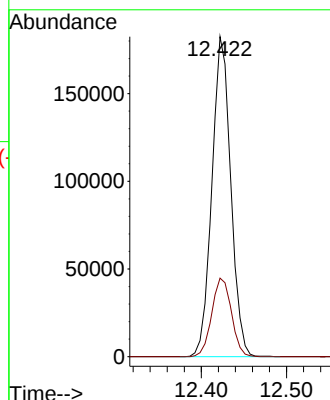
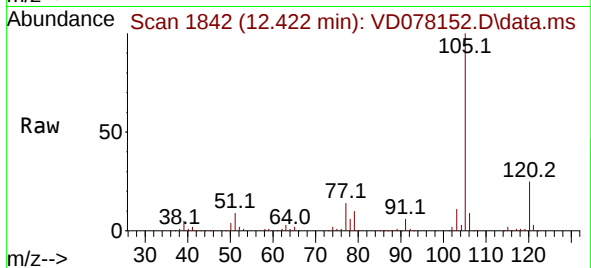




#73
Isopropylbenzene
Concen: 44.827 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

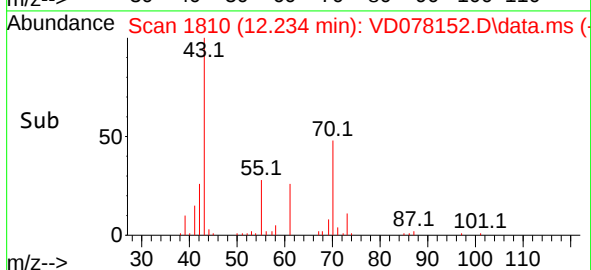
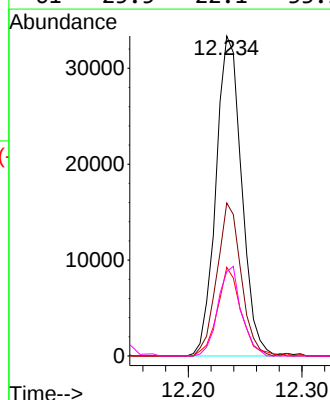
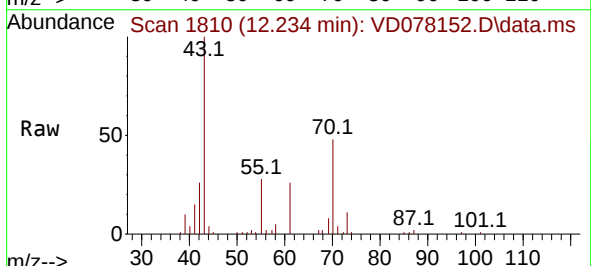
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

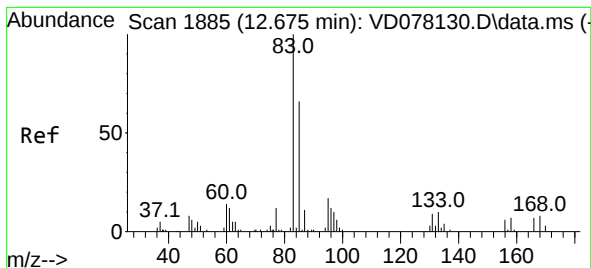
Tgt Ion:105 Resp: 280018
Ion Ratio Lower Upper
105 100
120 25.5 14.3 42.9



#74
N-ethyl acetate
Concen: 45.986 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion: 43 Resp: 52538
Ion Ratio Lower Upper
43 100
70 45.1 45.0 67.4
55 25.6 23.8 35.6
61 25.5 22.1 33.1

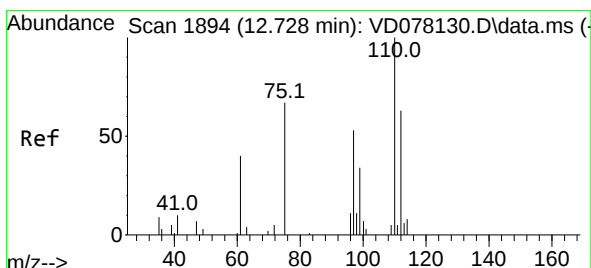
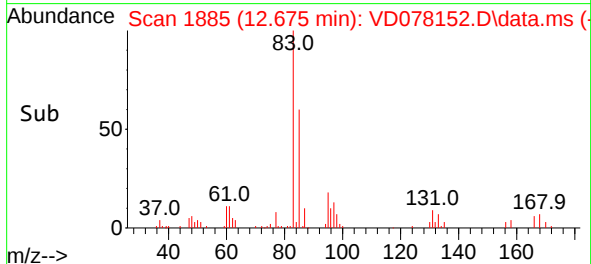
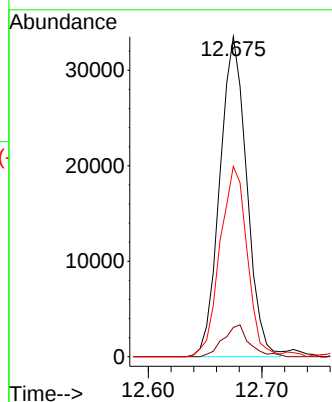
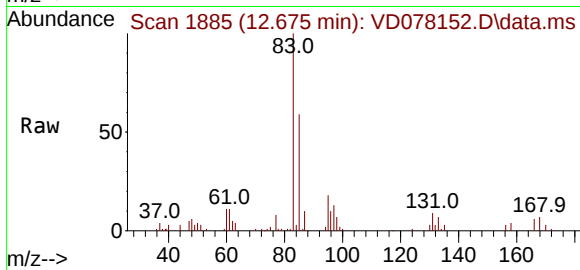




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.949 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD078152.D
 Acq: 11 Jan 2024 16:44

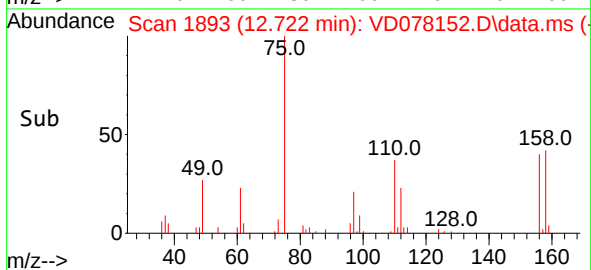
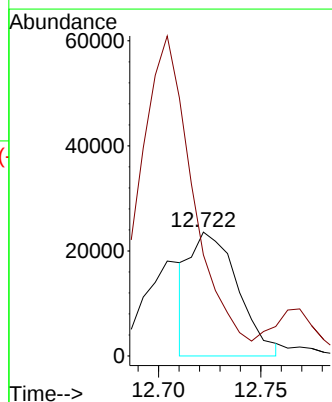
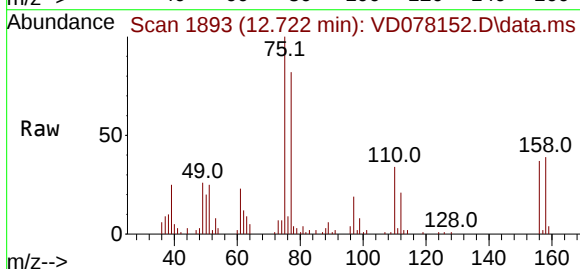
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

