

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022824\
 Data File : VD078567.D
 Acq On : 28 Feb 2024 14:58
 Operator : RP/MD
 Sample : P1601-04
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 28 23:06:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM022724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 28 23:05:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	168805	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	171149	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	75420	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	137118	21.649	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.600%
7) Chloroethane-d5	2.805	69	131830	23.564	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.240%
11) 1,1-Dichloroethene-d2	3.922	65	26543	25.544	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.160%
21) 2-Butanone-d5	6.987	46	26847	55.626	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.260%
24) Chloroform-d	7.569	84	114724	24.324	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.280%
26) 1,2-Dichloroethane-d4	8.234	65	61150	26.775	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.080%
32) Benzene-d6	8.199	84	243602	24.857	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.440%
36) 1,2-Dichloropropane-d6	9.210	67	74844	25.827	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.320%
41) Toluene-d8	10.269	98	220429	24.343	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.360%
43) trans-1,3-Dichloroprop...	10.522	79	31138	25.753	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.000%
47) 2-Hexanone-d5	10.875	63	25354	58.236	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.480%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	65161	26.934	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	66856	25.230	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	3606	1.174	ug/L	91
3) Chloromethane	2.152	50	4598	1.026	ug/L #	82
5) Vinyl chloride	2.287	62	7657	1.093	ug/L	92
6) Bromomethane	2.699	94	4860	1.287	ug/L	89
8) Chloroethane	2.846	64	5182	1.119	ug/L	87
9) Trichlorofluoromethane	3.175	101	4636	1.136	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	3.928	101	1160	0.436	ug/L #	66
12) 1,1-Dichloroethene	3.940	96	2165	0.951	ug/L #	1
14) Carbon disulfide	4.269	76	9117	1.193	ug/L	99
15) Methyl Acetate	4.564	43	420	0.516	ug/L #	89
16) Methylene chloride	4.799	84	4376	1.411	ug/L	96
17) trans-1,2-Dichloroethene	5.311	96	2870	1.139	ug/L	88
18) Methyl tert-butyl Ether	5.311	73	2771	0.579	ug/L #	86
19) 1,1-Dichloroethane	6.099	63	1392	0.329	ug/L #	78
20) cis-1,2-Dichloroethene	7.075	96	1757	0.639	ug/L #	49
22) 2-Butanone	7.093	43	1201	1.832	ug/L #	65
23) Bromochloromethane	7.434	128	884	0.724	ug/L #	84
25) Chloroform	7.587	83	12769	2.674	ug/L	94
27) 1,2-Dichloroethane	8.328	62	3142	1.194	ug/L #	91

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 QLast Update : Wed Feb 28 23:05:03 2024
 Response via : Initial Calibration

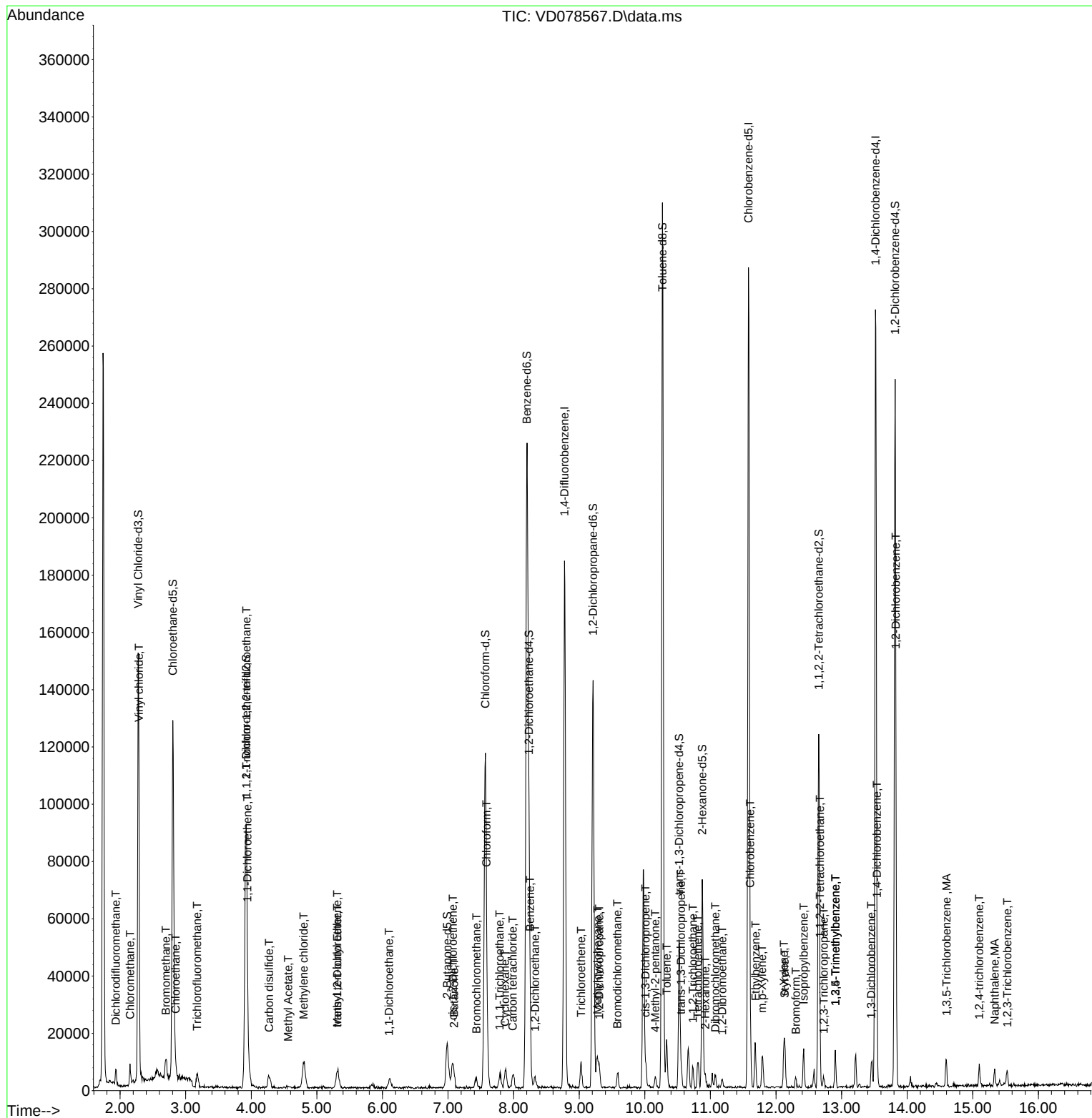
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.869	56	2180	0.662	ug/L #	64
30) 1,1,1-Trichloroethane	7.787	97	3781	0.966	ug/L #	78
31) Carbon tetrachloride	7.987	117	1932	0.554	ug/L	81
33) Benzene	8.252	78	11000	1.074	ug/L	100
34) Trichloroethene	9.028	95	3025	1.136	ug/L	91
35) Methylcyclohexane	9.281	83	4219	0.982	ug/L	94
37) 1,2-Dichloropropane	9.304	63	3007	1.193	ug/L #	86
38) Bromodichloromethane	9.581	83	3828	1.114	ug/L #	85
39) cis-1,3-Dichloropropene	10.010	75	3731	0.953	ug/L	92
40) 4-Methyl-2-pentanone	10.157	43	2251	1.937	ug/L #	76
42) Toluene	10.334	91	11266	1.004	ug/L	82
44) trans-1,3-Dichloropropene	10.551	75	4973	1.472	ug/L #	72
45) 1,1,2-Trichloroethane	10.734	97	2284	1.120	ug/L #	83
46) Tetrachloroethene	10.804	164	1186	0.542	ug/L	80
48) 2-Hexanone	10.922	43	2313	2.399	ug/L #	61
49) Dibromochloromethane	11.075	129	1307	0.546	ug/L	88
50) 1,2-Dibromoethane	11.181	107	2241	1.156	ug/L #	94
51) Chlorobenzene	11.604	112	7604	1.028	ug/L #	78
52) Ethylbenzene	11.687	91	11035	0.905	ug/L	91
53) m,p-Xylene	11.787	106	4217	0.896	ug/L	67
54) o-Xylene	12.122	106	3332	0.729	ug/L	99
55) Styrene	12.134	104	5515	0.680	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	3118	1.313	ug/L #	91
59) Bromoform	12.304	173	620	0.502	ug/L #	13
60) Isopropylbenzene	12.422	105	8981	0.876	ug/L #	91
61) 1,2,3-Trichloropropane	12.728	75	1704	1.338	ug/L #	88
62) 1,3,5-Trimethylbenzene	12.904	105	6823	0.876	ug/L	100
63) 1,2,4-Trimethylbenzene	12.904	105	6823	0.893	ug/L	94
64) 1,3-Dichlorobenzene	13.451	146	4567	0.966	ug/L	81
65) 1,4-Dichlorobenzene	13.540	146	5462	1.098	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	4812	1.116	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.598	180	3244	1.061	ug/L #	90
70) 1,2,4-trichlorobenzene	15.098	180	2544	0.997	ug/L #	93
71) Naphthalene	15.334	128	4944	1.059	ug/L #	84
72) 1,2,3-Trichlorobenzene	15.528	180	978	0.433	ug/L #	39

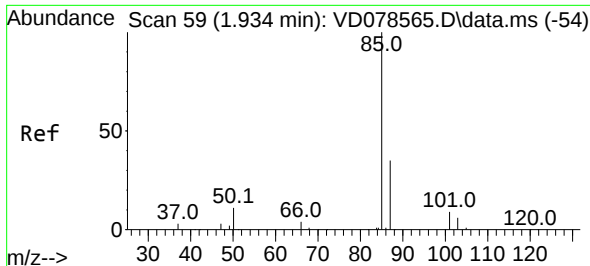
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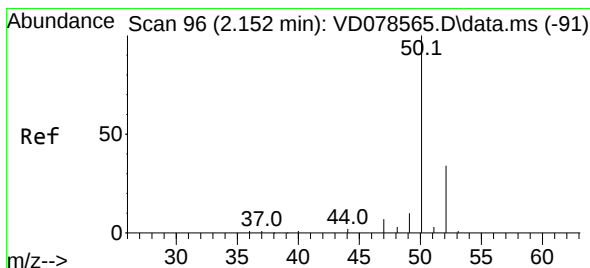
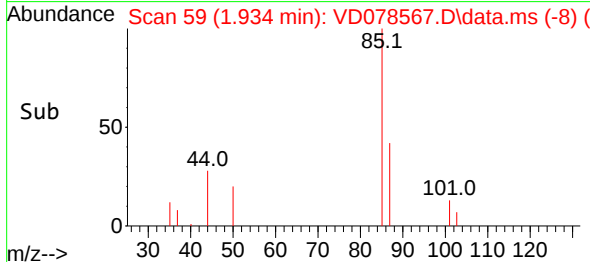
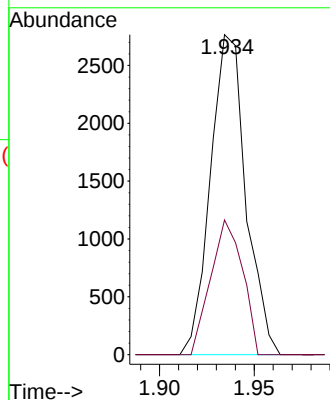
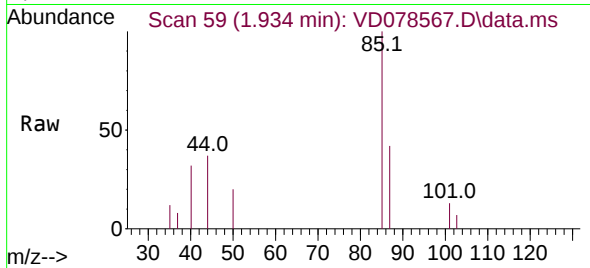




#2
Dichlorodifluoromethane
Concen: 1.174 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

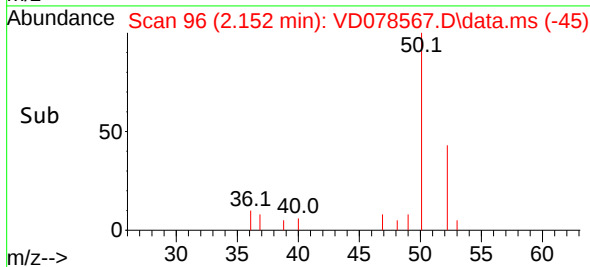
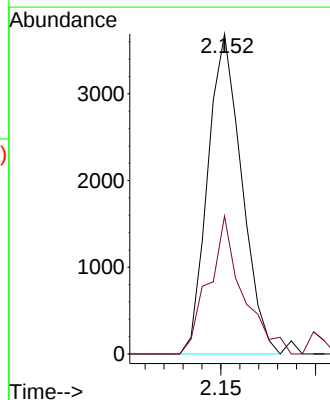
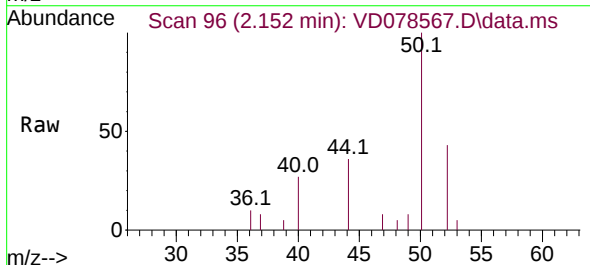
Instrument :
MSVOA_D
ClientSampleId :

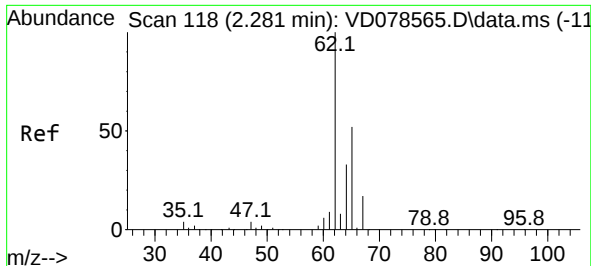
Tgt Ion: 85 Resp: 3606
Ion Ratio Lower Upper
85 100
87 37.9 26.2 39.2



#3
Chloromethane
Concen: 1.026 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

Tgt Ion: 50 Resp: 4598
Ion Ratio Lower Upper
50 100
52 43.1 23.1 42.9#

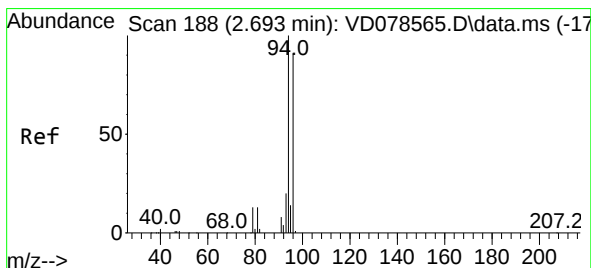
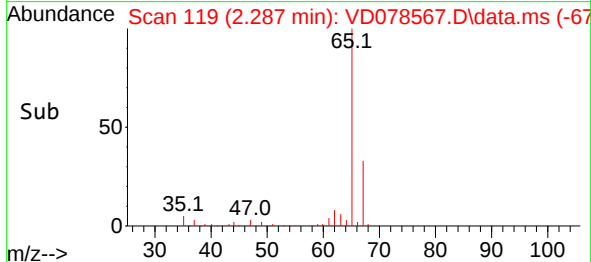
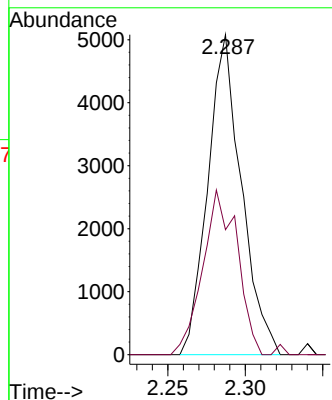
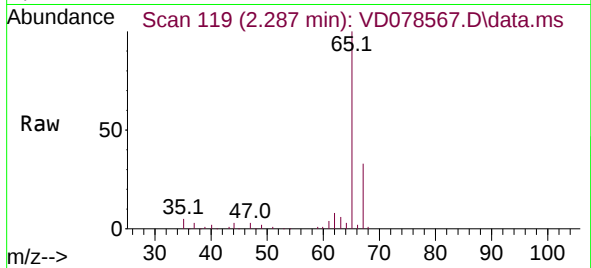




#5
 Vinyl chloride
 Concen: 1.093 ug/L
 RT: 2.287 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD078567.D
 Acq: 28 Feb 2024 14:58

