

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
 Data File : VD079090.D
 Acq On : 30 May 2024 12:30
 Operator : RP/MD
 Sample : P2586-06MS
 Misc : 4.83G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4D18MS

Quant Time: May 31 01:55:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 31 01:52:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.763	114	295863	25.000	ug/L	-0.01
28) Chlorobenzene-d5	11.581	117	244716	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	74373	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.358	65	76765	8.431	ug/L	0.08
Spiked Amount	25.000	Range	30 - 150	Recovery	=	33.720%
7) Chloroethane-d5	2.805	69	9049	1.028	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	4.120%#
11) 1,1-Dichloroethene-d2	3.705	65	39028m	24.147	ug/L	-0.22
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.600%
21) 2-Butanone-d5	7.022	46	17798m	25.558	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.120%
24) Chloroform-d	7.552	84	130319	15.753	ug/L	-0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	63.000%
26) 1,2-Dichloroethane-d4	8.216	65	41549	10.888	ug/L	-0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	43.560%#
32) Benzene-d6	8.169	84	294759	21.728	ug/L	-0.04
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.920%
36) 1,2-Dichloropropane-d6	9.199	67	90525m	23.165	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.680%
41) Toluene-d8	10.263	98	284249	22.378	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.520%
43) trans-1,3-Dichloroprop...	10.534	79	20549m	12.511	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	50.040%
47) 2-Hexanone-d5	10.934	63	6578m	13.021	ug/L	0.06
Spiked Amount	50.000	Range	20 - 135	Recovery	=	26.040%
56) 1,1,2,2-Tetrachloroeth...	12.663	84	18125	5.236	ug/L	0.01
Spiked Amount	25.000	Range	45 - 120	Recovery	=	20.960%#
66) 1,2-Dichlorobenzene-d4	13.816	152	33506	13.054	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	52.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.023	85	51618	11.021	ug/L #	83
3) Chloromethane	2.193	50	60673	9.720	ug/L	91
5) Vinyl chloride	2.364	62	69044	6.701	ug/L	94
6) Bromomethane	2.676	94	6684m	0.840	ug/L	
8) Chloroethane	2.840	64	7334m	0.971	ug/L	
9) Trichlorofluoromethane	3.211	101	13873m	1.768	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.058	101	72133m	15.326	ug/L	
12) 1,1-Dichloroethene	3.734	96	75512m	18.429	ug/L	
13) Acetone	4.058	43	18497m	18.347	ug/L	
14) Carbon disulfide	4.075	76	191577	13.403	ug/L	99
15) Methyl Acetate	4.546	43	113028m	82.283	ug/L	
16) Methylene chloride	4.799	84	84443m	16.018	ug/L	
17) trans-1,2-Dichloroethene	5.193	96	68804m	15.538	ug/L	
18) Methyl tert-butyl Ether	5.322	73	60970	7.763	ug/L #	81
19) 1,1-Dichloroethane	6.058	63	106628m	14.956	ug/L	
20) cis-1,2-Dichloroethene	7.046	96	63678m	13.811	ug/L	
22) 2-Butanone	7.116	43	18954m	17.896	ug/L	
23) Bromochloromethane	7.393	128	25260m	10.806	ug/L	
25) Chloroform	7.581	83	97621	12.060	ug/L	95