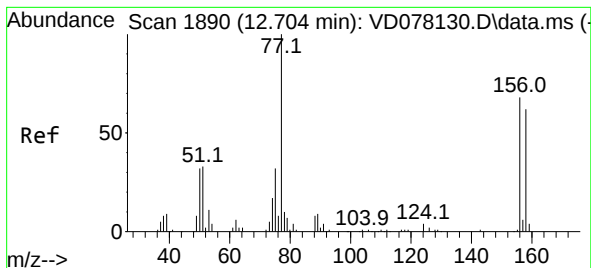
Tgt Ion: 83 Resp: 55186
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.1 15.3
 85 60.0 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 49.359 ug/l m
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VD078152.D
 Acq: 11 Jan 2024 16:44

Tgt Ion: 75 Resp: 38178
 Ion Ratio Lower Upper
 75 100
 77 292.4 0.0 0.0#





#77

Bromobenzene

Concen: 43.447 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

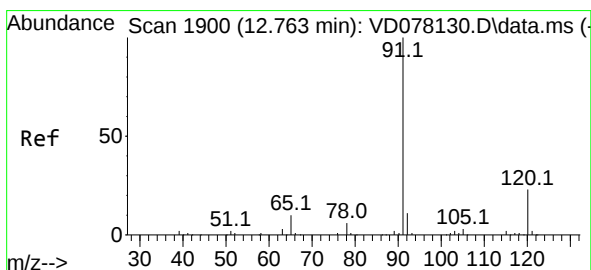
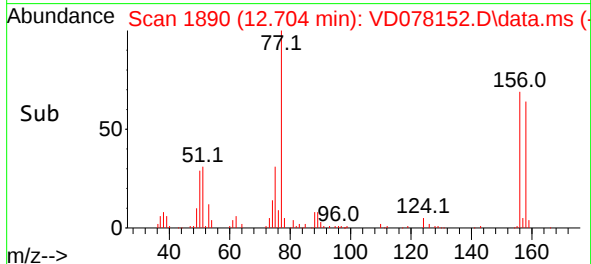
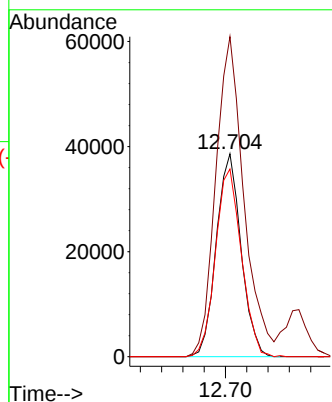
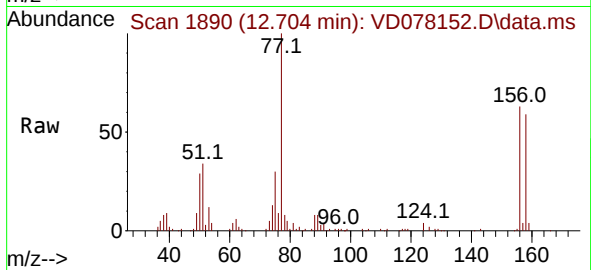
Tgt Ion:156 Resp: 62345

Ion Ratio Lower Upper

156 100

77 179.1 76.8 230.4

158 96.7 48.6 145.9



#78

n-propylbenzene

Concen: 45.143 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078152.D

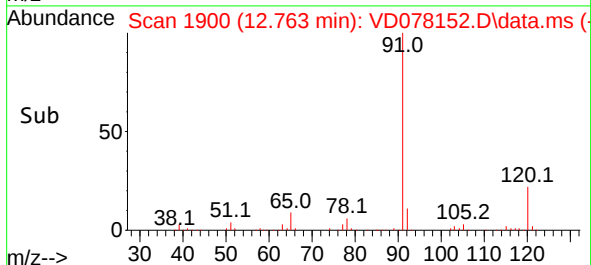
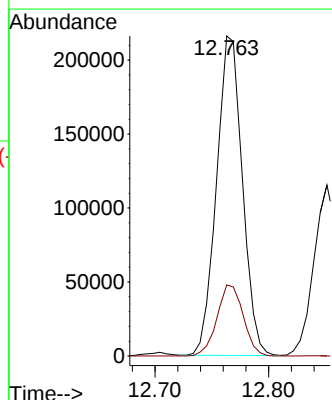
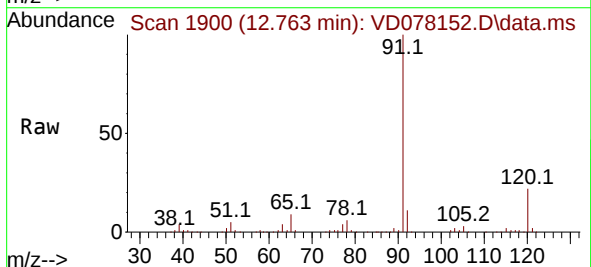
Acq: 11 Jan 2024 16:44