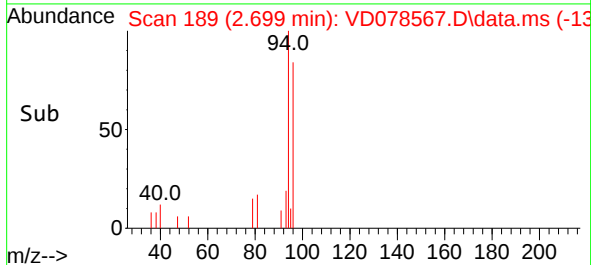
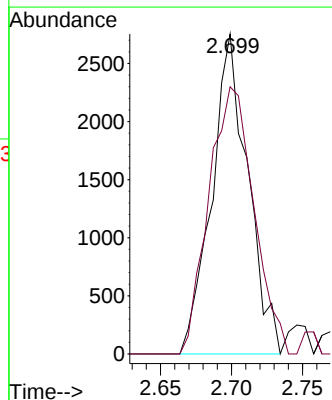
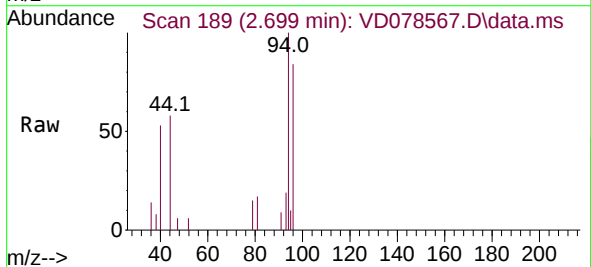
Instrument :
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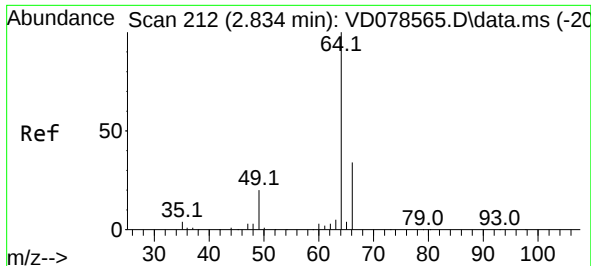
Tgt Ion: 62 Resp: 7657
 Ion Ratio Lower Upper
 62 100
 64 39.0 24.0 44.6



#6
 Bromomethane
 Concen: 1.287 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.006 min
 Lab File: VD078567.D
 Acq: 28 Feb 2024 14:58

Tgt Ion: 94 Resp: 4860
 Ion Ratio Lower Upper
 94 100
 96 83.5 65.9 122.5

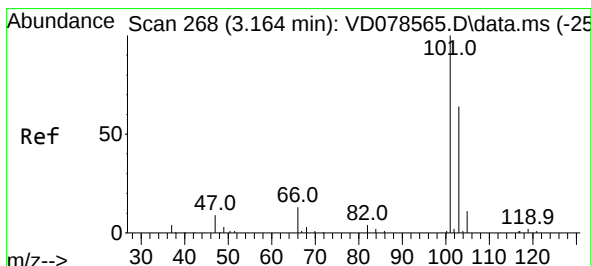
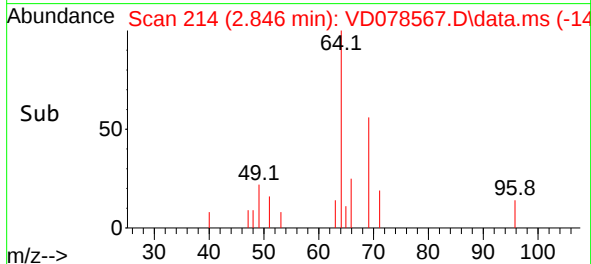
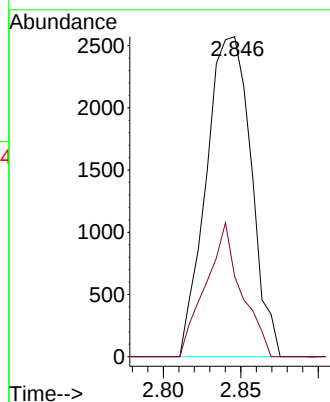
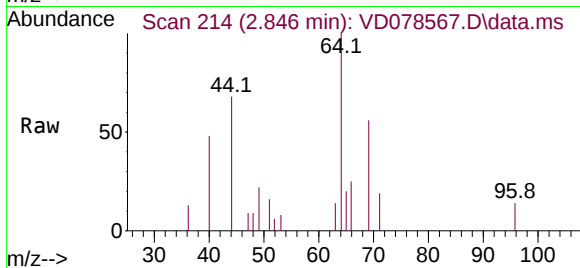




#8
Chloroethane
Concen: 1.119 ug/L
RT: 2.846 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

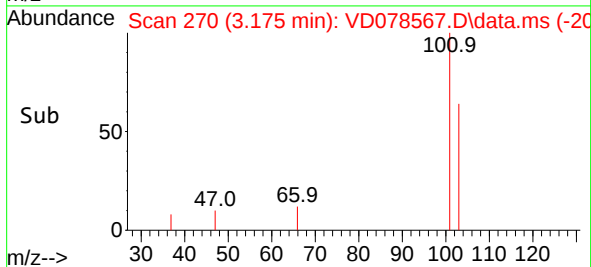
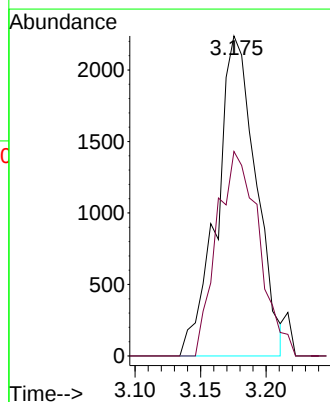
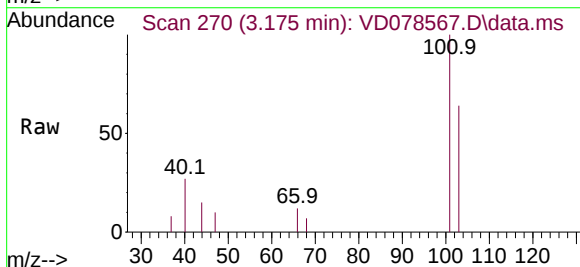
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MSVOA_D
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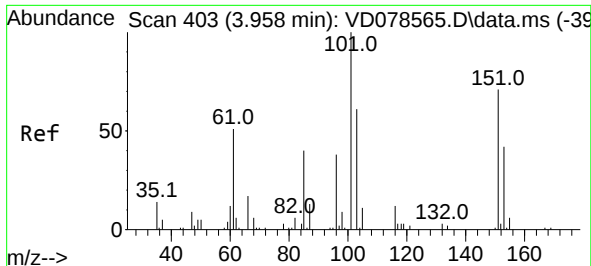
Tgt Ion: 64 Resp: 5182
Ion Ratio Lower Upper
64 100
66 25.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 1.136 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.012 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

Tgt Ion:101 Resp: 4636
Ion Ratio Lower Upper
101 100
103 68.9 51.8 77.6

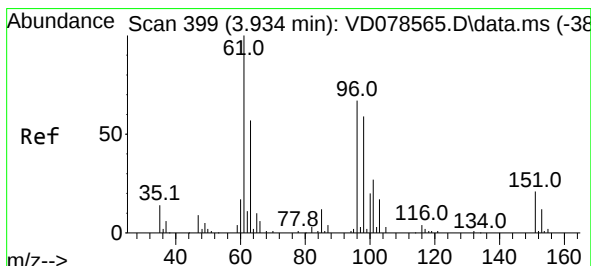
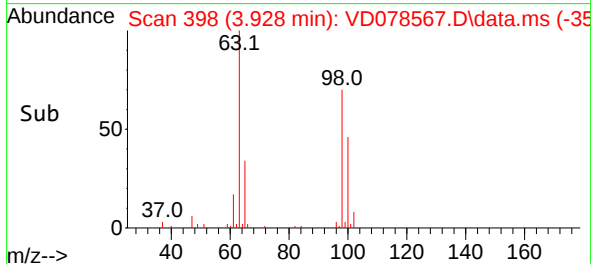
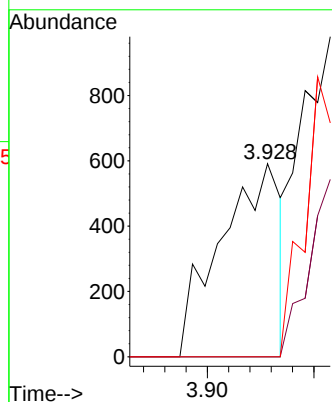
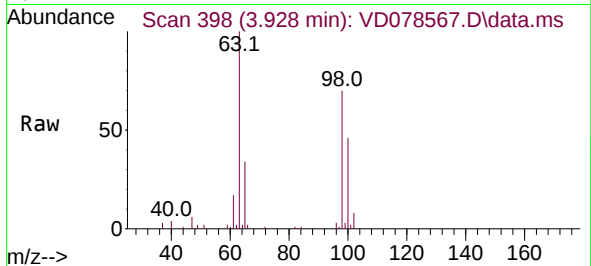




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.436 ug/L
 RT: 3.928 min Scan# 398
 Delta R.T. -0.029 min
 Lab File: VD078567.D
 Acq: 28 Feb 2024 14:58

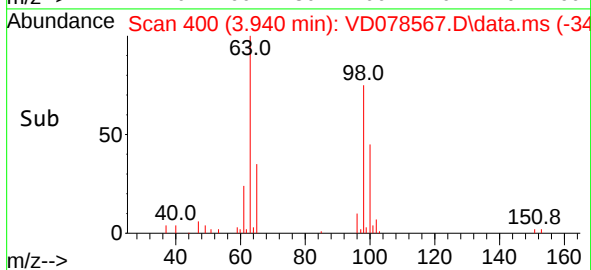
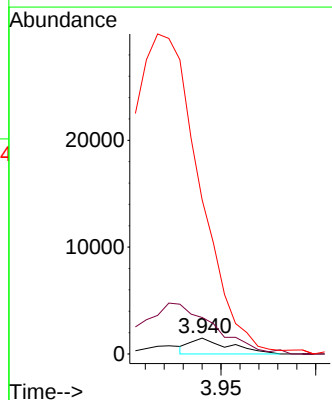
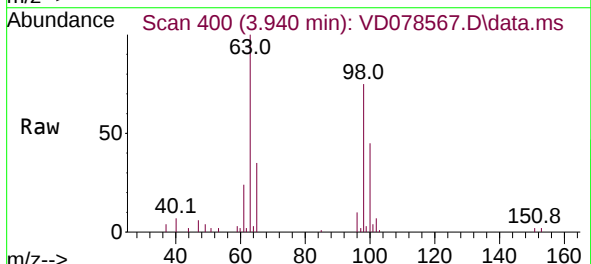
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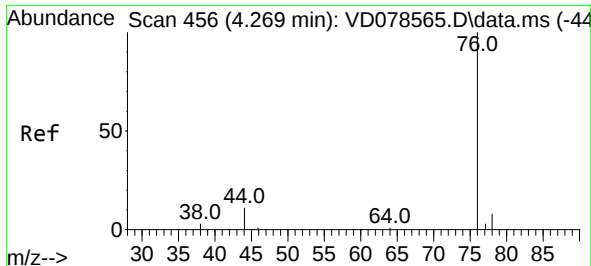
Tgt Ion:101 Resp: 1160
 Ion Ratio Lower Upper
 101 100
 85 54.3 36.2 54.2#
 151 110.3 57.3 85.9#



#12
 1,1-Dichloroethene
 Concen: 0.951 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.006 min
 Lab File: VD078567.D
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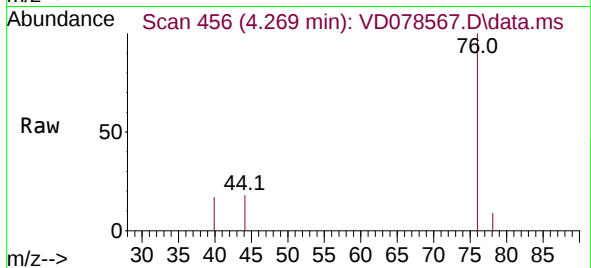
Tgt Ion: 96 Resp: 2165
 Ion Ratio Lower Upper
 96 100
 61 229.7 99.3 184.3#
 63 971.4 60.6 112.6#



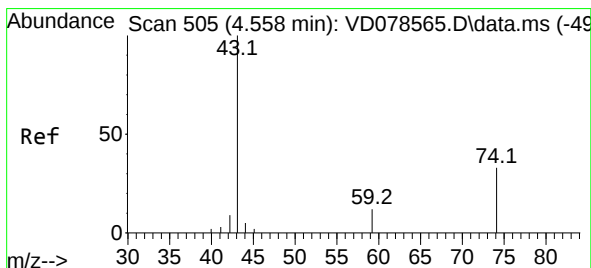
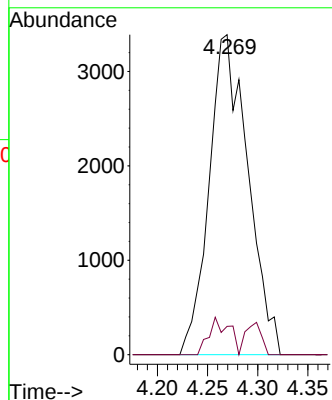
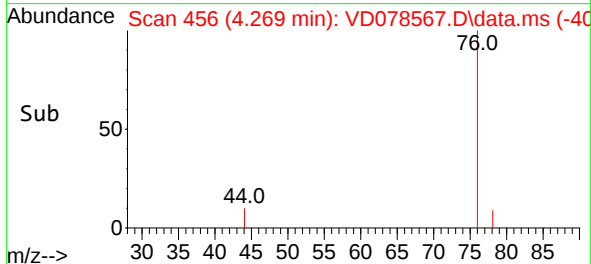


#14
Carbon disulfide
Concen: 1.193 ug/L
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
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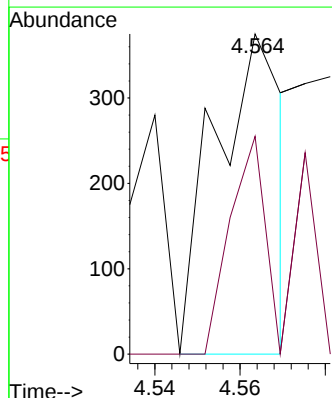
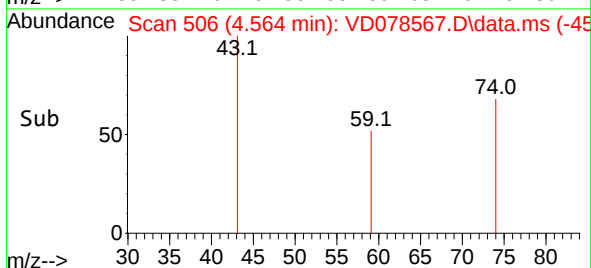
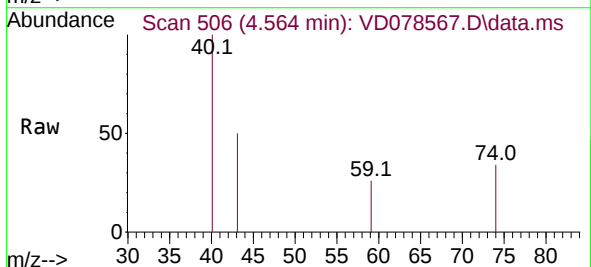


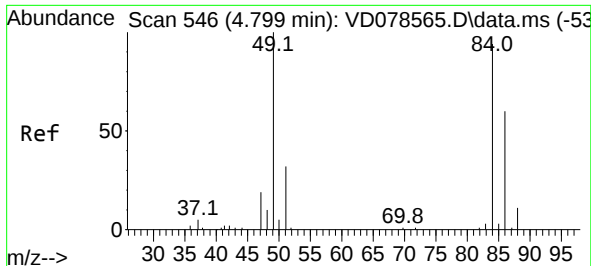
Tgt Ion: 76 Resp: 9117
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3



#15
Methyl Acetate
Concen: 0.516 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
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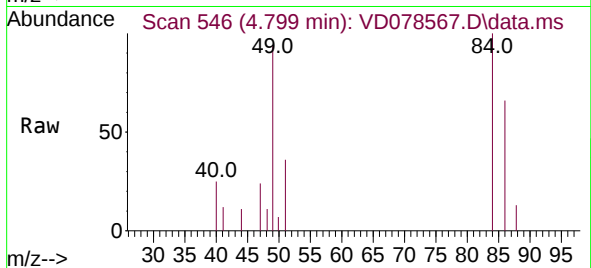
Tgt Ion: 43 Resp: 420
Ion Ratio Lower Upper
43 100
74 34.8 23.0 34.6#