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

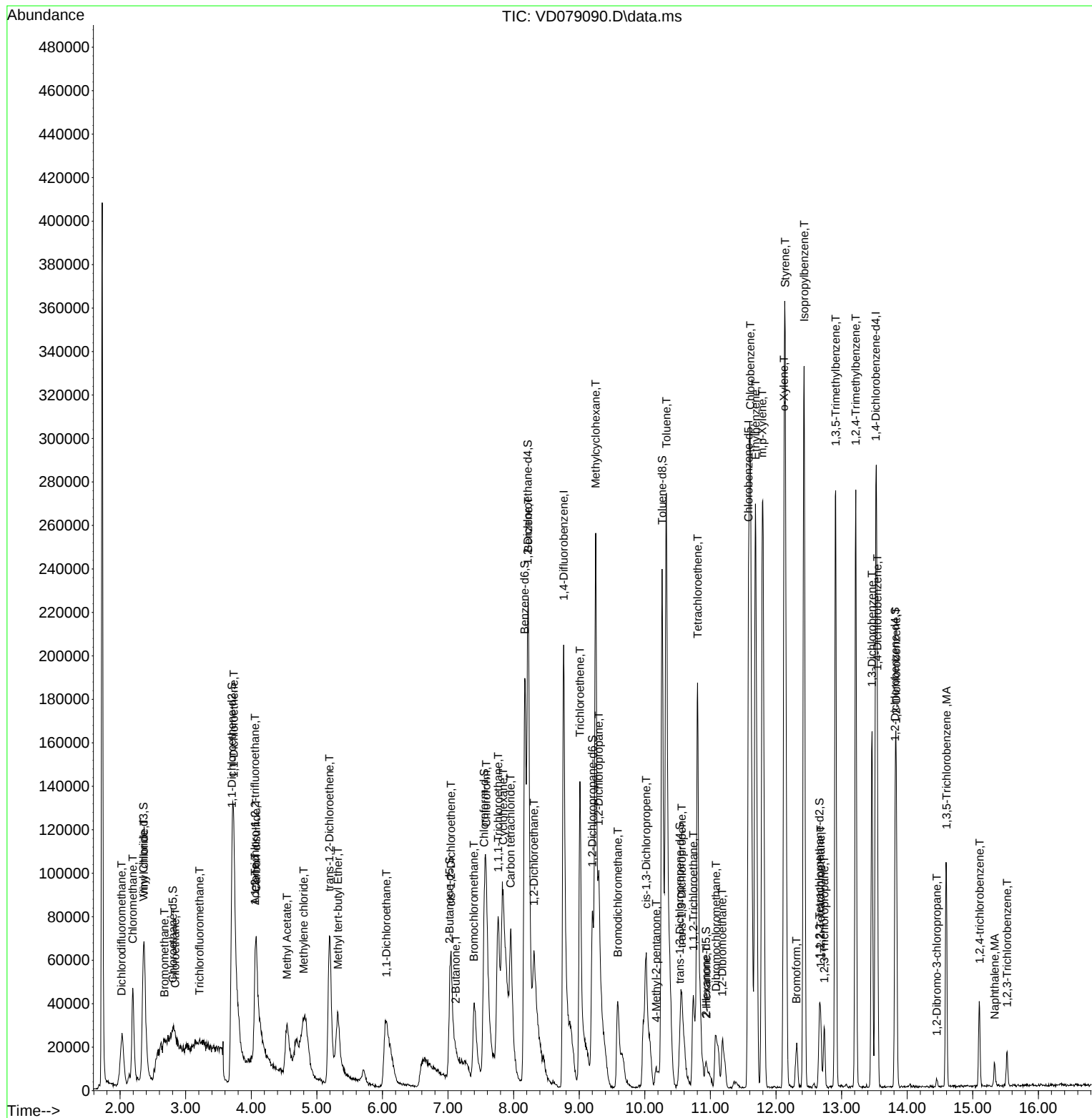
27) 1,2-Dichloroethane	8.310	62	39618	8.432	ug/L	98
29) Cyclohexane	7.840	56	87103m	19.727	ug/L	
30) 1,1,1-Trichloroethane	7.763	97	100878	17.411	ug/L #	80
31) Carbon tetrachloride	7.952	117	54363	10.097	ug/L	97
33) Benzene	8.222	78	238607	16.371	ug/L	100
34) Trichloroethene	9.010	95	61790	16.460	ug/L	97
35) Methylcyclohexane	9.252	83	128059	20.587	ug/L	92
37) 1,2-Dichloropropane	9.299	63	36372	10.188	ug/L #	92
38) Bromodichloromethane	9.587	83	60598m	12.210	ug/L	
39) cis-1,3-Dichloropropene	10.022	75	64611m	11.593	ug/L	
40) 4-Methyl-2-pentanone	10.175	43	19163m	12.858	ug/L	
42) Toluene	10.328	91	289290	17.874	ug/L	100
44) trans-1,3-Dichloropropene	10.563	75	44395	9.420	ug/L	87
45) 1,1,2-Trichloroethane	10.740	97	31466m	10.046	ug/L	
46) Tetrachloroethene	10.805	164	60346	18.257	ug/L	96
48) 2-Hexanone	10.940	43	11199m	8.684	ug/L	
49) Dibromochloromethane	11.087	129	29703m	8.008	ug/L	
50) 1,2-Dibromoethane	11.181	107	28243	9.812	ug/L #	96
51) Chlorobenzene	11.610	112	148370	13.778	ug/L	94
52) Ethylbenzene	11.687	91	288146	17.068	ug/L	96
53) m,p-Xylene	11.793	106	131013	19.780	ug/L	99
54) o-Xylene	12.122	106	96709	15.113	ug/L	95
55) Styrene	12.140	104	144006	12.692	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.681	83	14680	4.187	ug/L #	91
59) Bromoform	12.310	173	12645	9.277	ug/L #	69
60) Isopropylbenzene	12.428	105	276008	28.066	ug/L	99
61) 1,2,3-Trichloropropane	12.734	75	14133	10.763	ug/L	96
62) 1,3,5-Trimethylbenzene	12.910	105	172672	25.680	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	162301	22.568	ug/L	97
64) 1,3-Dichlorobenzene	13.463	146	82259	17.412	ug/L	92
65) 1,4-Dichlorobenzene	13.546	146	73663	14.716	ug/L	94
67) 1,2-Dichlorobenzene	13.834	146	46841	10.725	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	767m	2.842	ug/L	
69) 1,3,5-Trichlorobenzene	14.598	180	35657	11.967	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	13673	5.525	ug/L	100
71) Naphthalene	15.334	128	10059	2.174	ug/L #	96
72) 1,2,3-Trichlorobenzene	15.522	180	6210	2.904	ug/L	99