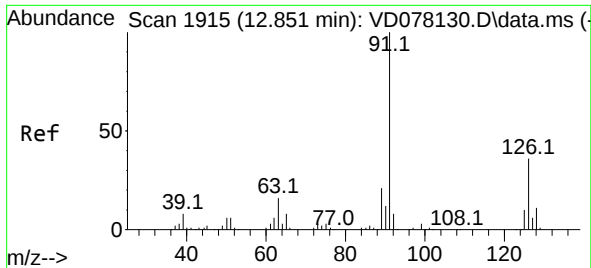
Tgt Ion: 91 Resp: 341807

Ion Ratio Lower Upper

91 100

120 22.5 12.4 37.2

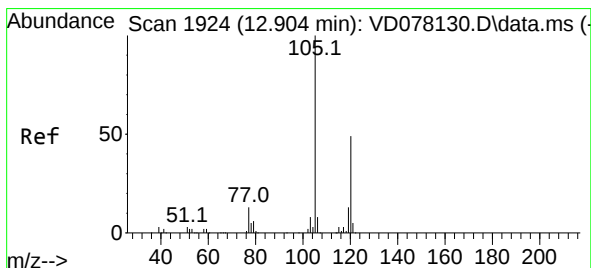
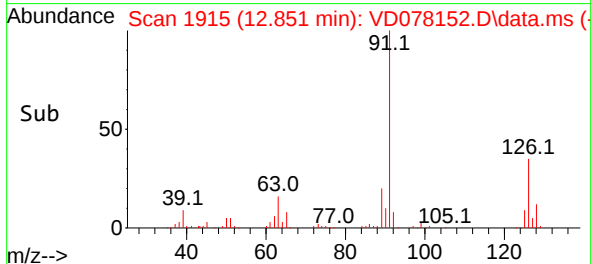
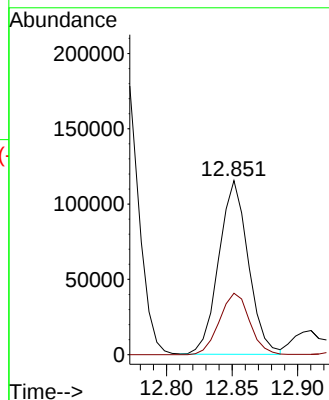
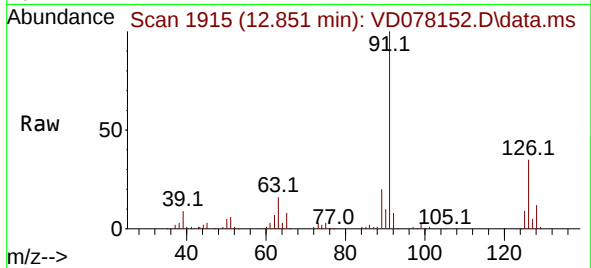




#79
2-Chlorotoluene
Concen: 44.882 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

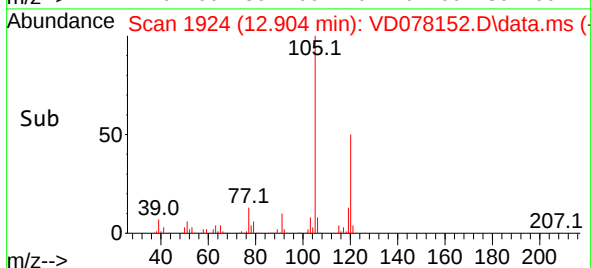
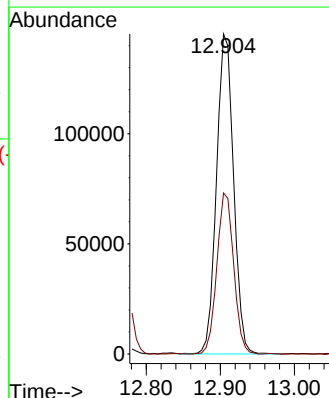
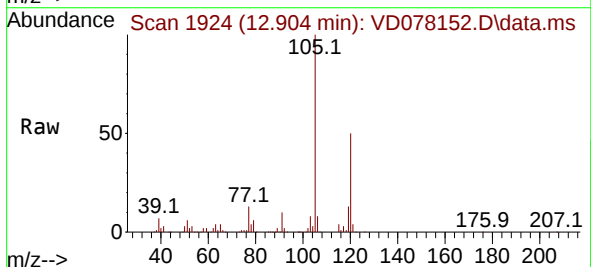
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

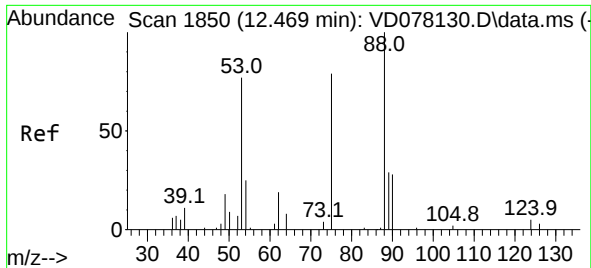
Tgt Ion: 91 Resp: 180812
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 44.848 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion: 105 Resp: 232504
Ion Ratio Lower Upper
105 100
120 49.6 26.4 79.2

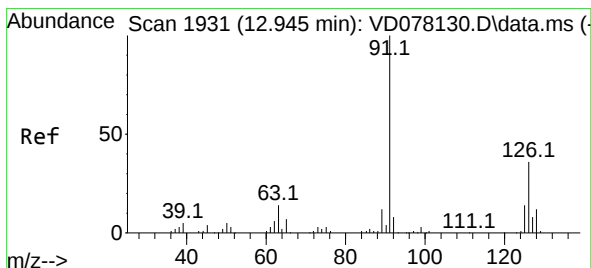
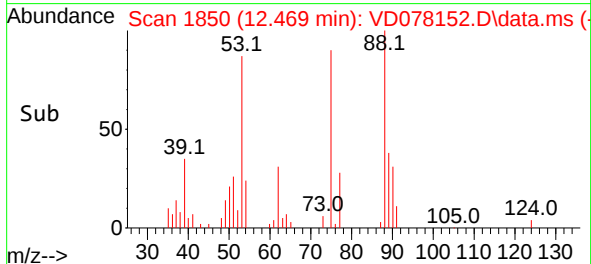
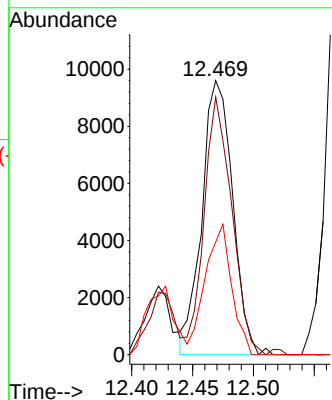
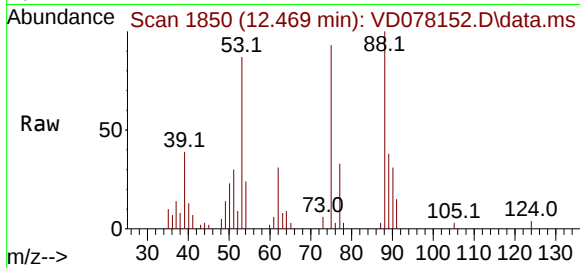




#81
trans-1,4-Dichloro-2-butene
Concen: 48.557 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