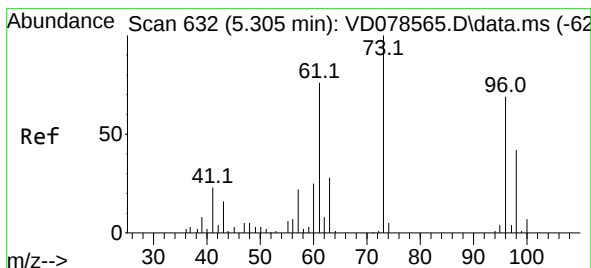
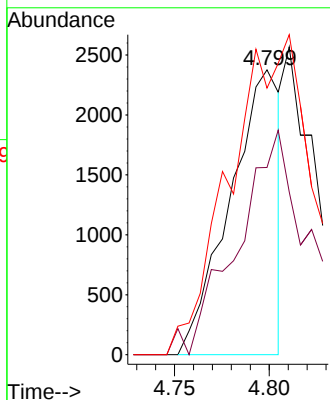
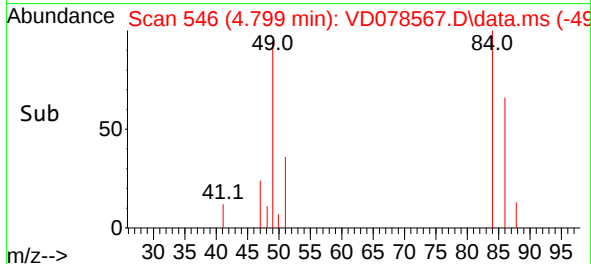


#16
Methylene chloride
Concen: 1.411 ug/L
RT: 4.799 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

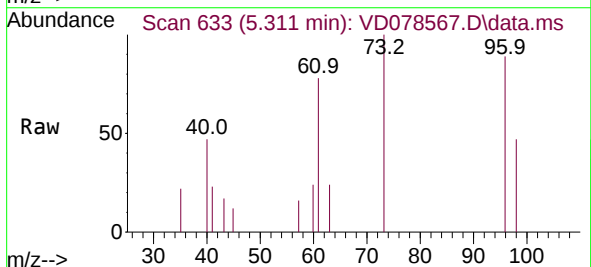
Instrument :
MSVOA_D
ClientSampleId :



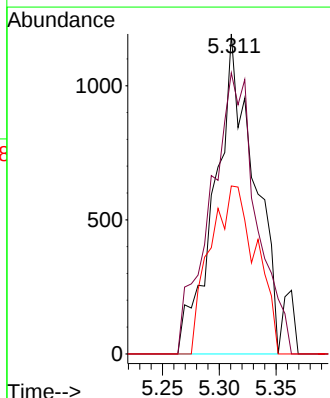
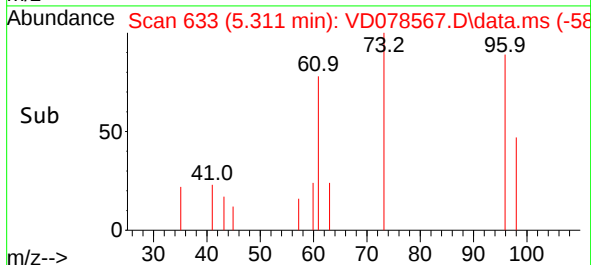
Tgt Ion: 84 Resp: 4376
Ion Ratio Lower Upper
84 100
86 65.7 42.6 79.2
49 93.6 64.3 119.3

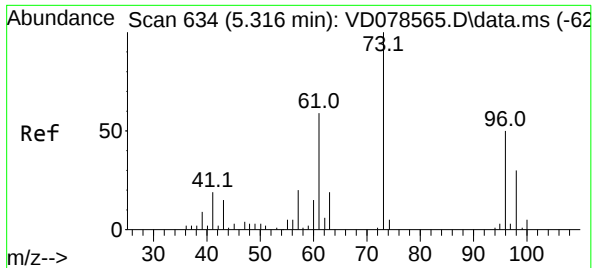


#17
trans-1,2-Dichloroethene
Concen: 1.139 ug/L
RT: 5.311 min Scan# 633
Delta R.T. 0.006 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58



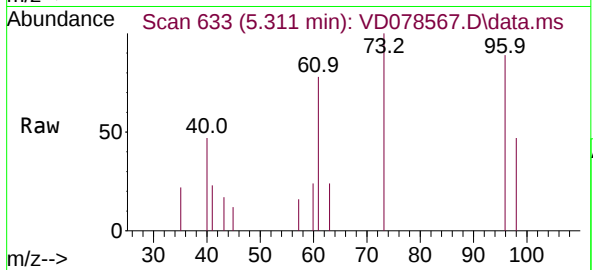
Tgt Ion: 96 Resp: 2870
Ion Ratio Lower Upper
96 100
61 87.8 70.9 131.7
98 52.5 42.1 78.1



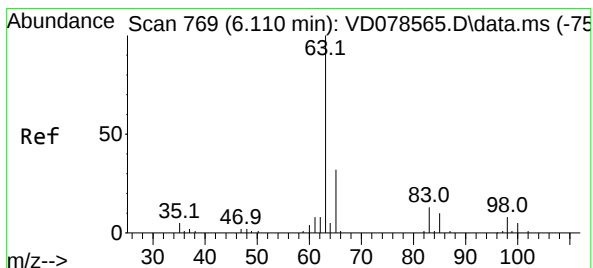
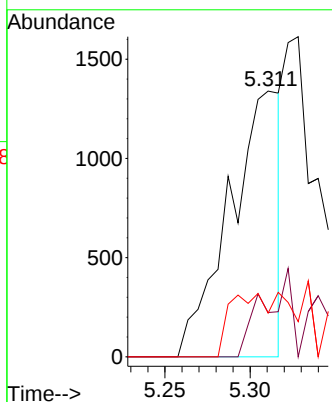
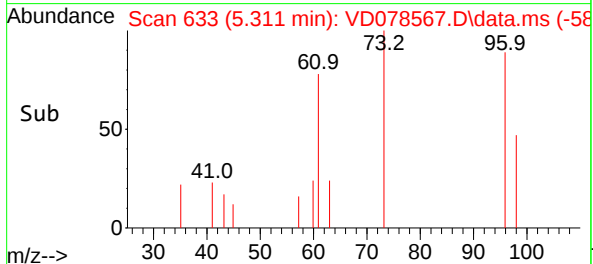


#18
Methyl tert-butyl Ether
Concen: 0.579 ug/L
RT: 5.311 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

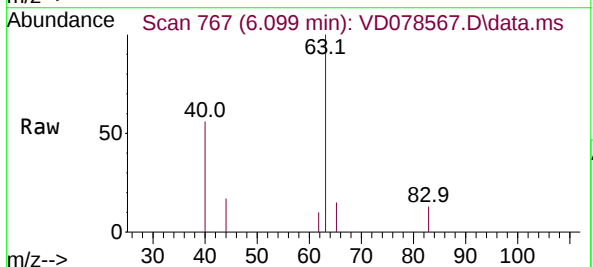
Instrument :
MSVOA_D
ClientSampleId :



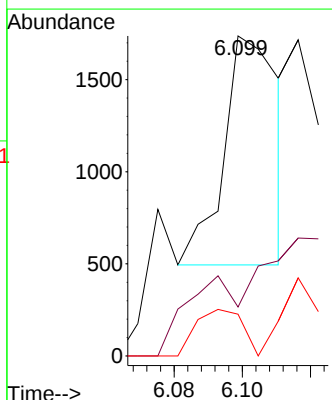
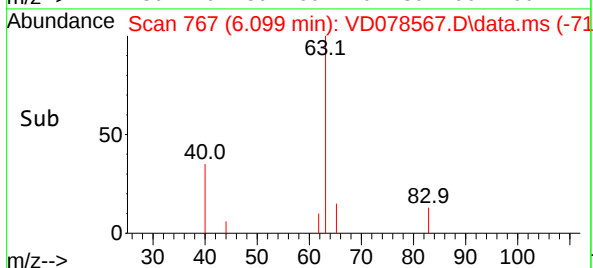
Tgt Ion: 73 Resp: 2771
Ion Ratio Lower Upper
73 100
43 8.9 7.4 11.2
57 9.9 15.0 22.6#

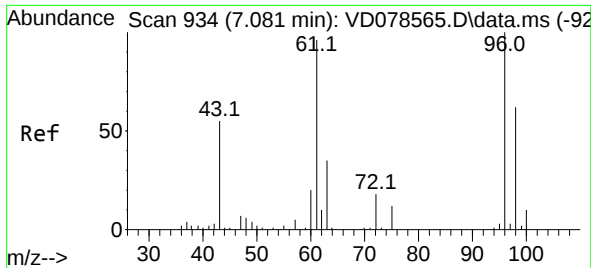


#19
1,1-Dichloroethane
Concen: 0.329 ug/L
RT: 6.099 min Scan# 767
Delta R.T. -0.012 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58



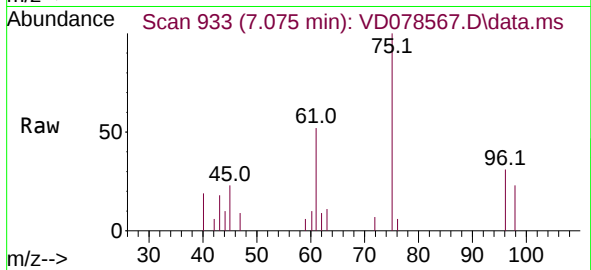
Tgt Ion: 63 Resp: 1392
Ion Ratio Lower Upper
63 100
65 15.3 22.7 42.3#
83 13.1 9.9 18.3



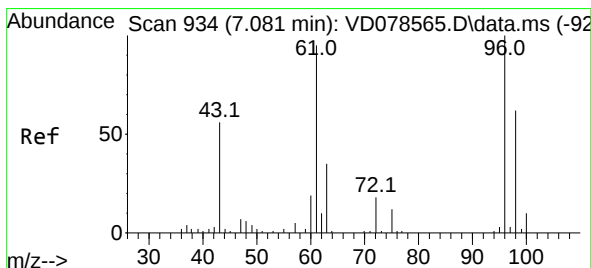
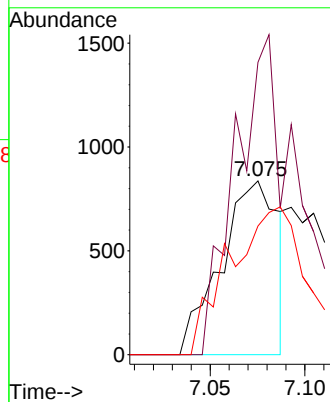
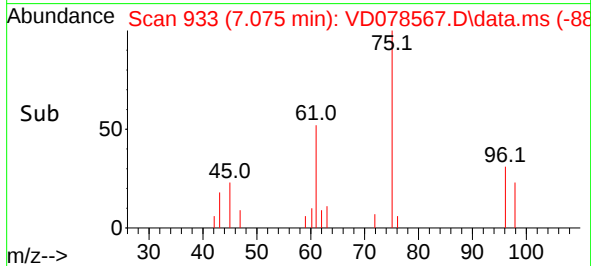


#20
cis-1,2-Dichloroethene
Concen: 0.639 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

Instrument :
MSVOA_D
ClientSampleId :

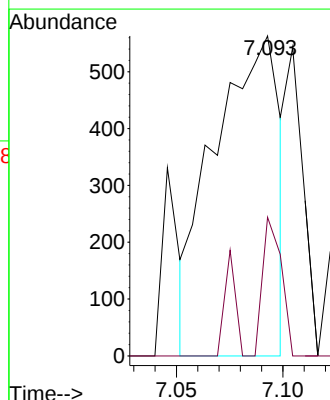
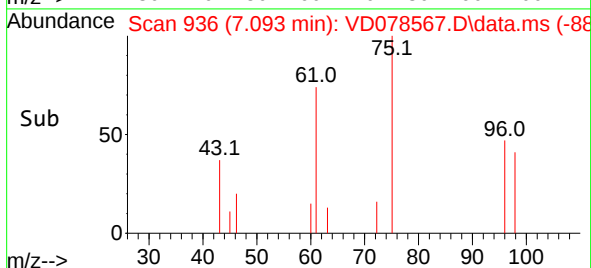
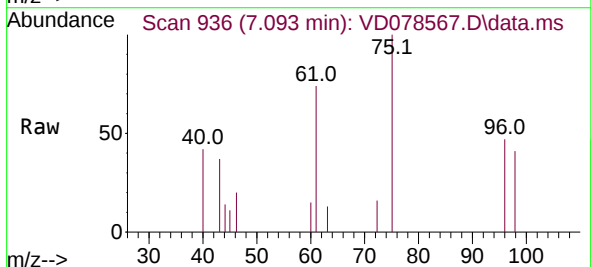


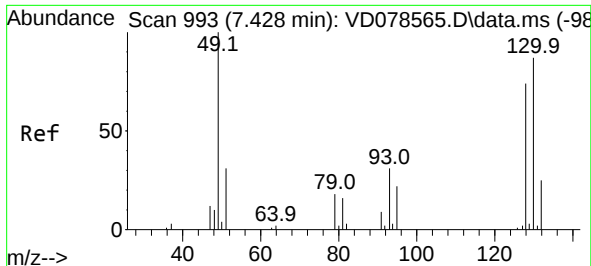
Tgt Ion: 96 Resp: 1757
Ion Ratio Lower Upper
96 100
61 168.2 70.6 131.0#
98 74.1 39.8 73.8#



#22
2-Butanone
Concen: 1.832 ug/L
RT: 7.093 min Scan# 936
Delta R.T. 0.012 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

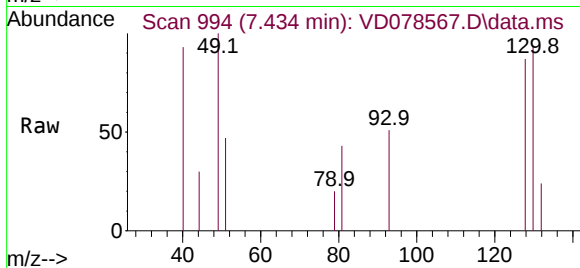
Tgt Ion: 43 Resp: 1201
Ion Ratio Lower Upper
43 100
72 12.4 16.1 48.2#



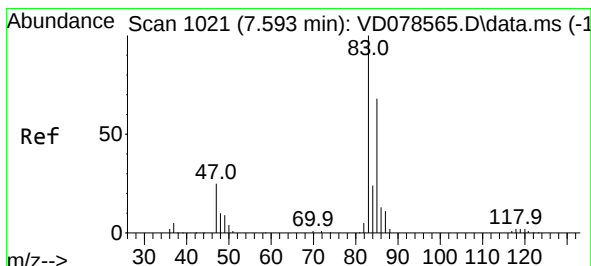
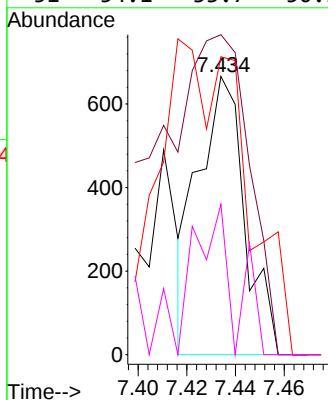
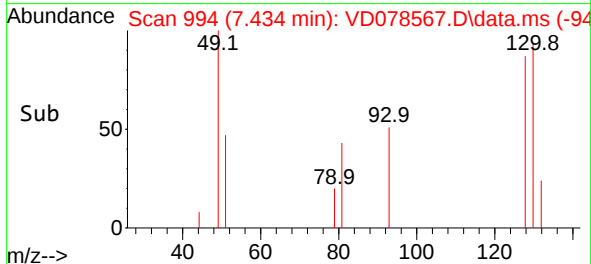


#23
Bromochloromethane
Concen: 0.724 ug/L
RT: 7.434 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

Instrument :
MSVOA_D
ClientSampleId :

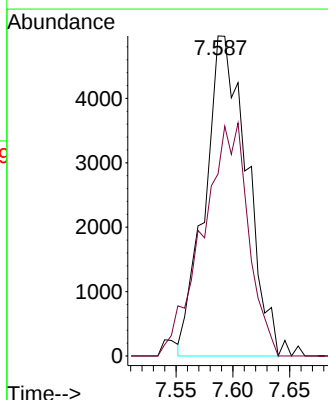
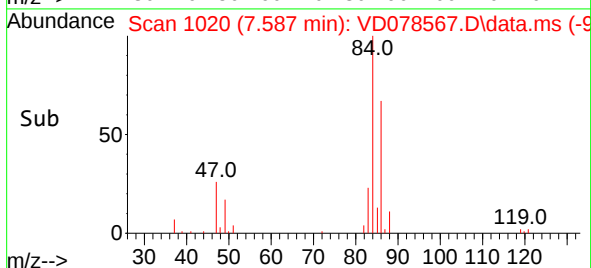
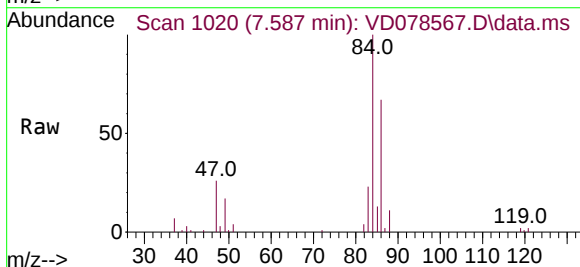