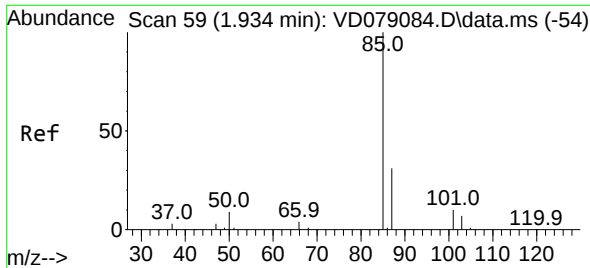
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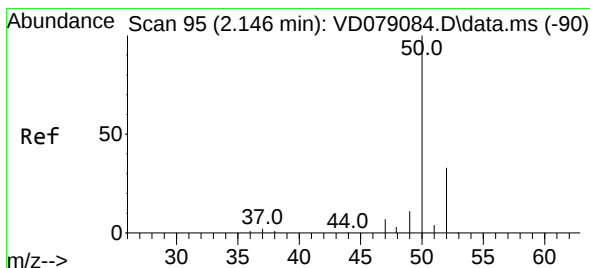
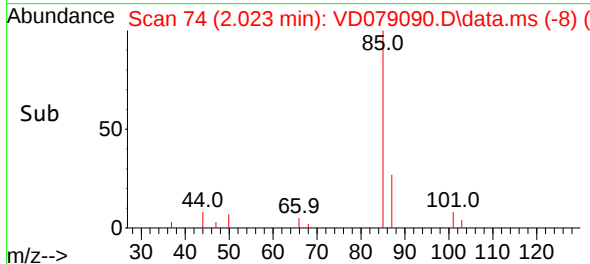
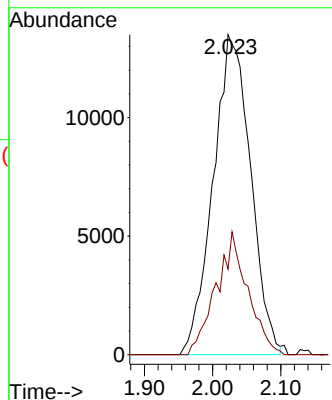
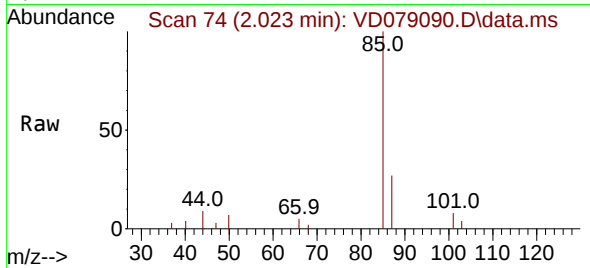




#2
 Dichlorodifluoromethane
 Concen: 11.021 ug/L
 RT: 2.023 min Scan# 74
 Delta R.T. 0.088 min
 Lab File: VD079090.D
 Acq: 30 May 2024 12:30

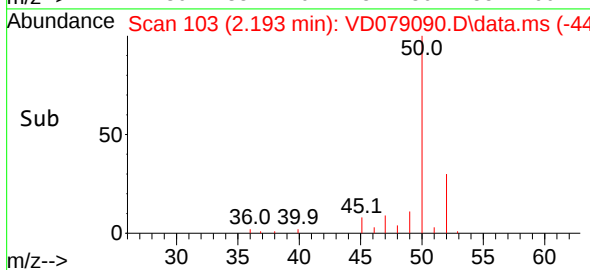
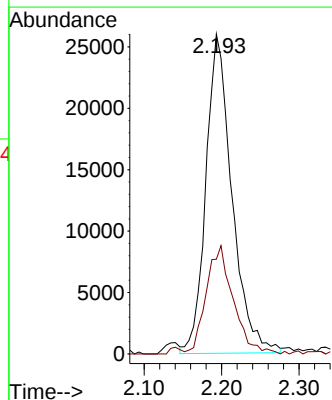
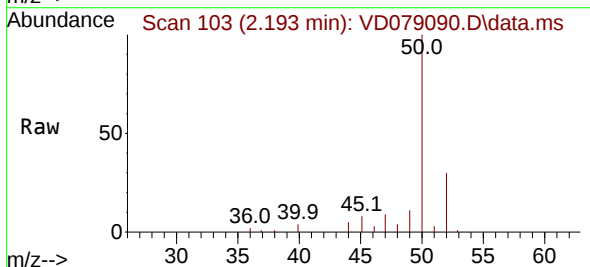
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 ClientSampleId :
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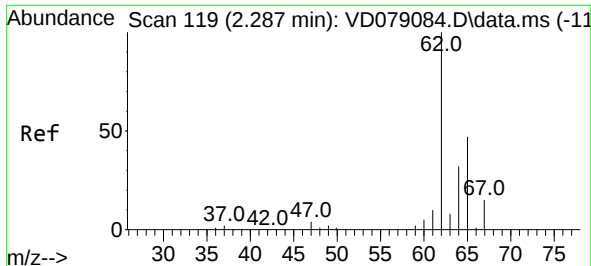
Tgt Ion: 85 Resp: 51618
 Ion Ratio Lower Upper
 85 100
 87 23.4 26.2 39.4#