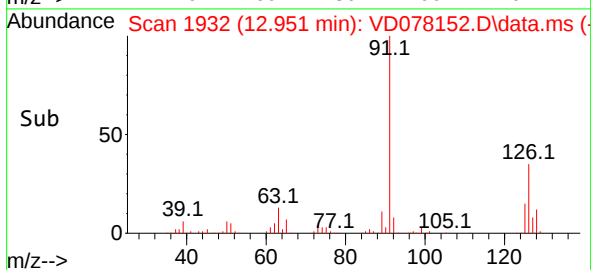
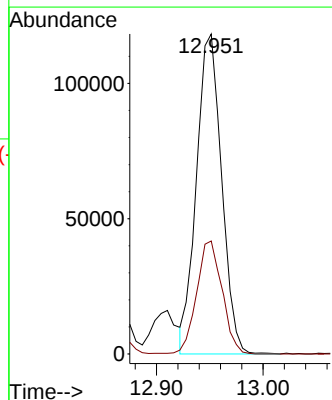
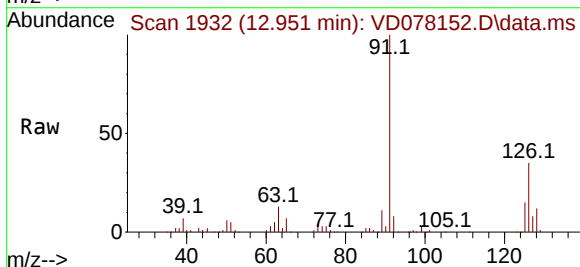
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

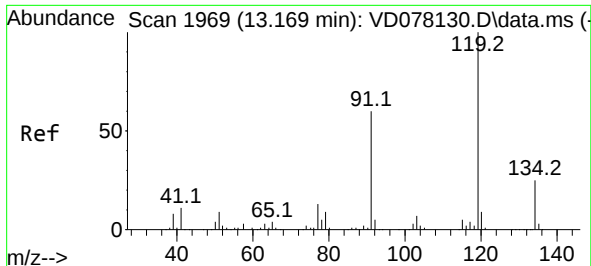
Tgt Ion:	75	Resp:	16853
Ion	Ratio	Lower	Upper
75	100		
53	85.1	63.0	94.4
89	40.9	37.9	56.9



#82
4-Chlorotoluene
Concen: 44.844 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion:	91	Resp:	194319
Ion	Ratio	Lower	Upper
91	100		
126	35.7	19.4	58.4

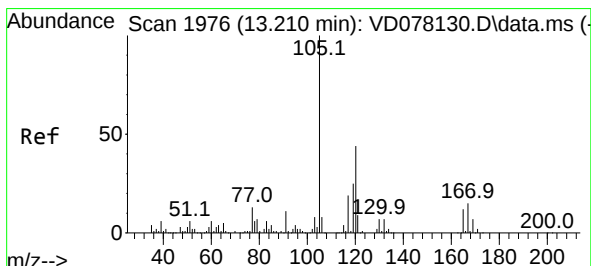
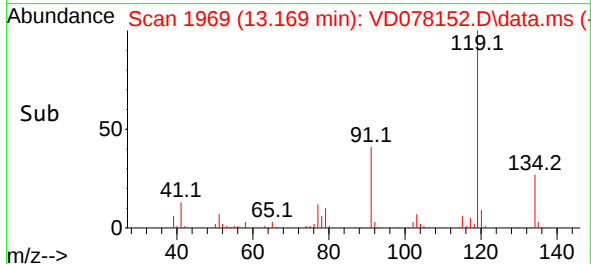
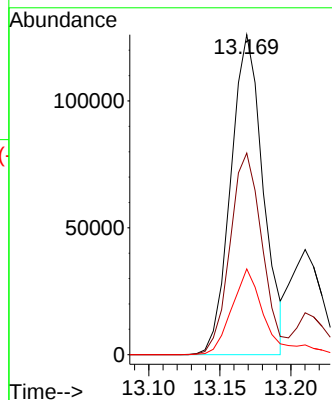
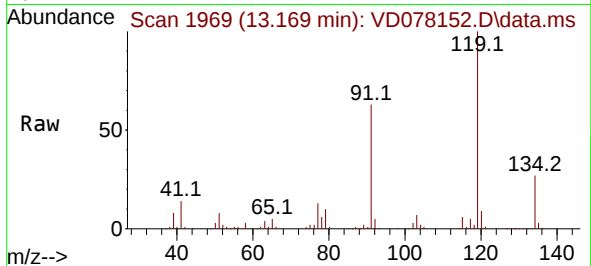




#83
tert-Butylbenzene
Concen: 43.990 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

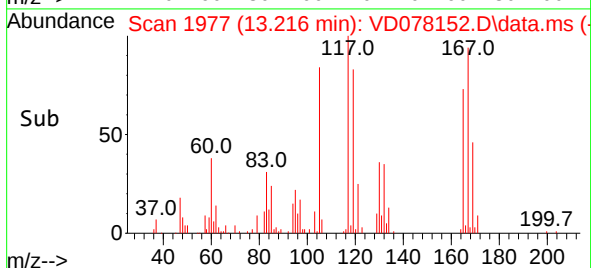
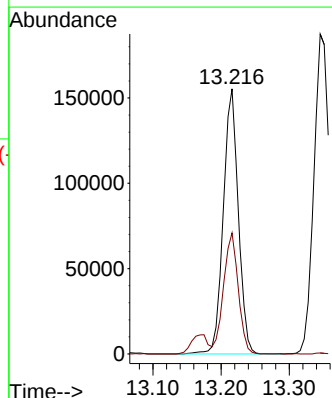
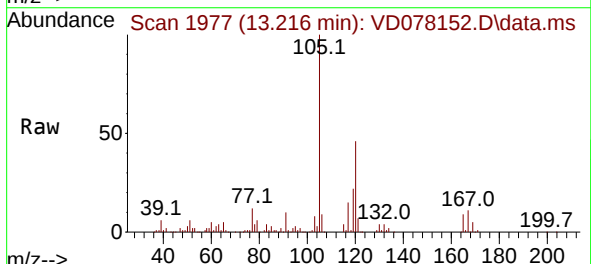
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