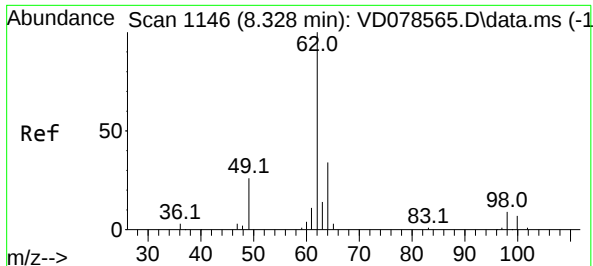
Tgt Ion:128 Resp: 884
Ion Ratio Lower Upper
128 100
49 115.0 96.7 179.5
130 107.1 83.2 154.4
51 54.1 33.7 50.5#



#25
Chloroform
Concen: 2.674 ug/L
RT: 7.587 min Scan# 1020
Delta R.T. -0.006 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

Tgt Ion: 83 Resp: 12769
Ion Ratio Lower Upper
83 100
85 56.9 43.0 80.0

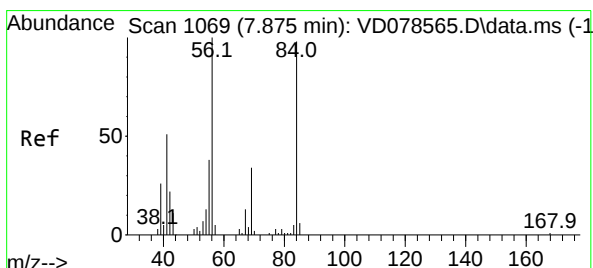
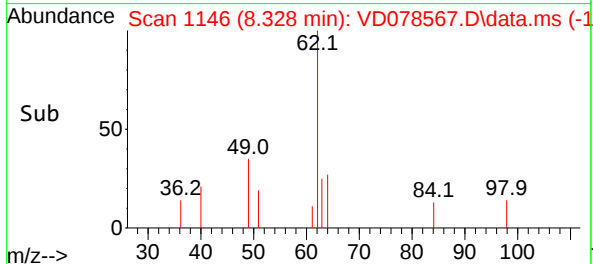
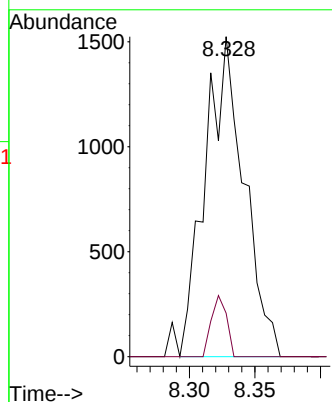
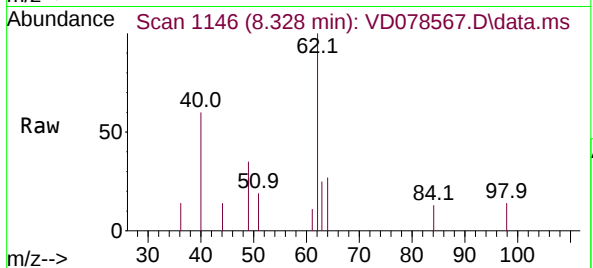




#27
1,2-Dichloroethane
Concen: 1.194 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

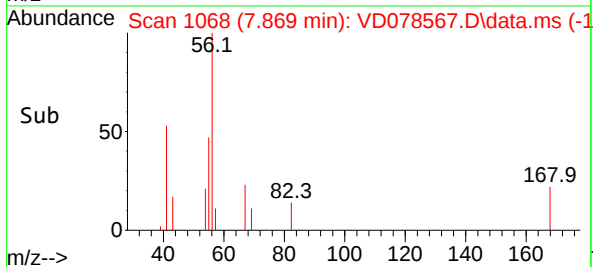
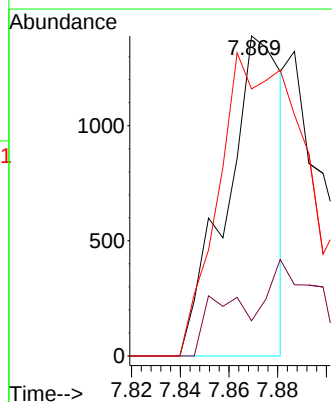
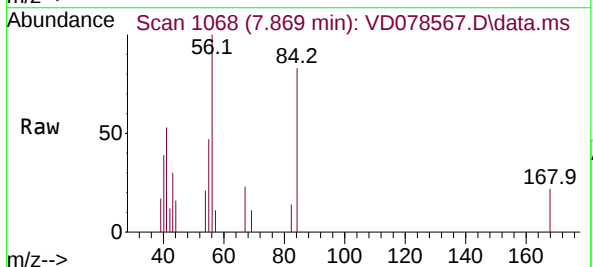
Instrument :
MSVOA_D
ClientSampleId :

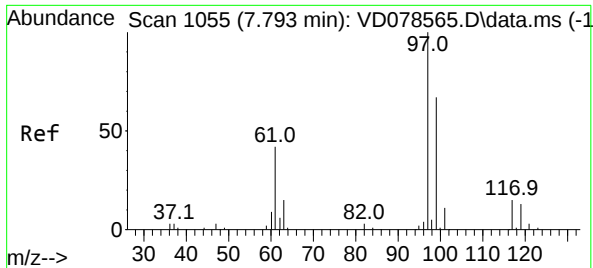
Tgt Ion: 62 Resp: 3142
Ion Ratio Lower Upper
62 100
98 13.6 8.1 12.1#



#29
Cyclohexane
Concen: 0.662 ug/L
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

Tgt Ion: 56 Resp: 2180
Ion Ratio Lower Upper
56 100
69 10.8 25.2 37.8#
84 65.1 80.1 120.1#





#30

1,1,1-Trichloroethane

Concen: 0.966 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD078567.D

Acq: 28 Feb 2024 14:58

Instrument :

MSVOA_D

ClientSampleId :

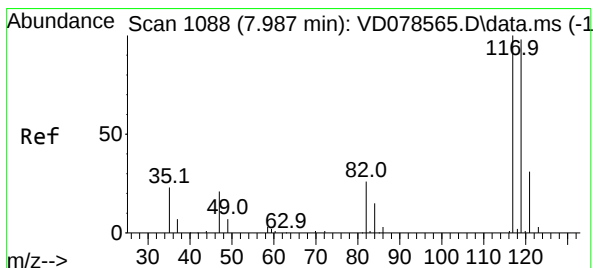
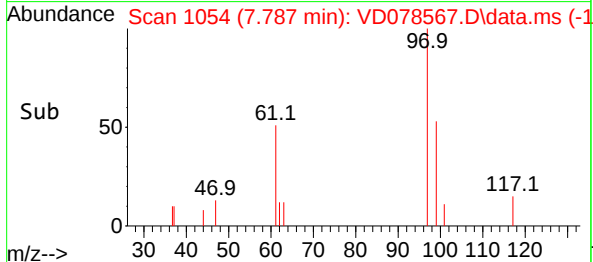
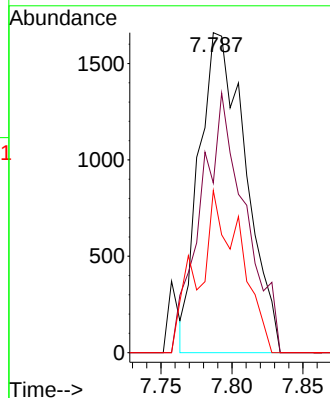
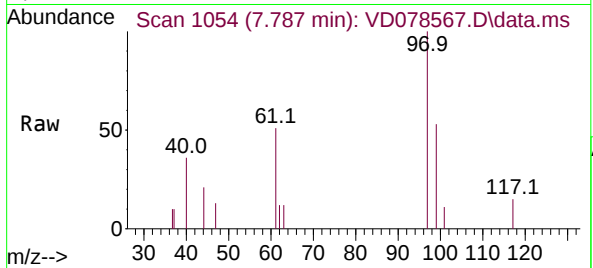
Tgt Ion: 97 Resp: 3781

Ion Ratio Lower Upper

97 100

99 77.7 52.3 78.5

61 22.0 33.6 50.4#



#31

Carbon tetrachloride

Concen: 0.554 ug/L

RT: 7.987 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD078567.D

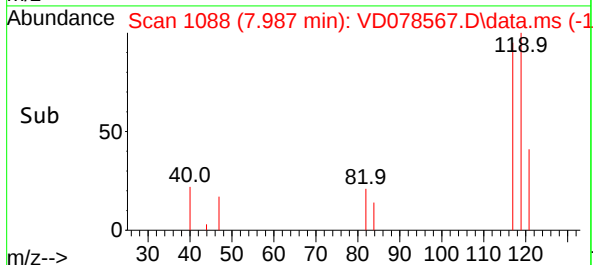
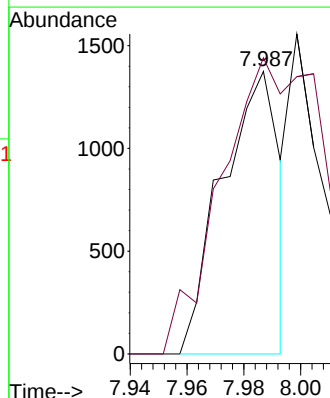
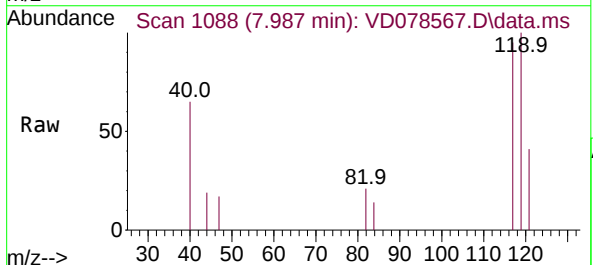
Acq: 28 Feb 2024 14:58

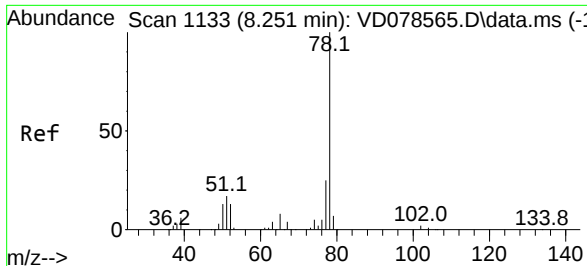
Tgt Ion: 117 Resp: 1932

Ion Ratio Lower Upper

117 100

119 113.9 76.2 114.2

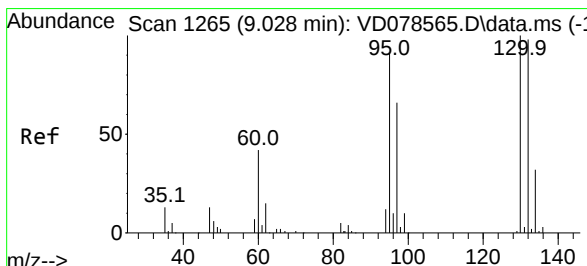
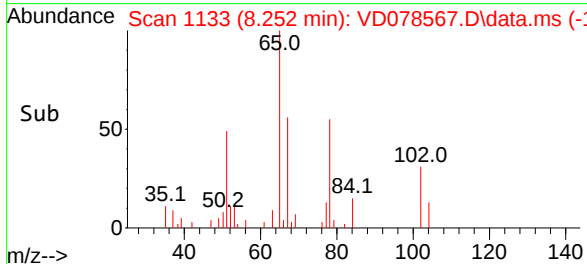
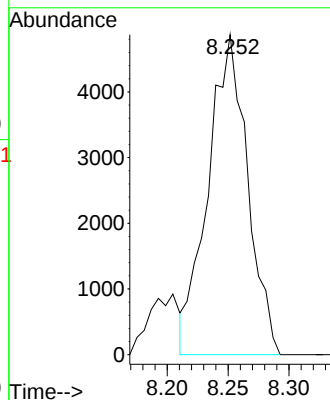
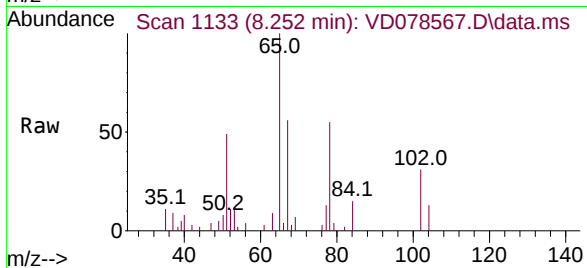




#33
Benzene
Concen: 1.074 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

Instrument :
MSVOA_D
ClientSampleId :

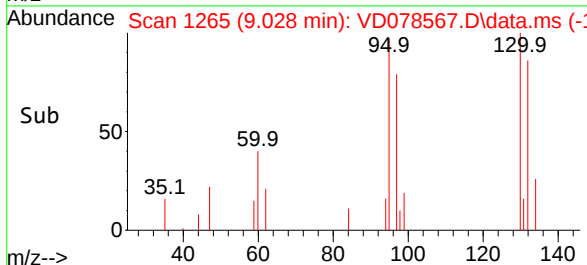
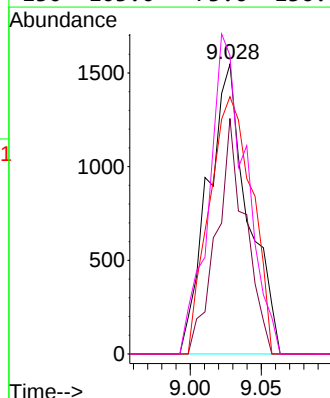
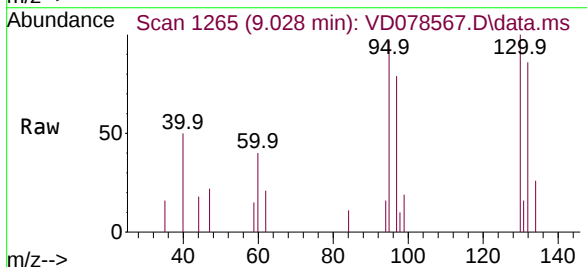
Tgt Ion: 78 Resp: 11000

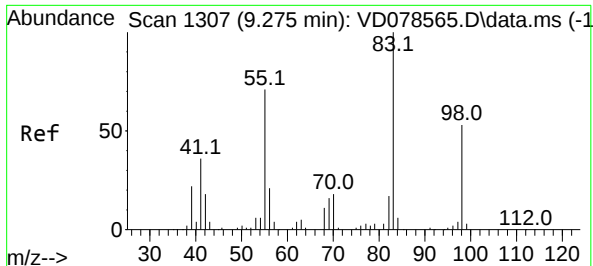


#34
Trichloroethene
Concen: 1.136 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

Tgt Ion: 95 Resp: 3025

Ion	Ratio	Lower	Upper
95	100		
97	81.3	44.9	83.5
132	88.8	67.9	126.1
130	103.0	73.6	136.8

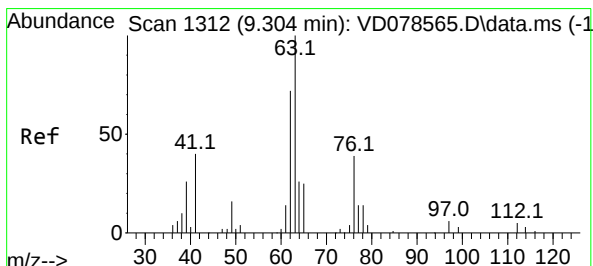
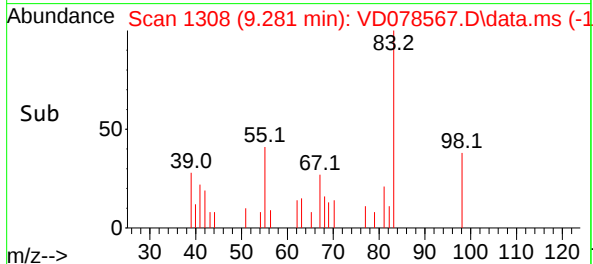
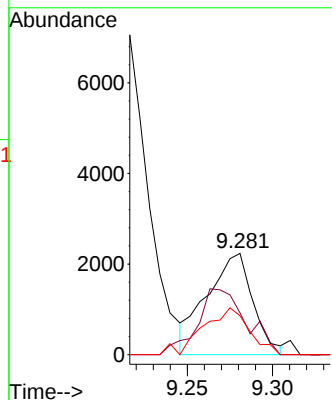
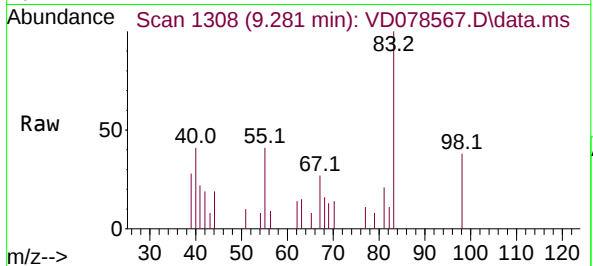