#3
 Chloromethane
 Concen: 9.720 ug/L
 RT: 2.193 min Scan# 103
 Delta R.T. 0.047 min
 Lab File: VD079090.D
 Acq: 30 May 2024 12:30

Tgt Ion: 50 Resp: 60673
 Ion Ratio Lower Upper
 50 100
 52 29.6 24.4 45.2

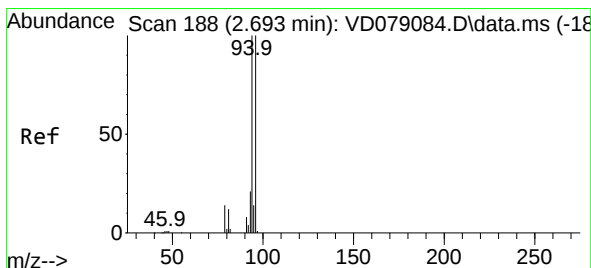
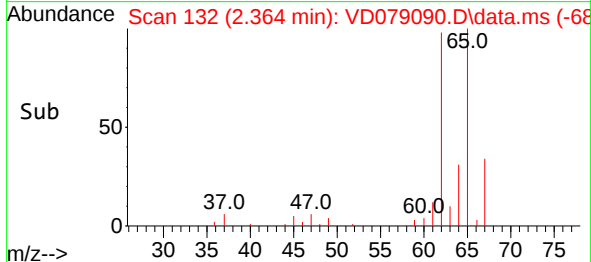
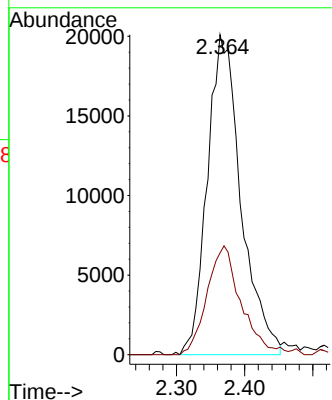
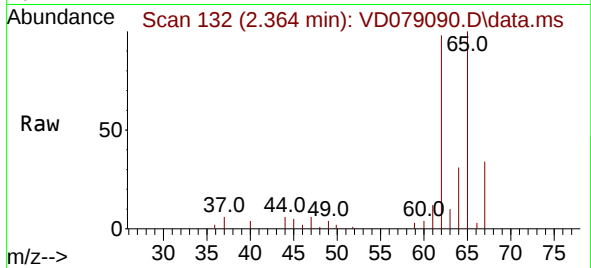




#5
 Vinyl chloride
 Concen: 6.701 ug/L
 RT: 2.364 min Scan# 11
 Delta R.T. 0.077 min
 Lab File: VD079090.D
 Acq: 30 May 2024 12:30