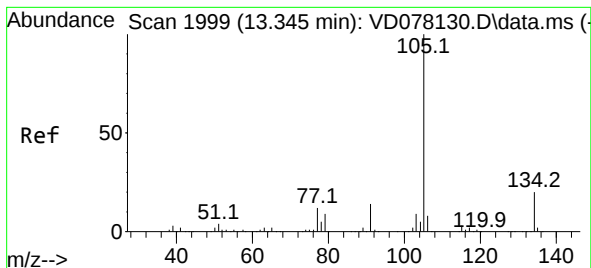
Tgt Ion:119 Resp: 199661
Ion Ratio Lower Upper
119 100
91 63.3 29.3 87.8
134 27.8 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 46.257 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion:105 Resp: 238073
Ion Ratio Lower Upper
105 100
120 44.7 24.3 72.9





#85

sec-Butylbenzene

Concen: 45.138 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

Instrument :

MSVOA_D

ClientSampleId :

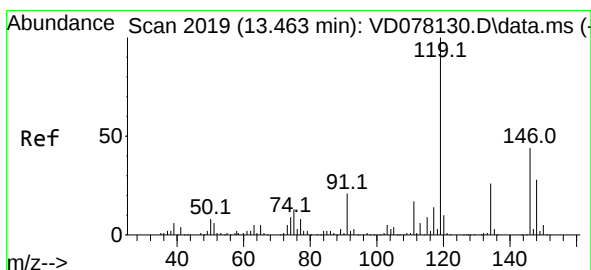
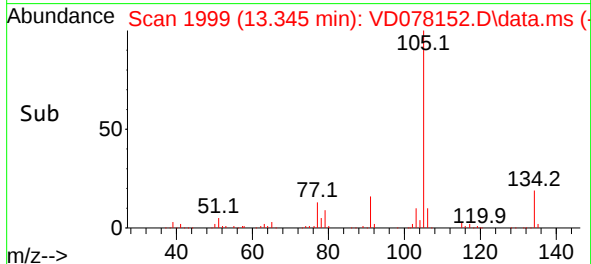
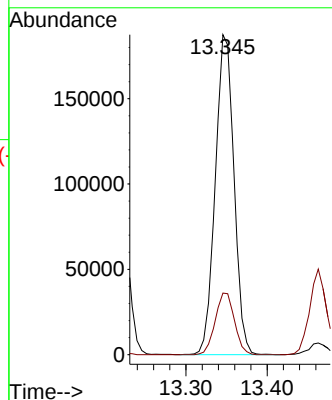
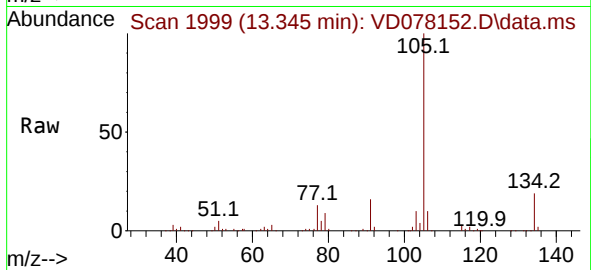
VSTDCCC050EC

Tgt Ion:105 Resp: 300162

Ion Ratio Lower Upper

105 100

134 19.8 10.9 32.9



#86

p-Isopropyltoluene

Concen: 43.672 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

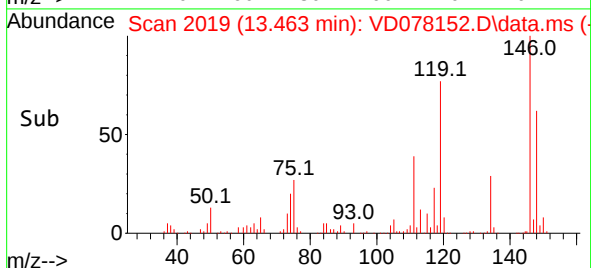
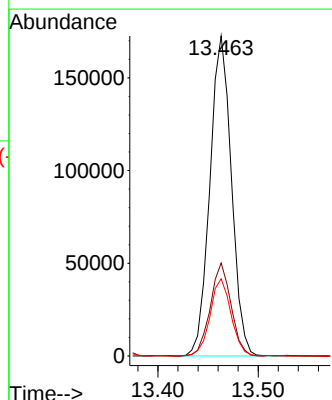
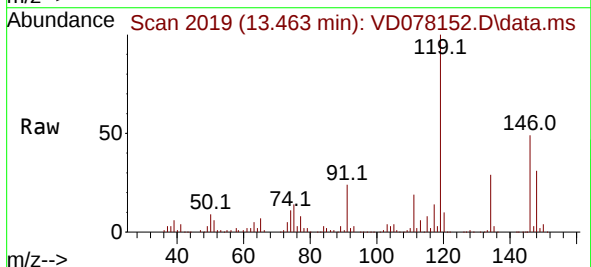
Tgt Ion:119 Resp: 257148

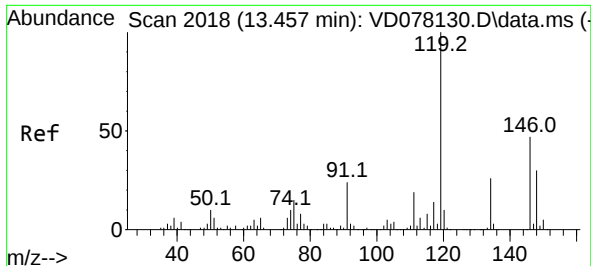
Ion Ratio Lower Upper

119 100

134 28.0 14.2 42.6

91 23.5 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 45.688 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

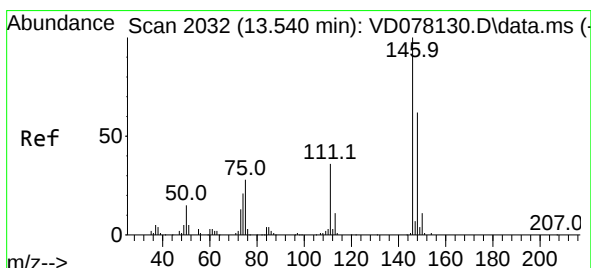
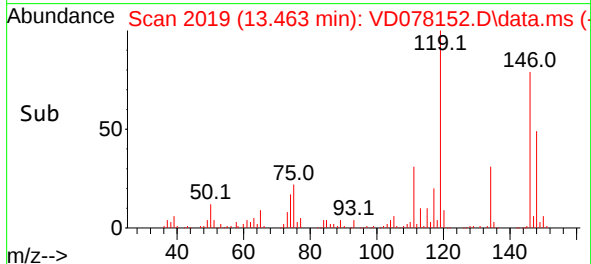
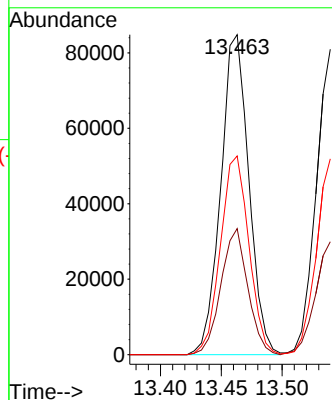
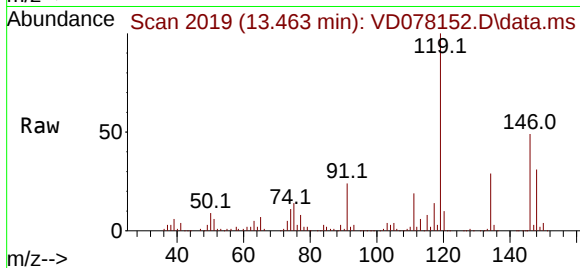
Tgt Ion:146 Resp: 136026