#35
Methylcyclohexane
Concen: 0.982 ug/L
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

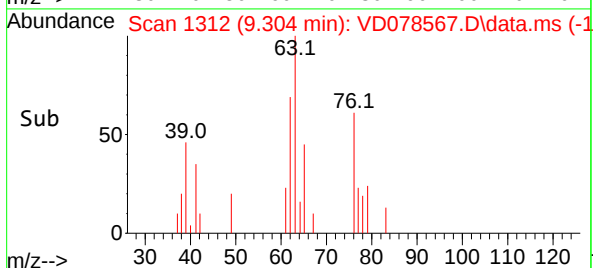
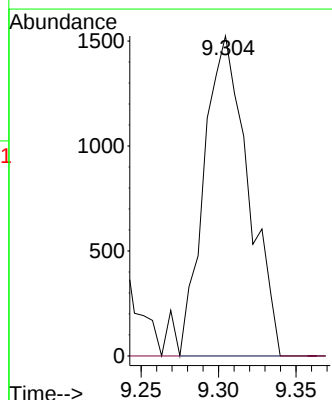
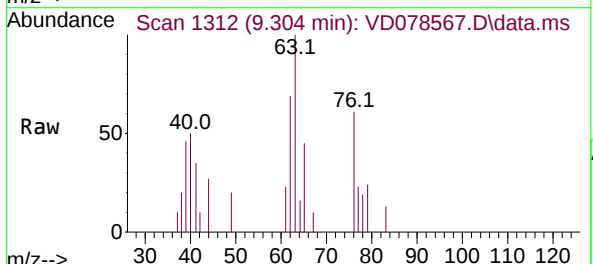
Instrument :
MSVOA_D
ClientSampleId :

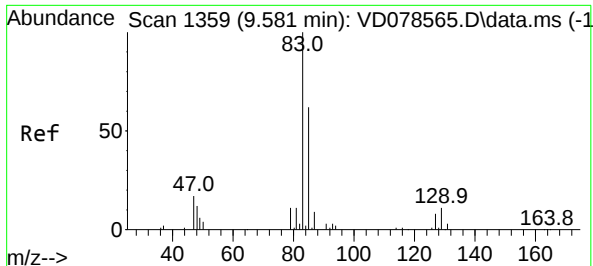
Tgt Ion: 83 Resp: 4219
Ion Ratio Lower Upper
83 100
55 68.5 52.2 78.2
98 44.3 40.5 60.7



#37
1,2-Dichloropropane
Concen: 1.193 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

Tgt Ion: 63 Resp: 3007
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

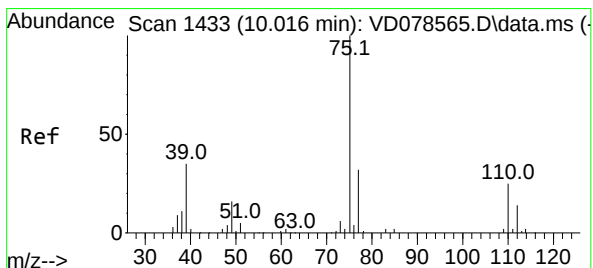
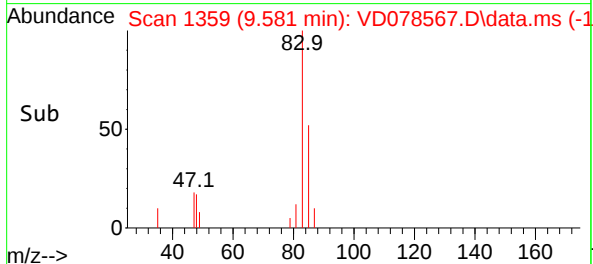
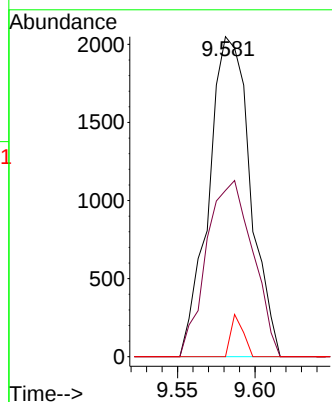
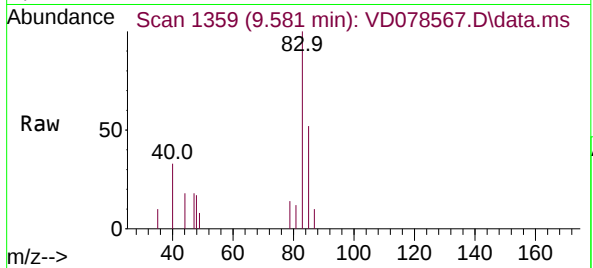




#38
Bromodichloromethane
Concen: 1.114 ug/L
RT: 9.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

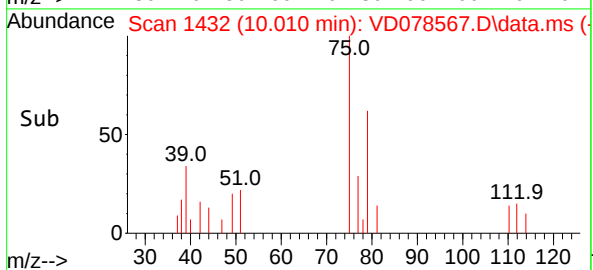
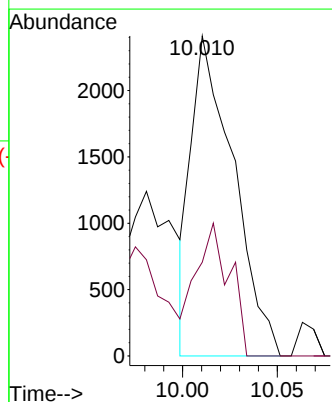
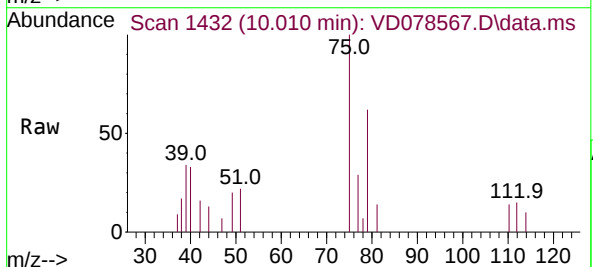
Instrument :
MSVOA_D
ClientSampleId :

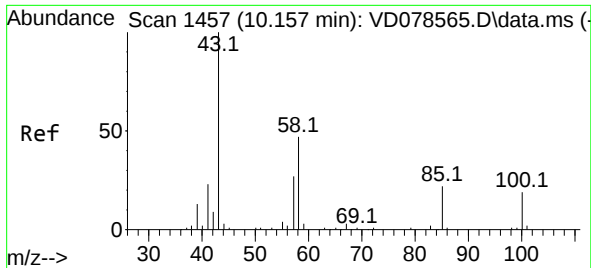
Tgt Ion: 83 Resp: 3828
Ion Ratio Lower Upper
83 100
85 52.0 44.0 81.8
127 0.0 7.0 10.6#



#39
cis-1,3-Dichloropropene
Concen: 0.953 ug/L
RT: 10.010 min Scan# 1432
Delta R.T. -0.006 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

Tgt Ion: 75 Resp: 3731
Ion Ratio Lower Upper
75 100
77 29.3 23.7 43.9

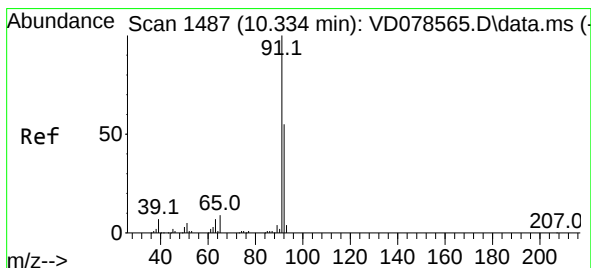
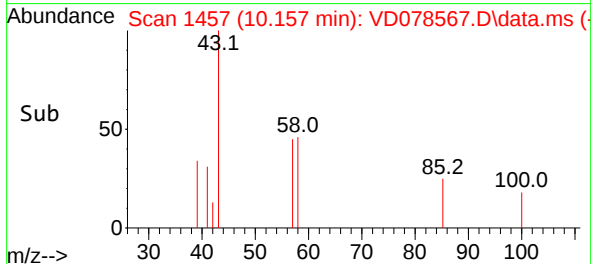
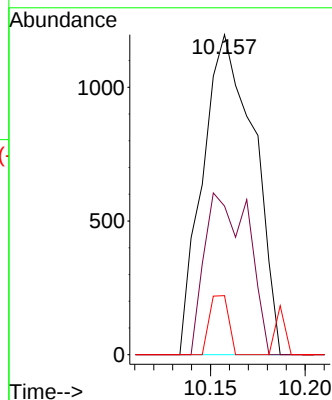
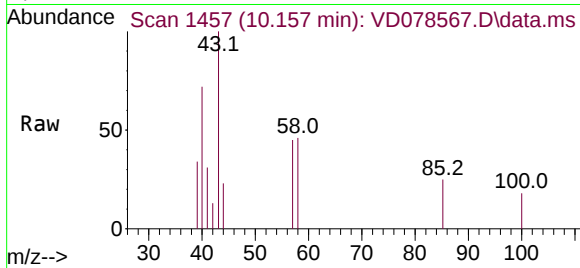




#40
4-Methyl-2-pentanone
Concen: 1.937 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

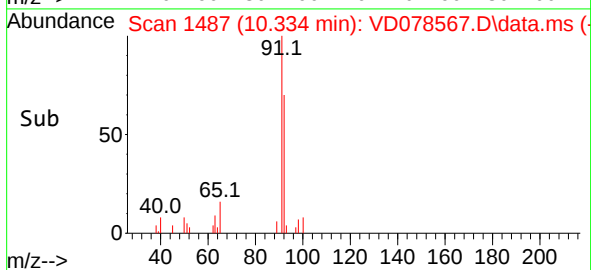
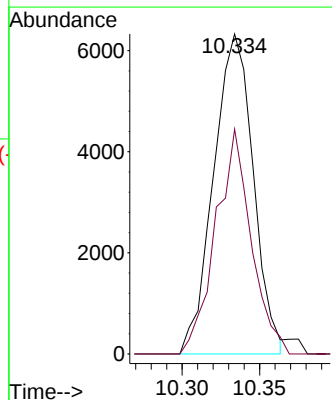
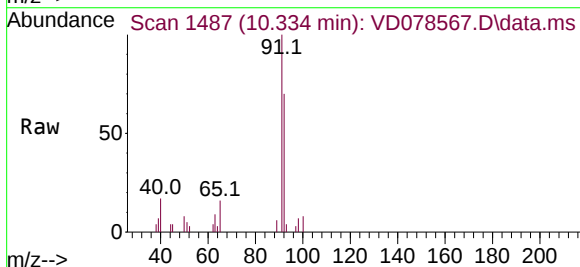
Instrument :
MSVOA_D
ClientSampleId :

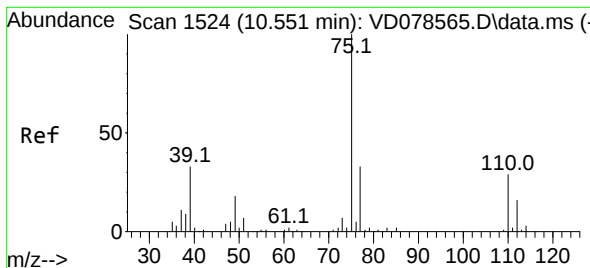
Tgt Ion: 43 Resp: 2251
Ion Ratio Lower Upper
43 100
58 30.4 36.2 54.2#
100 6.9 15.6 23.4#



#42
Toluene
Concen: 1.004 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

Tgt Ion: 91 Resp: 11266
Ion Ratio Lower Upper
91 100
92 70.3 40.0 74.4





#44

trans-1,3-Dichloropropene

Concen: 1.472 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD078567.D

Acq: 28 Feb 2024 14:58

Instrument :

MSVOA_D

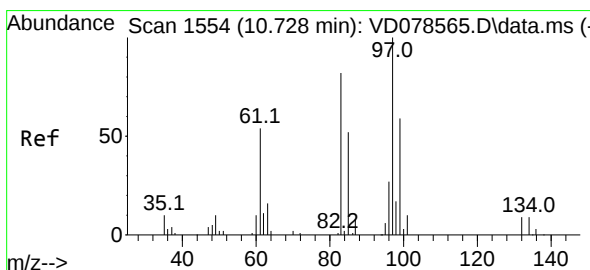
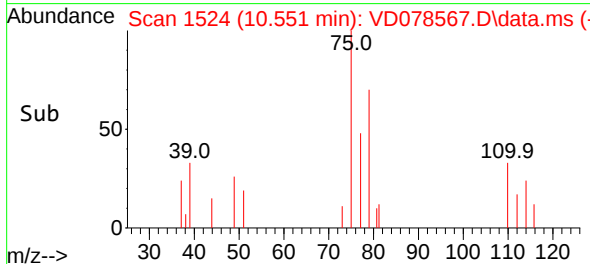
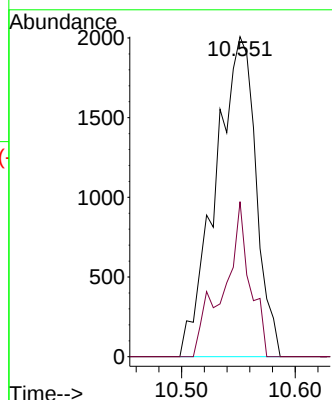
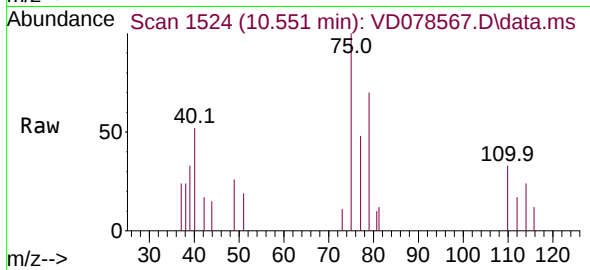
ClientSampleId :

Tgt Ion: 75 Resp: 4973

Ion Ratio Lower Upper

75 100

77 48.5 22.7 42.3#



#45

1,1,2-Trichloroethane

Concen: 1.120 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD078567.D

Acq: 28 Feb 2024 14:58

Tgt Ion: 97 Resp: 2284

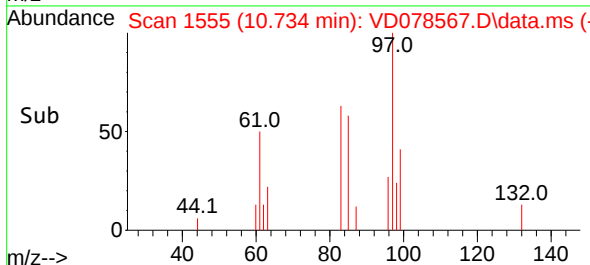
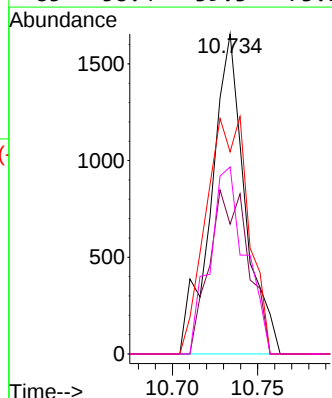
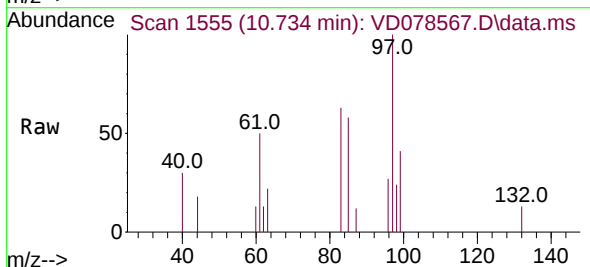
Ion Ratio Lower Upper