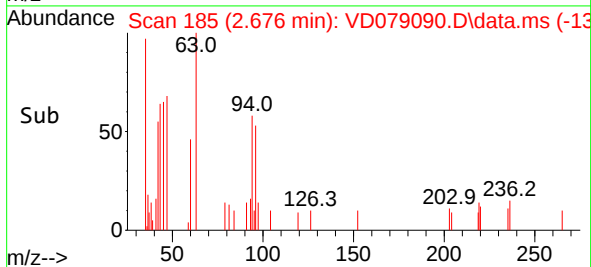
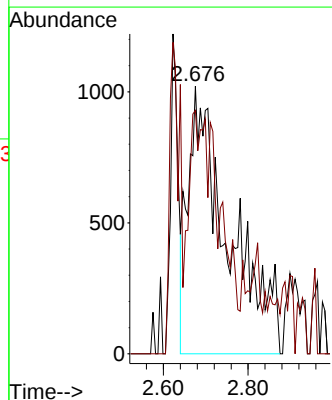
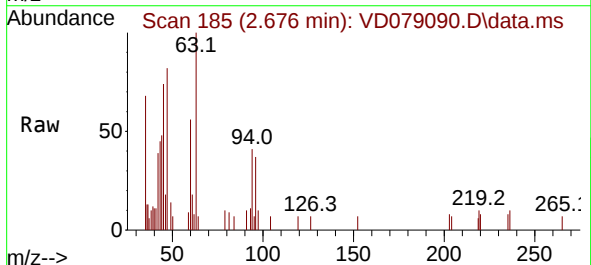
Instrument :
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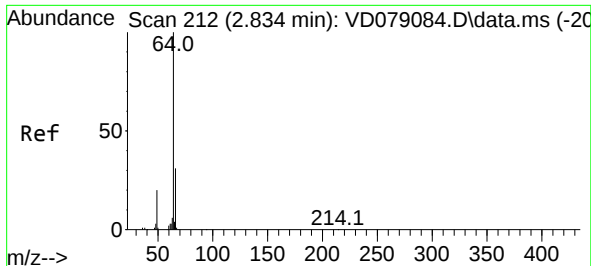
Tgt Ion: 62 Resp: 69044
 Ion Ratio Lower Upper
 62 100
 64 31.8 24.8 46.1



#6
 Bromomethane
 Concen: 0.840 ug/L m
 RT: 2.676 min Scan# 185
 Delta R.T. -0.017 min
 Lab File: VD079090.D
 Acq: 30 May 2024 12:30

Tgt Ion: 94 Resp: 6684
 Ion Ratio Lower Upper
 94 100
 96 90.9 63.6 118.2

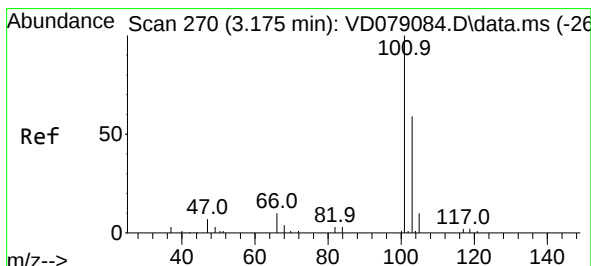
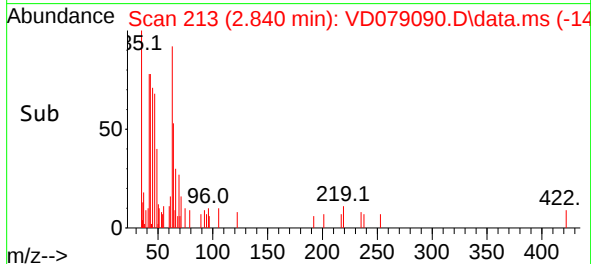
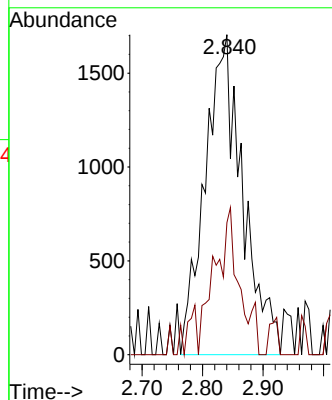
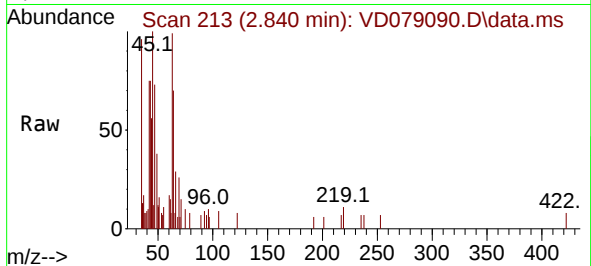




#8
Chloroethane
Concen: 0.971 ug/L m
RT: 2.840 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