Ion Ratio Lower Upper

146 100

111 37.8 17.9 53.8

148 63.0 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 43.808 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078152.D

Acq: 11 Jan 2024 16:44

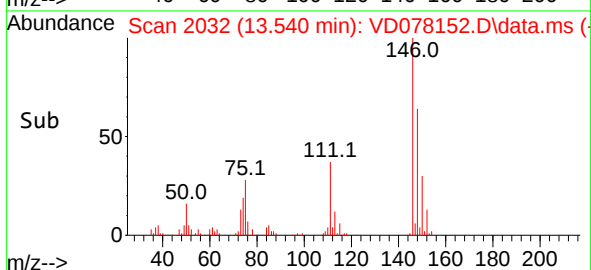
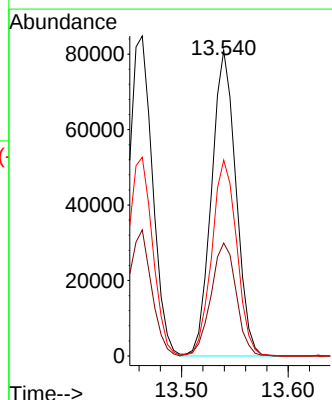
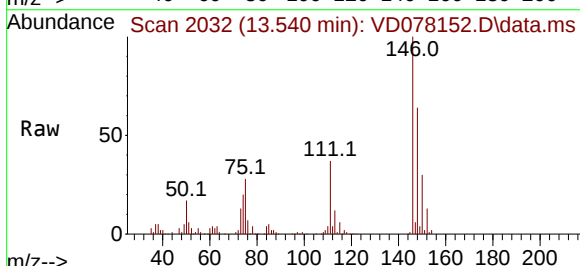
Tgt Ion:146 Resp: 128831

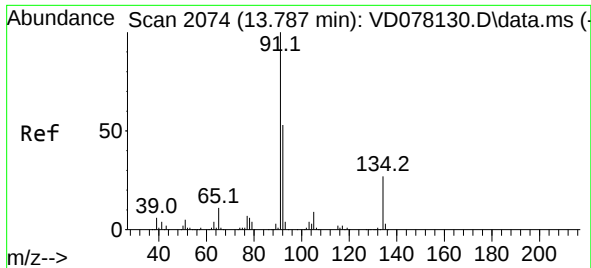
Ion Ratio Lower Upper

146 100

111 38.3 17.4 52.3

148 65.6 31.7 95.1

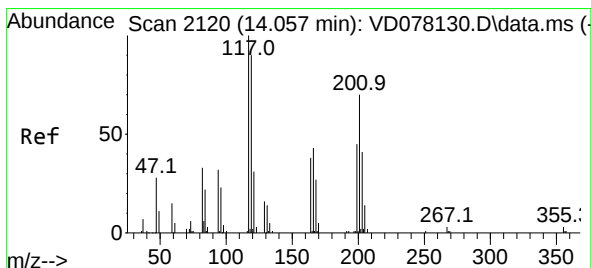
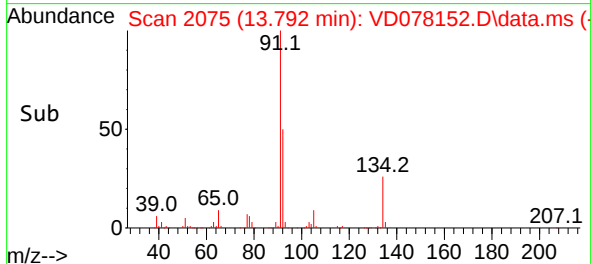
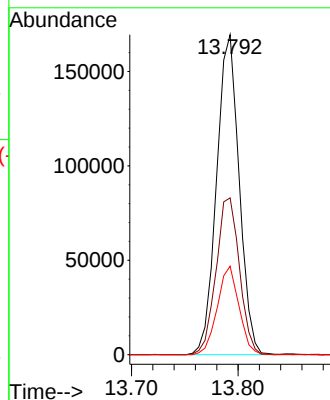
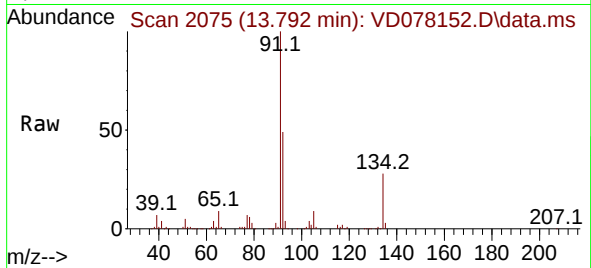




#89
n-Butylbenzene
Concen: 44.577 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

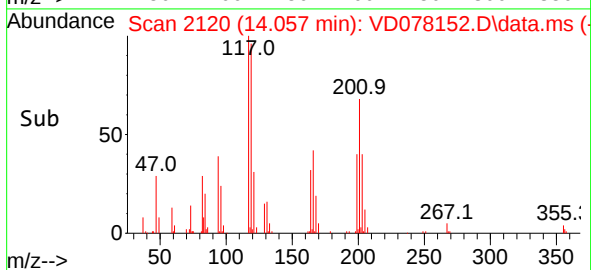
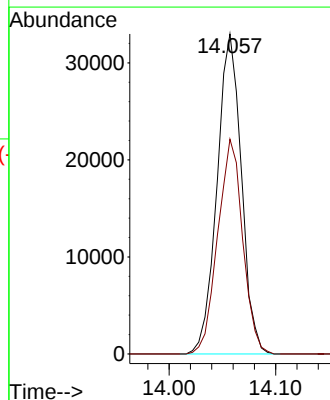
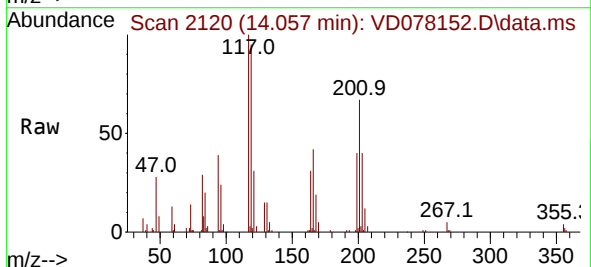
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