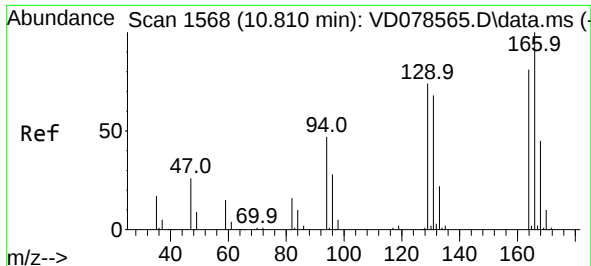
97 100

99 40.5 41.1 76.3#

83 63.1 57.5 106.7

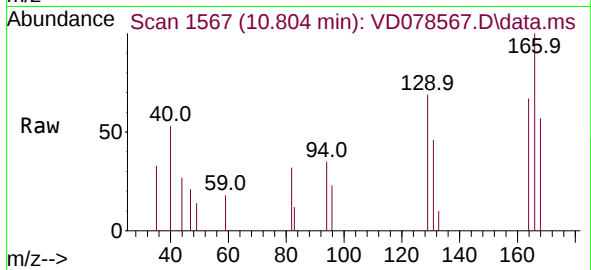
85 58.4 39.3 73.1



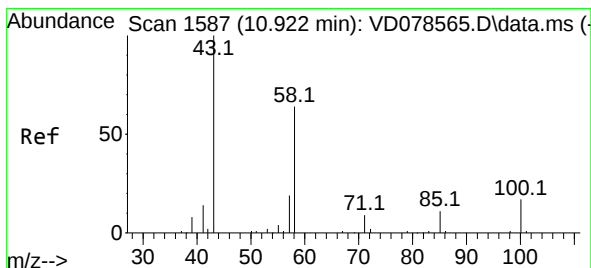
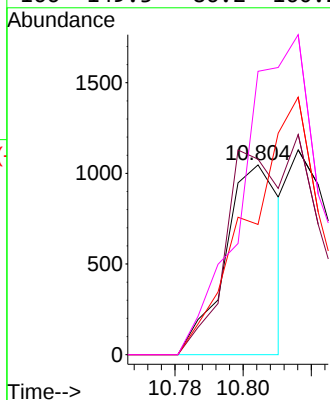
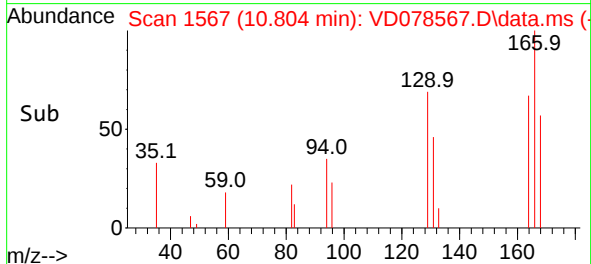


#46
Tetrachloroethene
Concen: 0.542 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

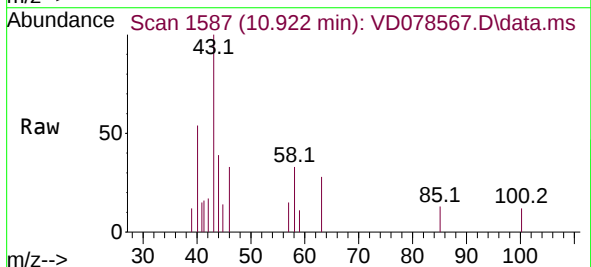
Instrument :
MSVOA_D
ClientSampleId :



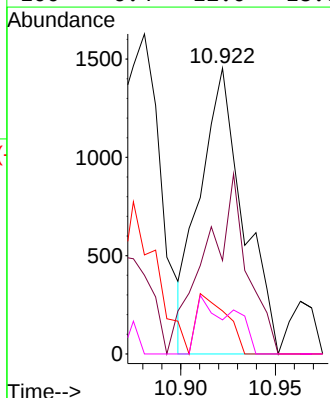
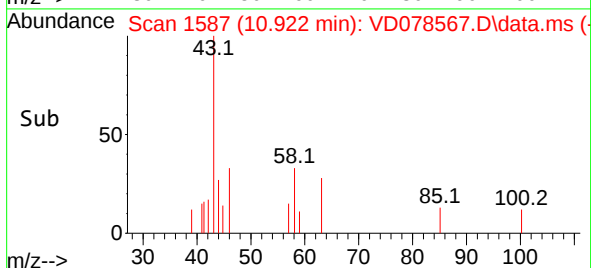
Tgt Ion:164 Resp: 1186
Ion Ratio Lower Upper
164 100
129 103.0 60.9 113.1
131 68.6 58.9 109.3
166 149.3 86.2 160.2

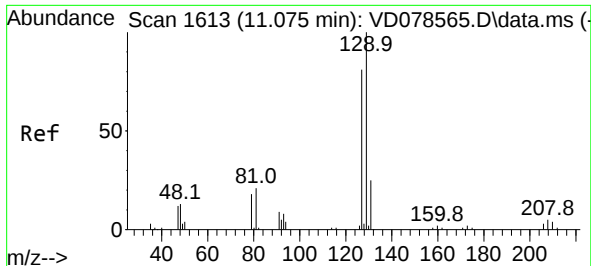


#48
2-Hexanone
Concen: 2.399 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58



Tgt Ion: 43 Resp: 2313
Ion Ratio Lower Upper
43 100
58 28.4 48.7 73.1#
57 0.0 15.6 23.4#
100 6.4 12.0 18.0#





#49

Dibromochloromethane

Concen: 0.546 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD078567.D

Acq: 28 Feb 2024 14:58

Instrument :

MSVOA_D

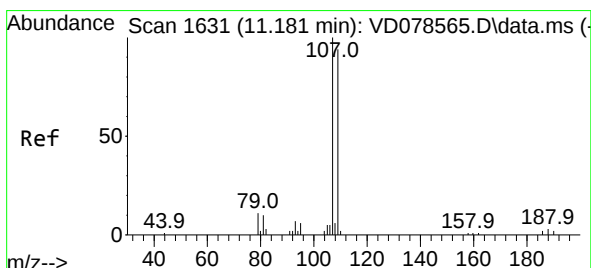
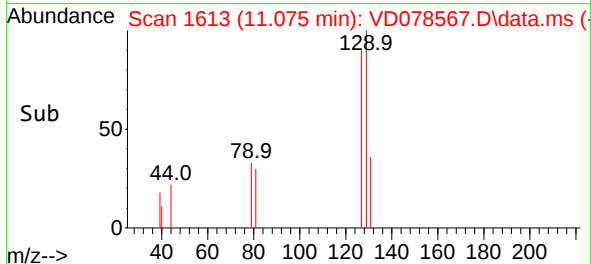
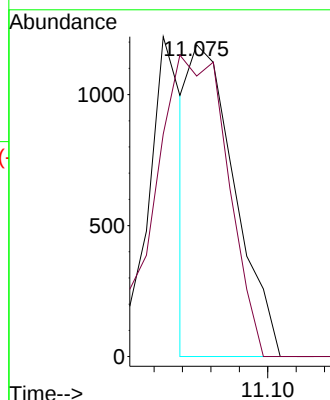
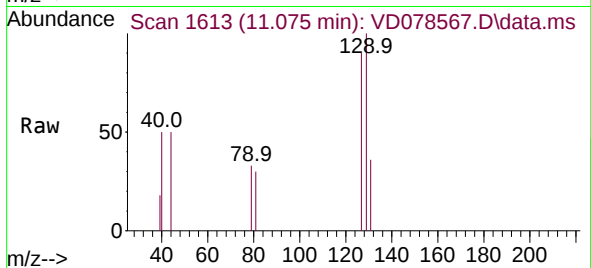
ClientSampleId :

Tgt Ion:129 Resp: 1307

Ion Ratio Lower Upper

129 100

127 90.0 55.5 103.1



#50

1,2-Dibromoethane

Concen: 1.156 ug/L

RT: 11.181 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VD078567.D

Acq: 28 Feb 2024 14:58

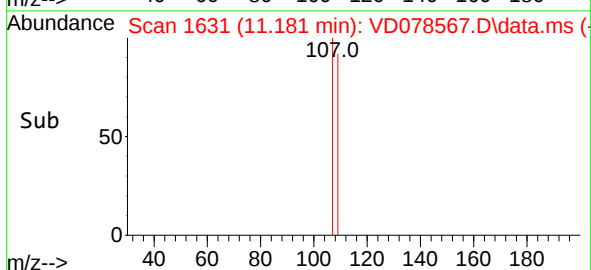
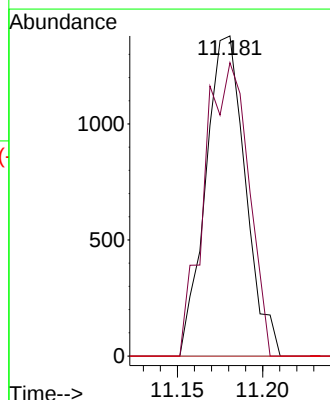
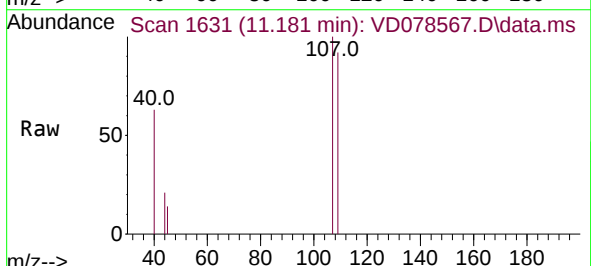
Tgt Ion:107 Resp: 2241

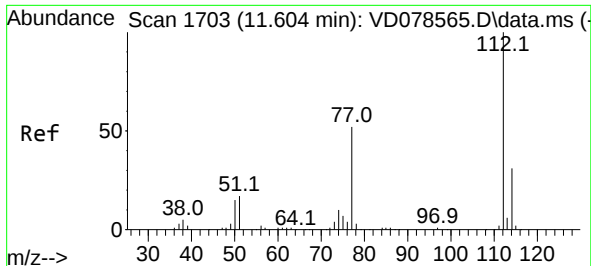
Ion Ratio Lower Upper

107 100

109 91.7 60.4 112.2

188 0.0 3.0 4.6#

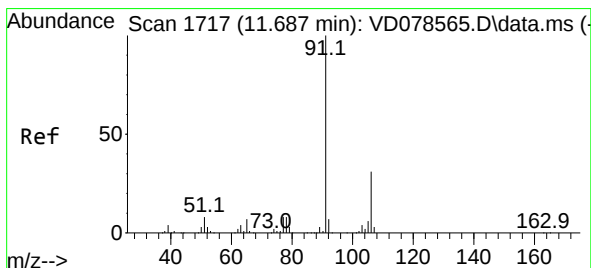
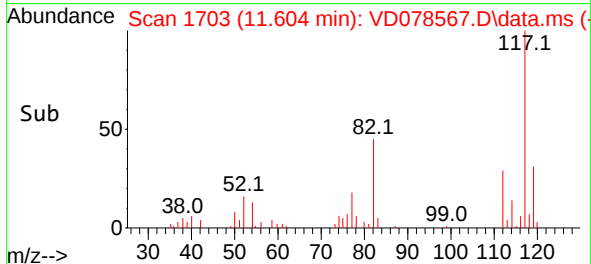
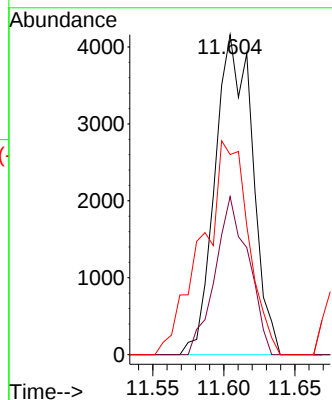
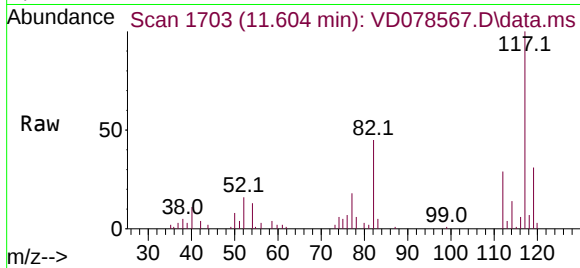




#51
Chlorobenzene
Concen: 1.028 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

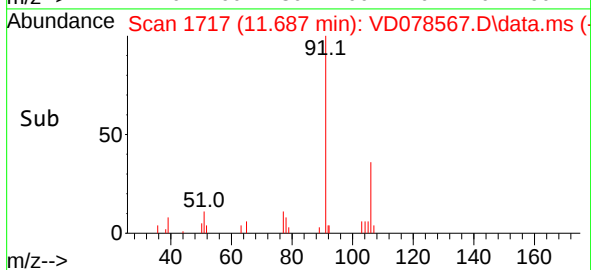
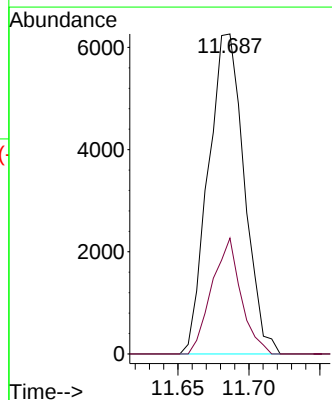
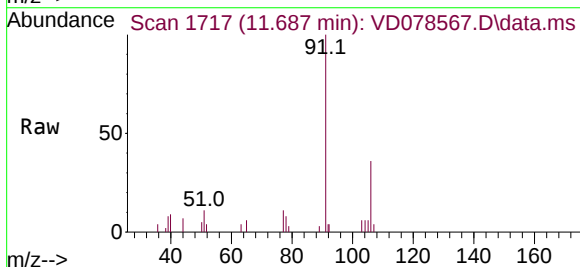
Instrument :
MSVOA_D
ClientSampleId :

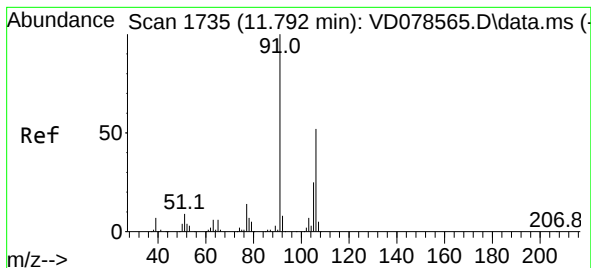
Tgt Ion:112 Resp: 7604
Ion Ratio Lower Upper
112 100
114 49.4 21.6 40.0#
77 62.6 42.0 63.0



#52
Ethylbenzene
Concen: 0.905 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

Tgt Ion: 91 Resp: 11035
Ion Ratio Lower Upper
91 100
106 36.2 21.8 40.4





#53

m,p-Xylene

Concen: 0.896 ug/L

RT: 11.787 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VD078567.D

Acq: 28 Feb 2024 14:58

Instrument :

MSVOA_D

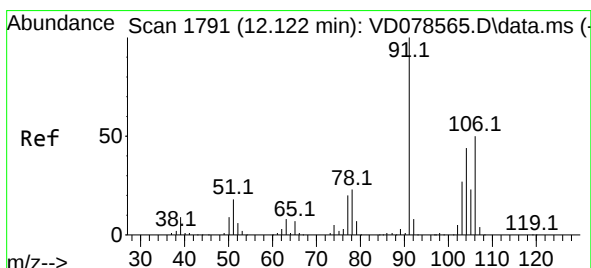
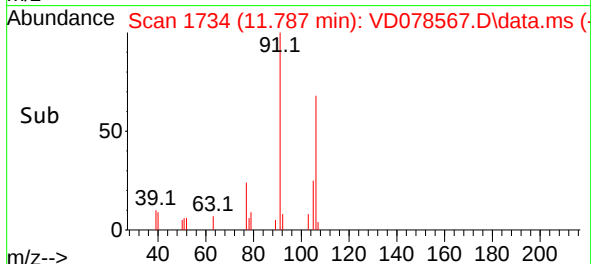
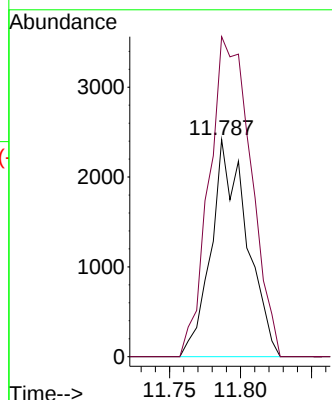
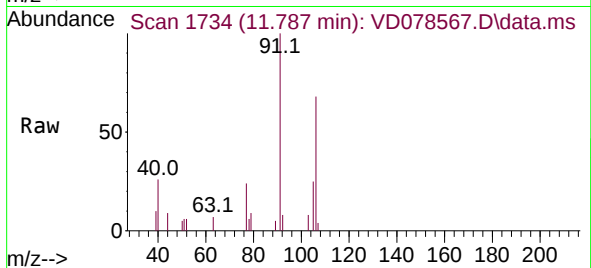
ClientSampleId :