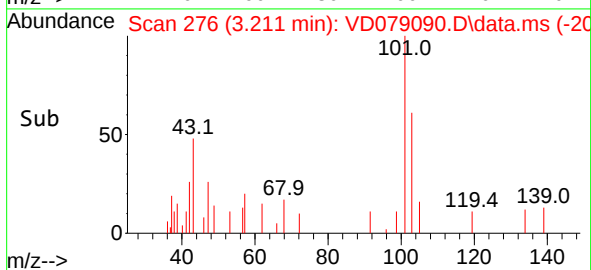
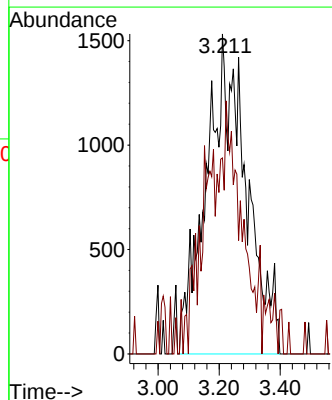
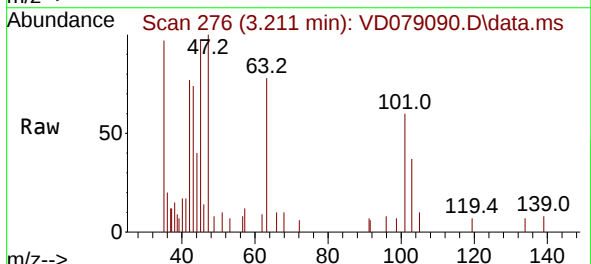
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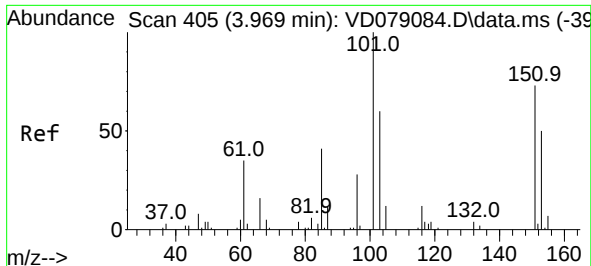
Tgt Ion: 64 Resp: 7334
Ion Ratio Lower Upper
64 100
66 41.2 24.8 46.1



#9
Trichlorofluoromethane
Concen: 1.768 ug/L m
RT: 3.211 min Scan# 276
Delta R.T. 0.036 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion: 101 Resp: 13873
Ion Ratio Lower Upper
101 100
103 0.7 52.6 79.0#

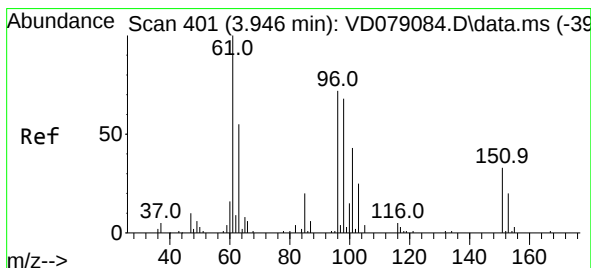
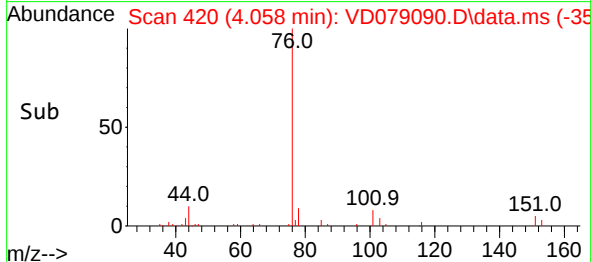
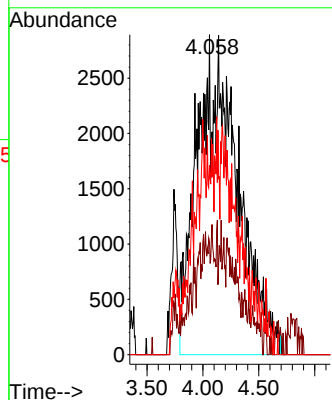
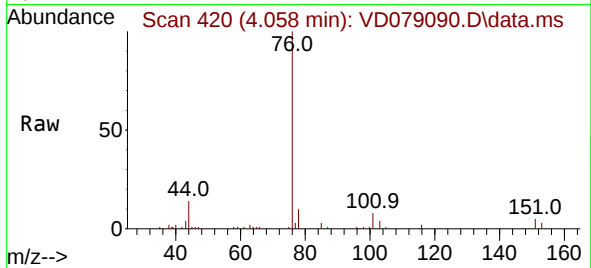




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 15.326 ug/L m
 RT: 4.058 min Scan# 41
 Delta R.T. 0.088 min
 Lab File: VD079090.D
 Acq: 30 May 2024 12:30