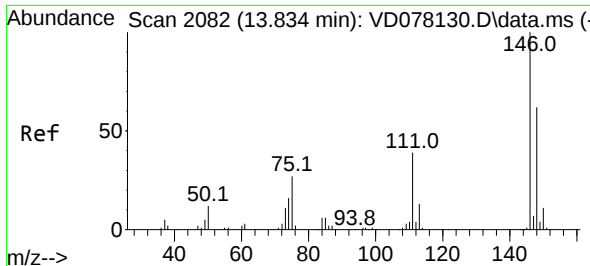
Tgt Ion: 91 Resp: 249254
Ion Ratio Lower Upper
91 100
92 50.8 26.5 79.5
134 26.6 13.8 41.3



#90
Hexachloroethane
Concen: 43.176 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion: 117 Resp: 52252
Ion Ratio Lower Upper
117 100
201 68.8 38.5 115.5

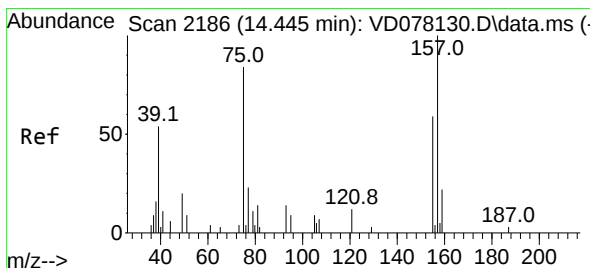
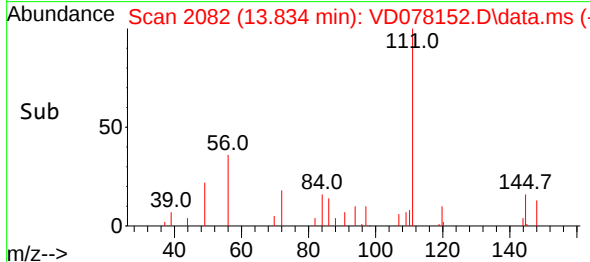
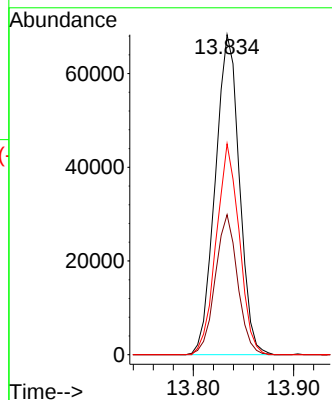
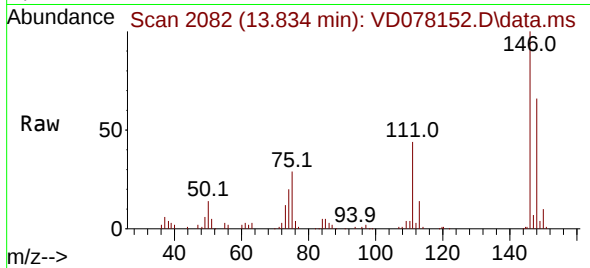




#91
1,2-Dichlorobenzene
Concen: 44.404 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

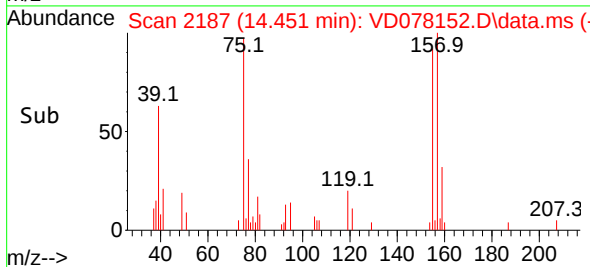
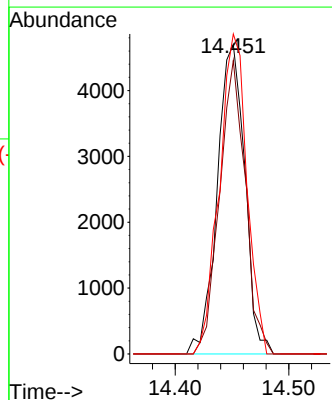
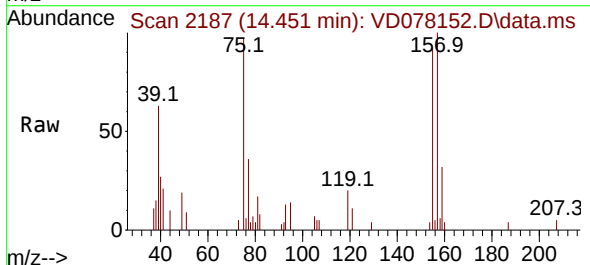
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

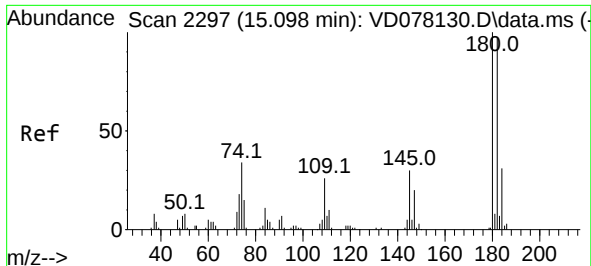
Tgt Ion:146 Resp: 114044
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 62.9 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.713 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion: 75 Resp: 7918
Ion Ratio Lower Upper
75 100
155 88.7 47.9 143.8
157 103.9 59.9 179.7