Tgt Ion:106 Resp: 4217

Ion Ratio Lower Upper

106 100

91 147.4 138.2 256.6



#54

o-Xylene

Concen: 0.729 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078567.D

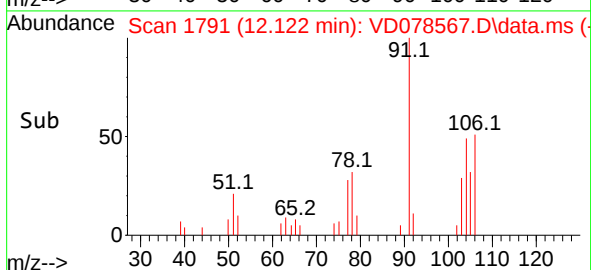
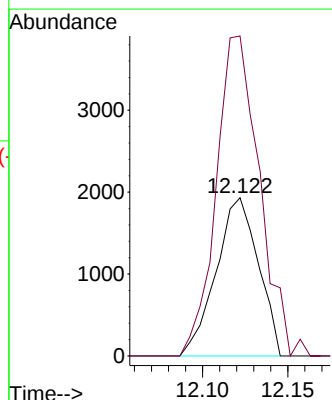
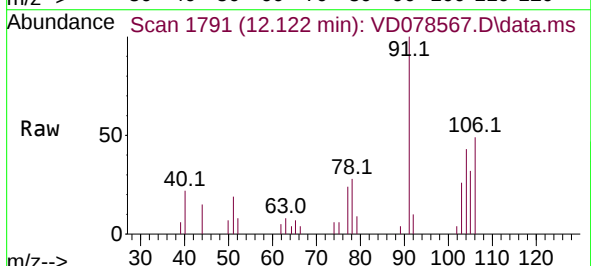
Acq: 28 Feb 2024 14:58

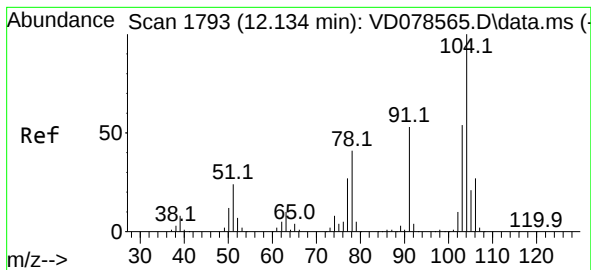
Tgt Ion:106 Resp: 3332

Ion Ratio Lower Upper

106 100

91 202.2 140.2 260.4





#55

Styrene

Concen: 0.680 ug/L

RT: 12.134 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078567.D

Acq: 28 Feb 2024 14:58

Instrument :

MSVOA_D

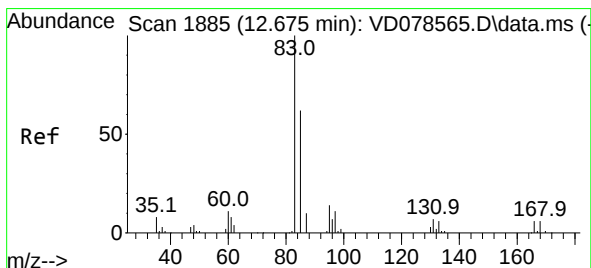
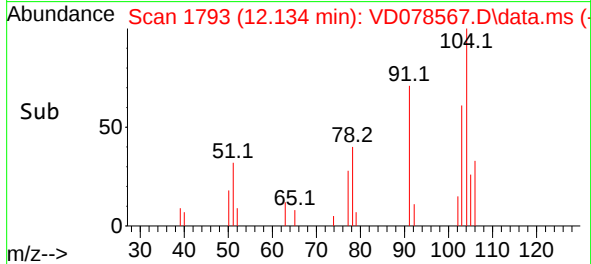
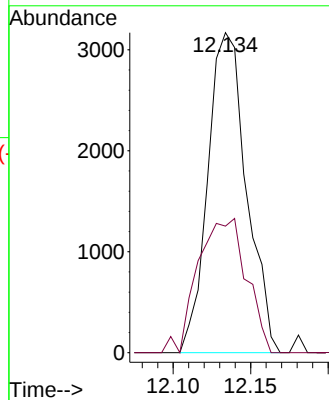
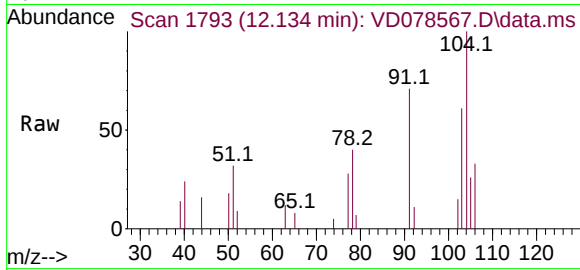
ClientSampleId :

Tgt Ion:104 Resp: 5515

Ion Ratio Lower Upper

104 100

78 39.6 27.9 51.9



#57

1,1,2,2-Tetrachloroethane

Concen: 1.313 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078567.D

Acq: 28 Feb 2024 14:58

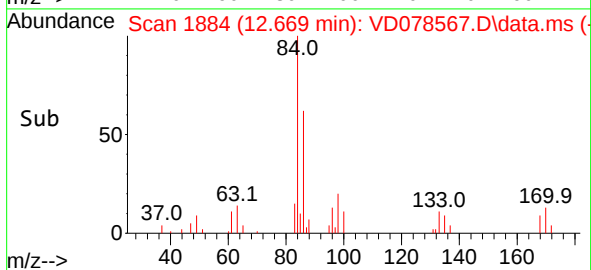
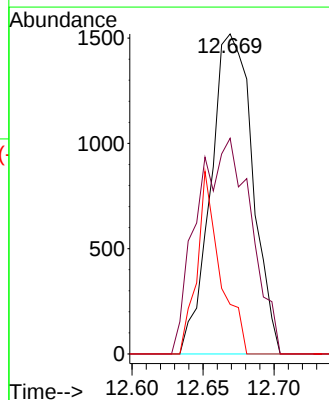
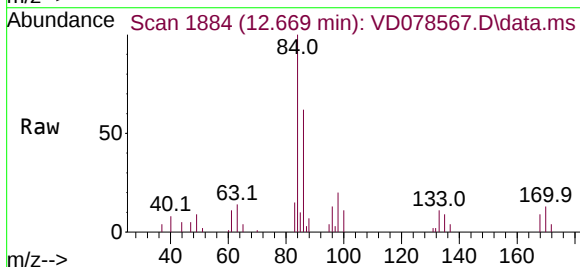
Tgt Ion: 83 Resp: 3118

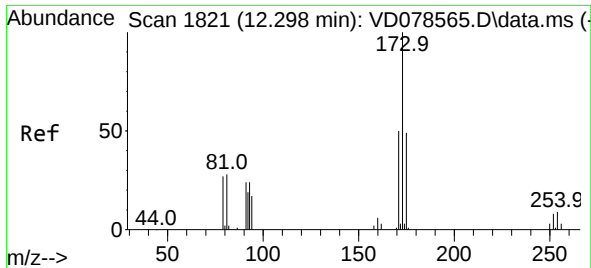
Ion Ratio Lower Upper

83 100

85 67.4 43.1 80.1

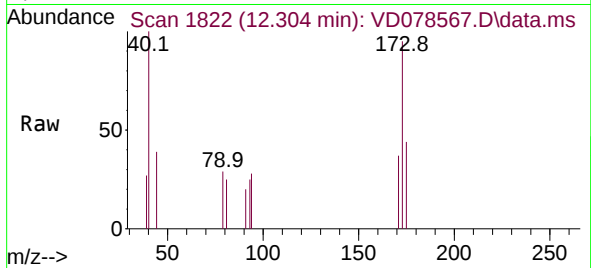
131 15.5 7.4 11.0#



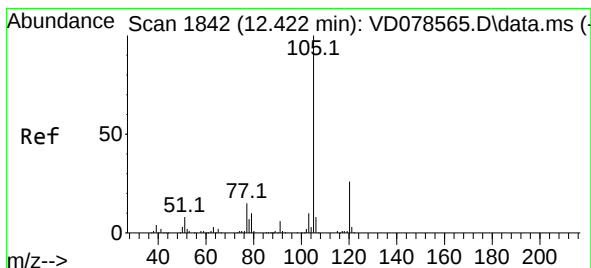
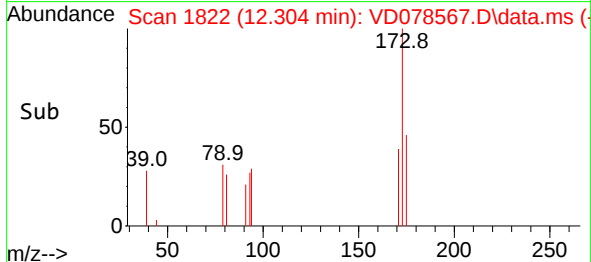
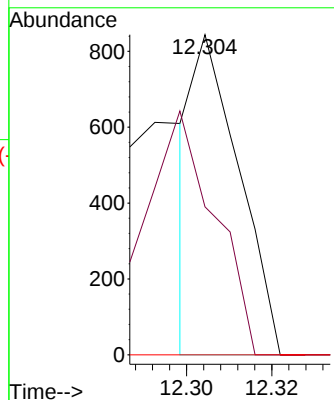


#59
Bromoform
Concen: 0.502 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

Instrument :
MSVOA_D
ClientSampleId :

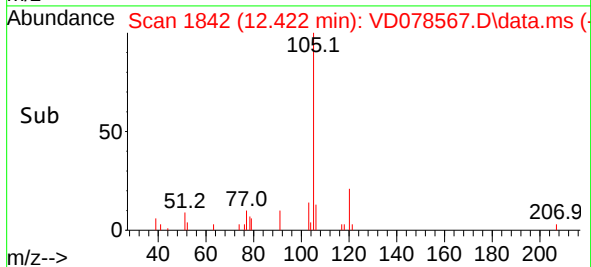
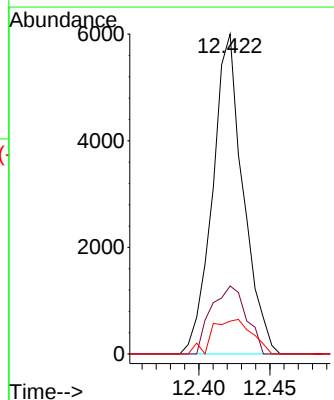
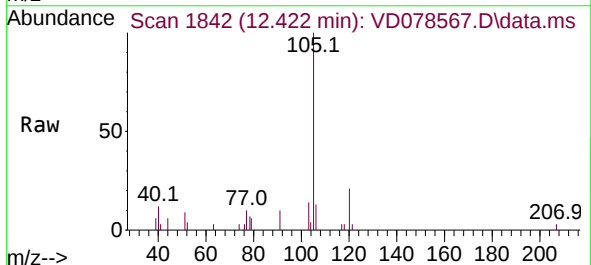


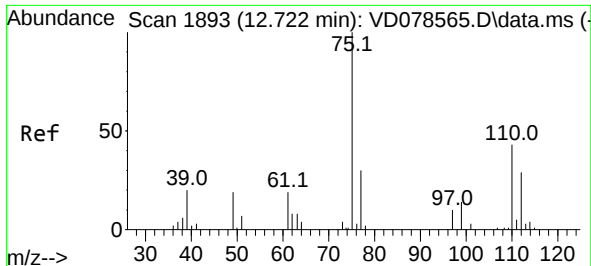
Tgt Ion:173 Resp: 620
Ion Ratio Lower Upper
173 100
175 116.1 39.0 58.4#
254 0.0 7.4 11.0#



#60
Isopropylbenzene
Concen: 0.876 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

Tgt Ion:105 Resp: 8981
Ion Ratio Lower Upper
105 100
120 24.4 21.8 32.6
77 8.9 11.8 17.6#

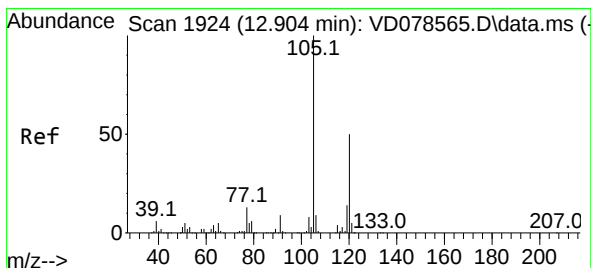
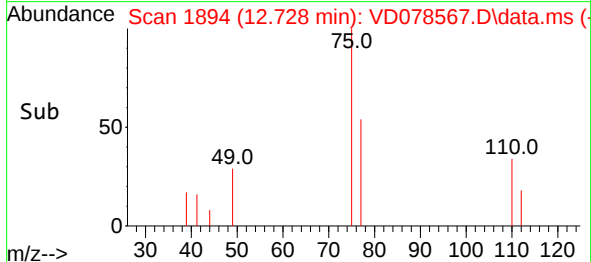
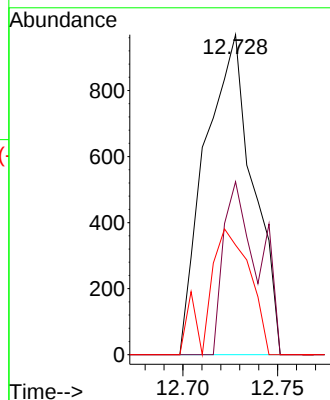
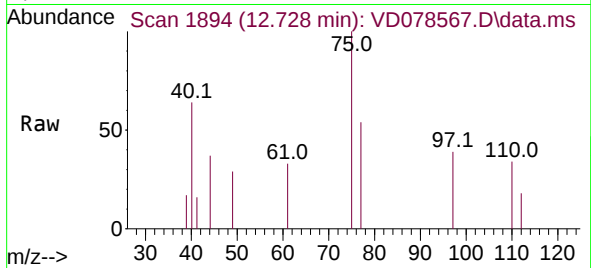




#61
 1,2,3-Trichloropropane
 Concen: 1.338 ug/L
 RT: 12.728 min Scan# 1893
 Delta R.T. 0.006 min
 Lab File: VD078567.D
 Acq: 28 Feb 2024 14:58

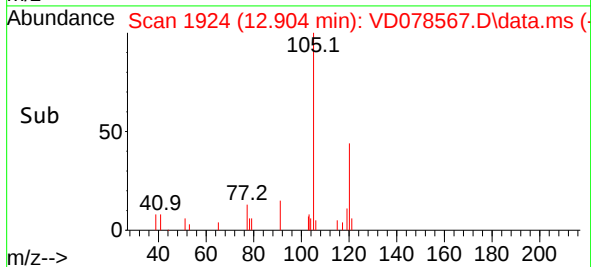
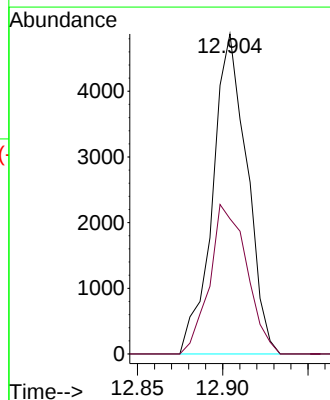
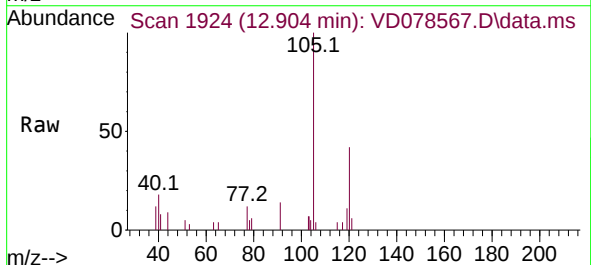
Instrument :
 MSVOA_D
 ClientSampleId :

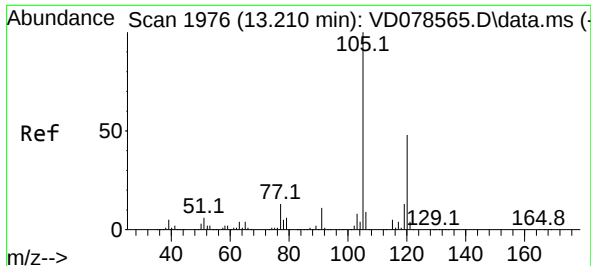
Tgt Ion: 75 Resp: 1704
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.3 39.5
 110 30.1 33.3 49.9#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.876 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD078567.D
 Acq: 28 Feb 2024 14:58