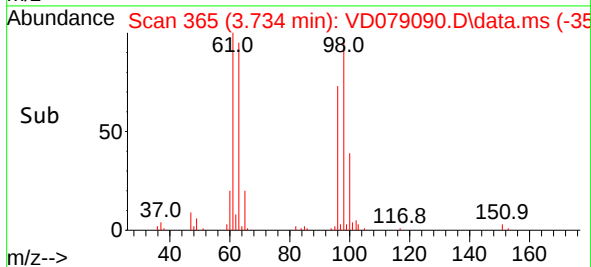
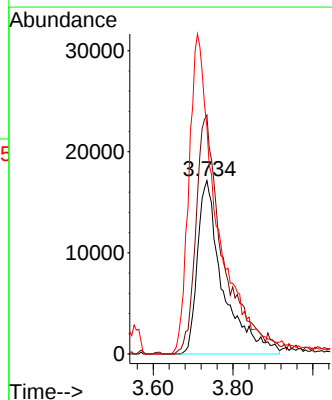
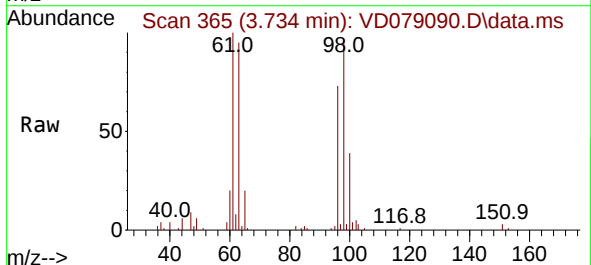
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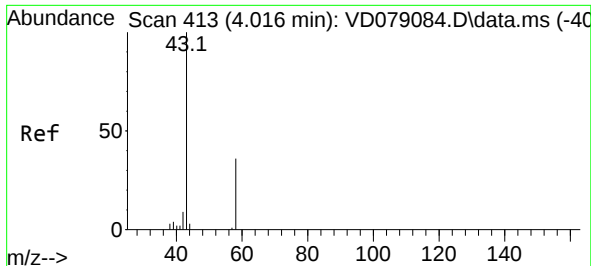
Tgt Ion:101 Resp: 72133
 Ion Ratio Lower Upper
 101 100
 85 1.5 35.4 53.0#
 151 0.0 59.1 88.7#



#12
 1,1-Dichloroethene
 Concen: 18.429 ug/L m
 RT: 3.734 min Scan# 365
 Delta R.T. -0.212 min
 Lab File: VD079090.D
 Acq: 30 May 2024 12:30

Tgt Ion: 96 Resp: 75512
 Ion Ratio Lower Upper
 96 100
 61 137.7 93.9 174.3
 63 131.0 67.7 125.7#





#13

Acetone

Concen: 18.347 ug/L m

RT: 4.058 min Scan# 41

Delta R.T. 0.041 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

Instrument :

MSVOA_D

ClientSampleId :

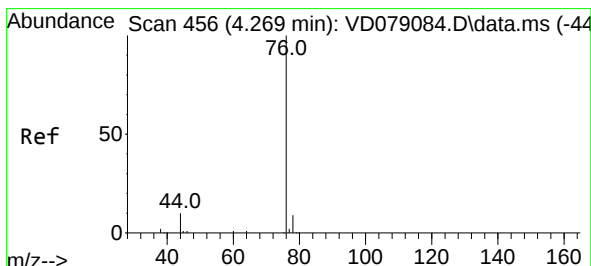
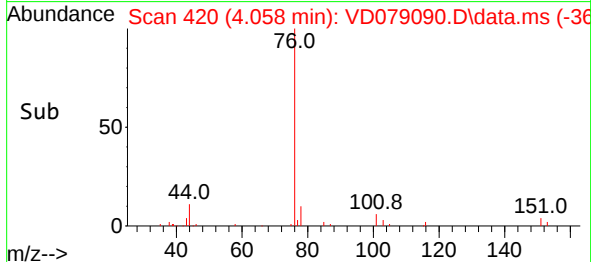
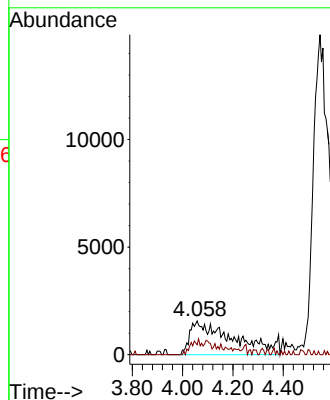
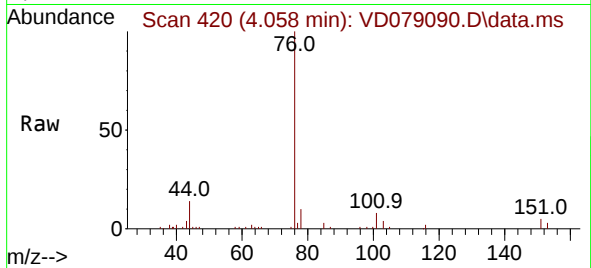
A4D18MS