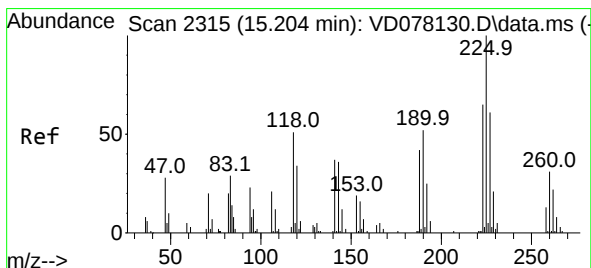
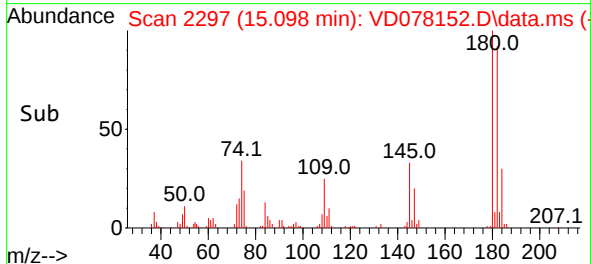
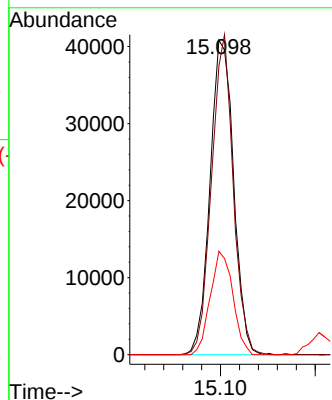
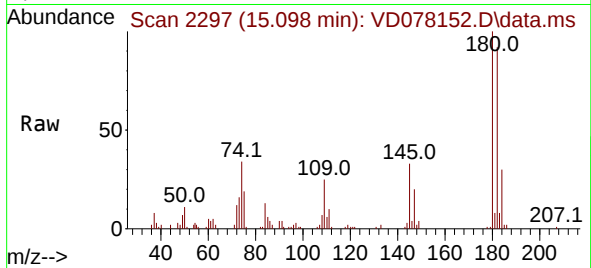




#93
 1,2,4-Trichlorobenzene
 Concen: 44.370 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078152.D
 Acq: 11 Jan 2024 16:44

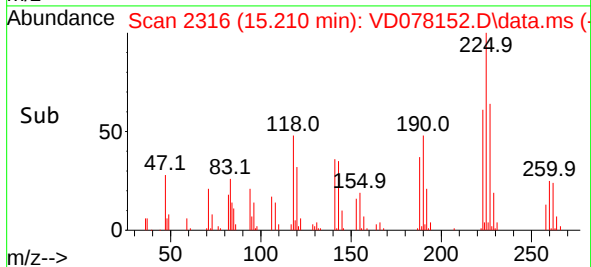
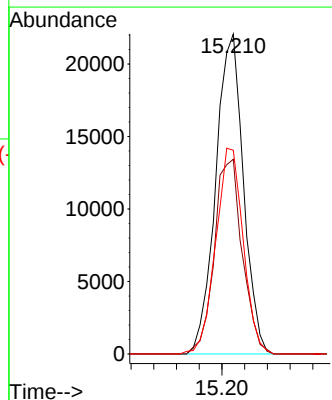
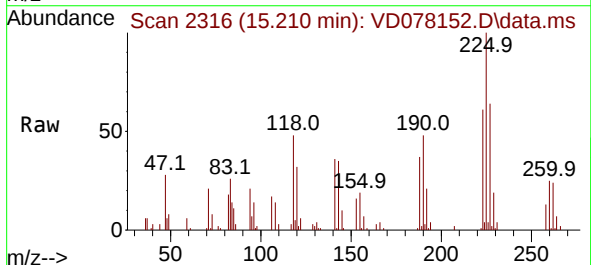
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

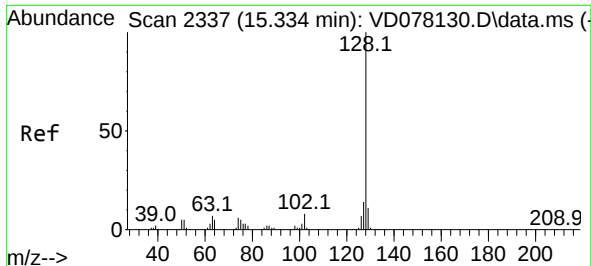
Tgt Ion:180 Resp: 70563
 Ion Ratio Lower Upper
 180 100
 182 93.4 48.5 145.6
 145 31.5 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 41.631 ug/l
 RT: 15.210 min Scan# 2316
 Delta R.T. 0.006 min
 Lab File: VD078152.D
 Acq: 11 Jan 2024 16:44

Tgt Ion:225 Resp: 37354
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.6 94.8
 227 63.9 31.7 95.1

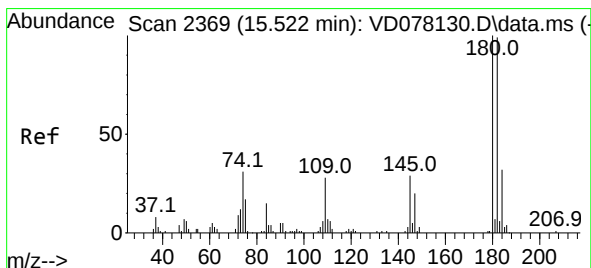
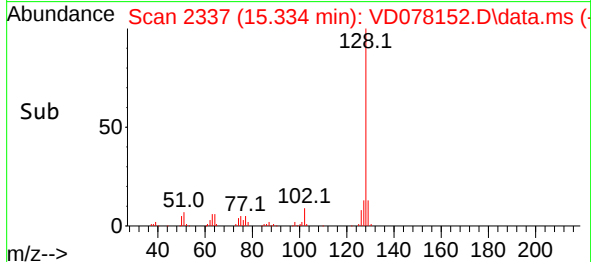
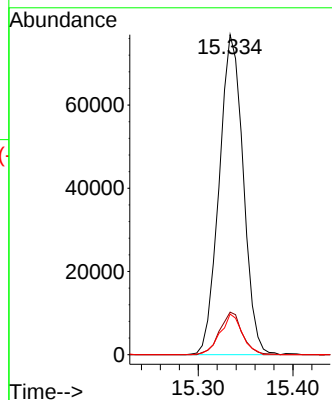
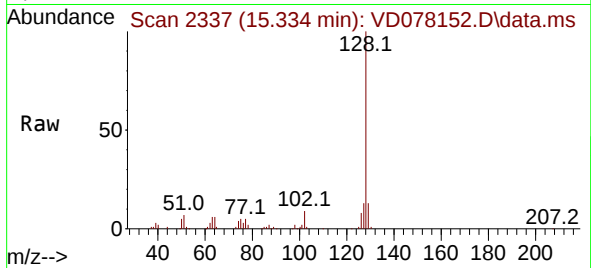




#95
Naphthalene
Concen: 48.197 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 135880
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 12.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.773 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078152.D
Acq: 11 Jan 2024 16:44

Tgt Ion:180 Resp: 63437
Ion Ratio Lower Upper
180 100
182 92.8 47.3 141.9
145 31.7 15.1 45.3