Tgt Ion: 105 Resp: 6823
 Ion Ratio Lower Upper
 105 100
 120 50.4 40.2 60.4

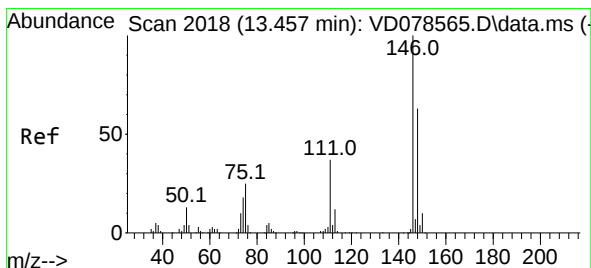
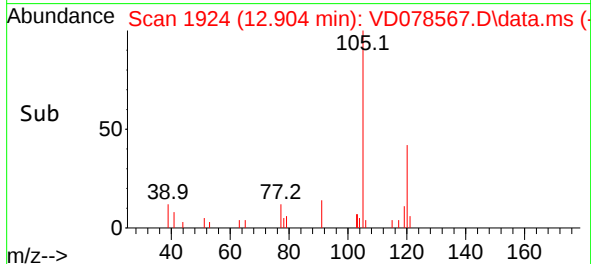
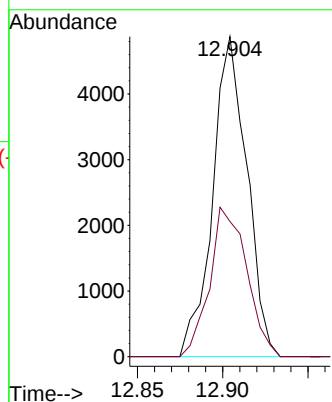
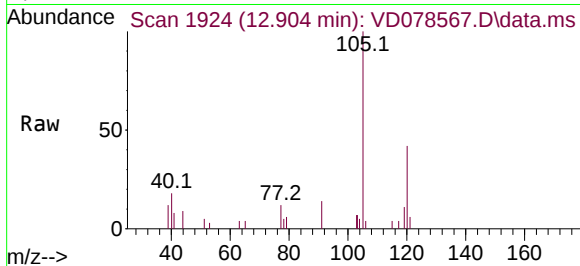




#63
1,2,4-Trimethylbenzene
Concen: 0.893 ug/L
RT: 12.904 min Scan# 1976
Delta R.T. -0.306 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

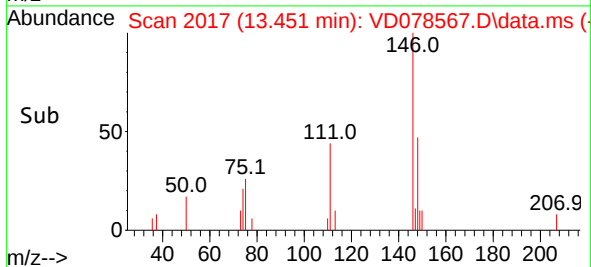
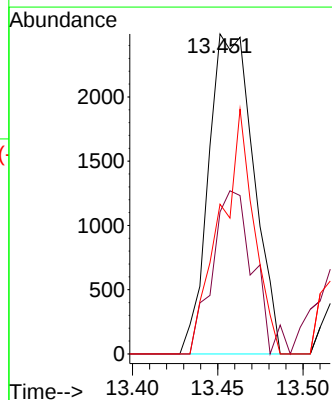
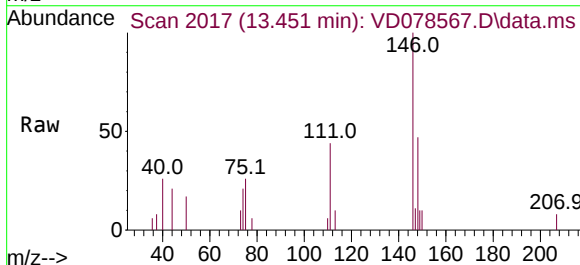
Instrument :
MSVOA_D
ClientSampleId :

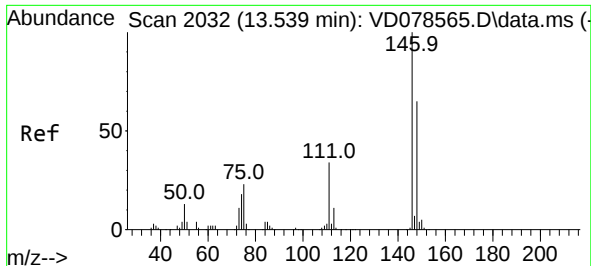
Tgt Ion:105 Resp: 6823
Ion Ratio Lower Upper
105 100
120 50.4 37.3 55.9



#64
1,3-Dichlorobenzene
Concen: 0.966 ug/L
RT: 13.451 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

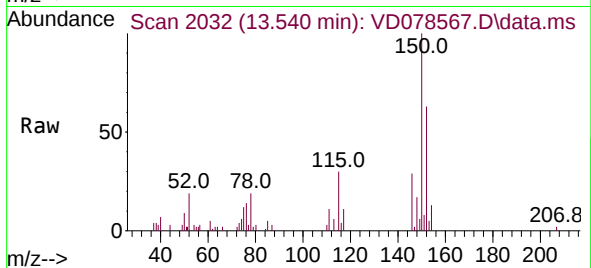
Tgt Ion:146 Resp: 4567
Ion Ratio Lower Upper
146 100
111 44.4 27.4 51.0
148 46.8 46.4 86.2



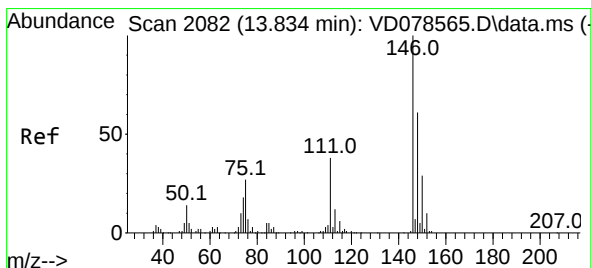
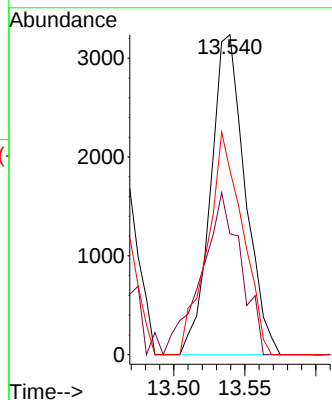
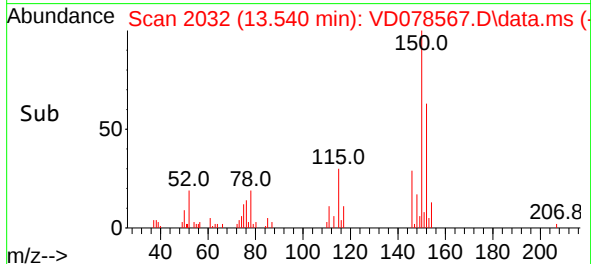


#65
1,4-Dichlorobenzene
Concen: 1.098 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

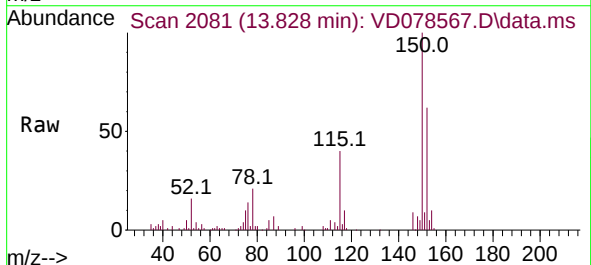
Instrument :
MSVOA_D
ClientSampleId :



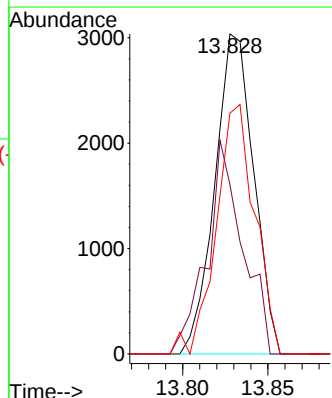
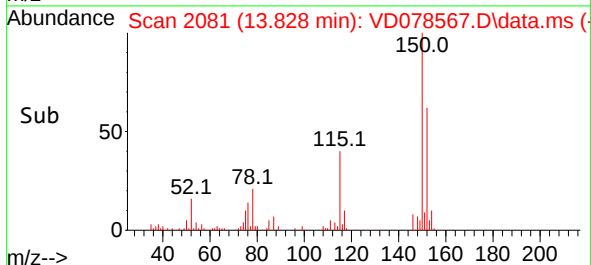
Tgt Ion:146 Resp: 5462
Ion Ratio Lower Upper
146 100
111 37.8 24.4 45.2
148 57.5 43.3 80.3

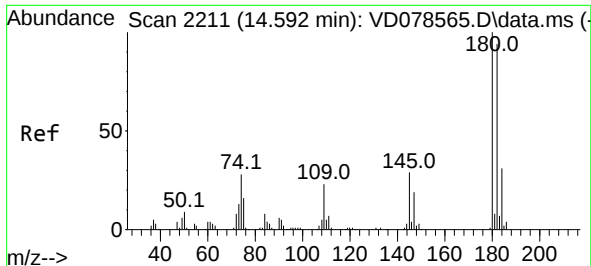


#67
1,2-Dichlorobenzene
Concen: 1.116 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58



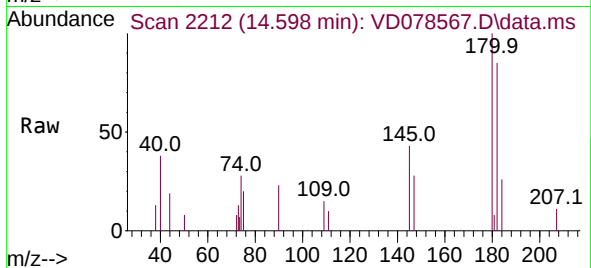
Tgt Ion:146 Resp: 4812
Ion Ratio Lower Upper
146 100
111 52.8 33.4 50.0#
148 75.3 51.6 77.4



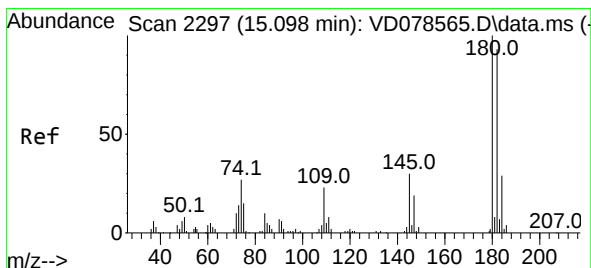
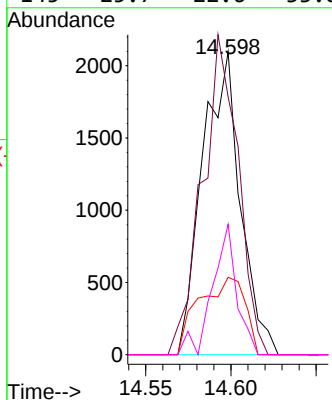
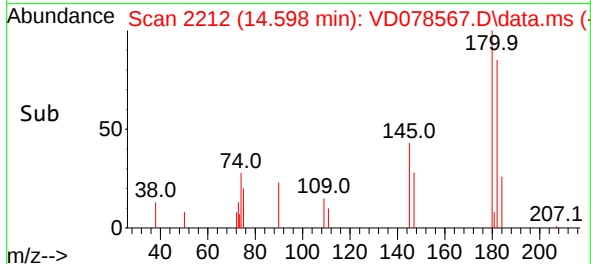


#69
1,3,5-Trichlorobenzene
Concen: 1.061 ug/L
RT: 14.598 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

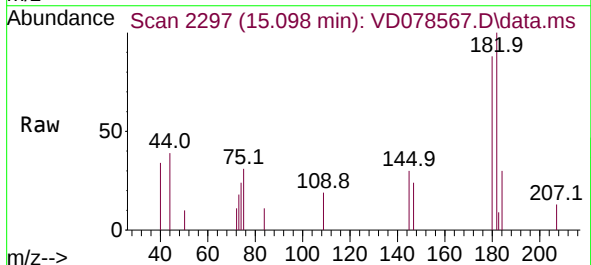
Instrument :
MSVOA_D
ClientSampleId :



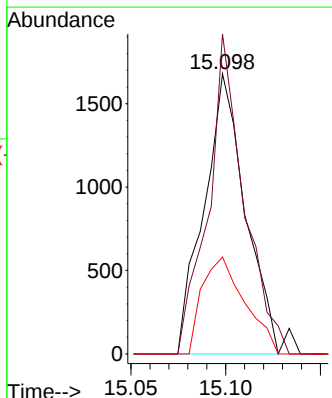
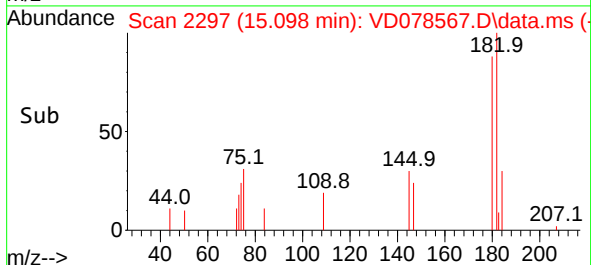
Tgt Ion:180 Resp: 3244
Ion Ratio Lower Upper
180 100
182 99.4 75.1 112.7
184 14.7 24.2 36.4#
145 25.7 22.6 33.8

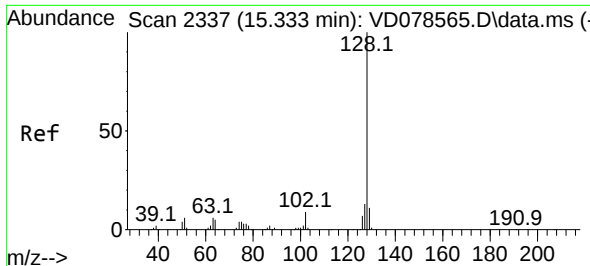


#70
1,2,4-trichlorobenzene
Concen: 0.997 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58



Tgt Ion:180 Resp: 2544
Ion Ratio Lower Upper
180 100
182 98.8 75.4 113.0
145 35.7 22.9 34.3#

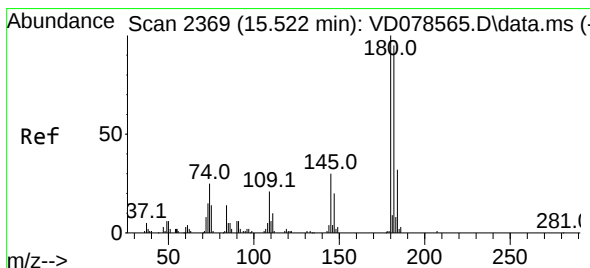
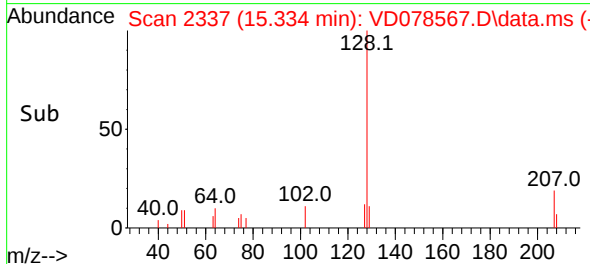
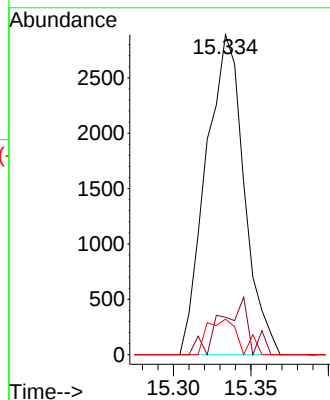
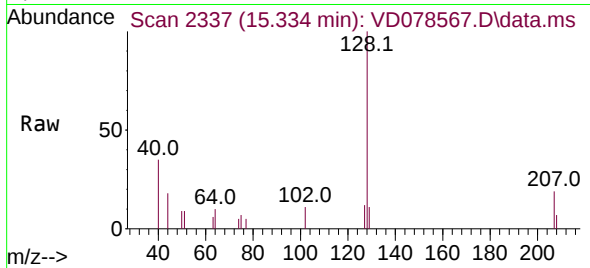




#71
Naphthalene
Concen: 1.059 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 4944
Ion Ratio Lower Upper
128 100
127 7.1 10.1 15.1#
129 3.9 8.6 12.8#



#72
1,2,3-Trichlorobenzene
Concen: 0.433 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD078567.D
Acq: 28 Feb 2024 14:58

Tgt Ion:180 Resp: 978
Ion Ratio Lower Upper
180 100
182 158.3 77.6 116.4#
145 0.0 24.2 36.2#