Tgt Ion: 43 Resp: 18497

Ion Ratio Lower Upper

43 100

58 2.9 0.0 78.2



#14

Carbon disulfide

Concen: 13.403 ug/L

RT: 4.075 min Scan# 423

Delta R.T. -0.194 min

Lab File: VD079090.D

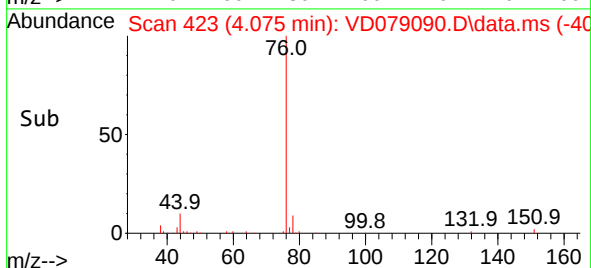
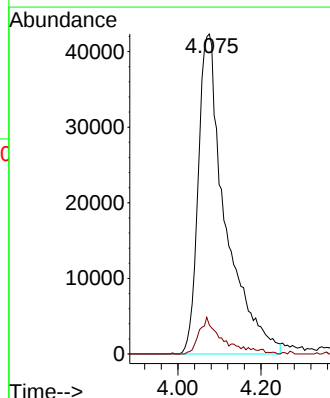
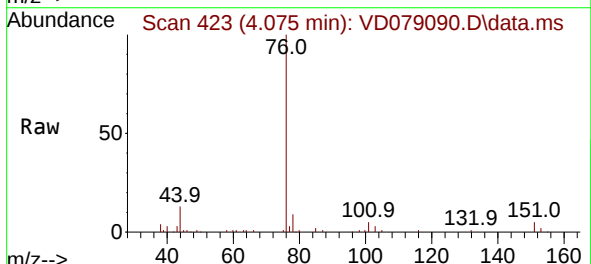
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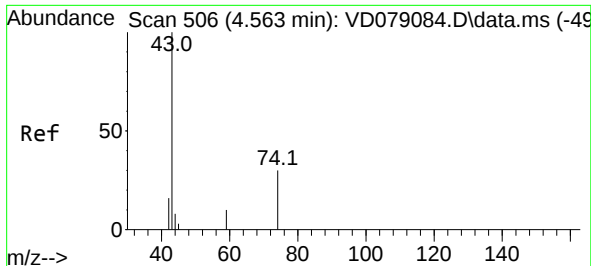
Tgt Ion: 76 Resp: 191577

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

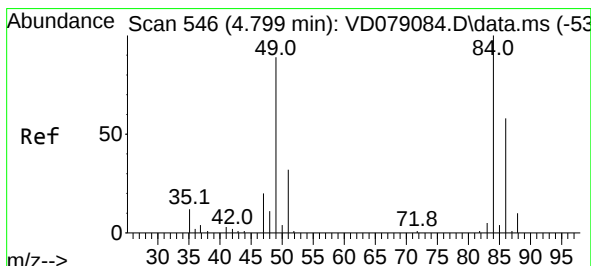
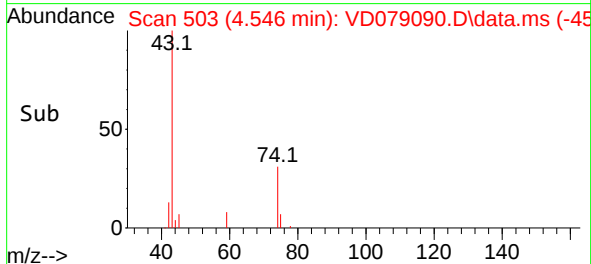
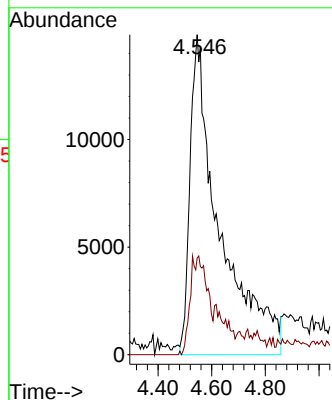
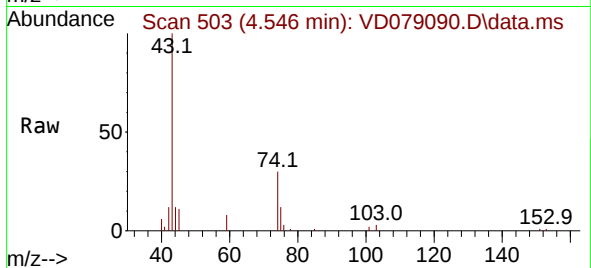




#15
Methyl Acetate
Concen: 82.283 ug/L m
RT: 4.546 min Scan# 503
Delta R.T. -0.017 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

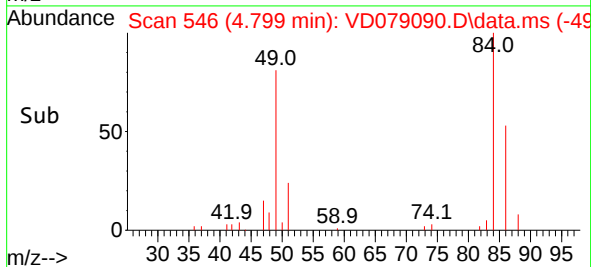
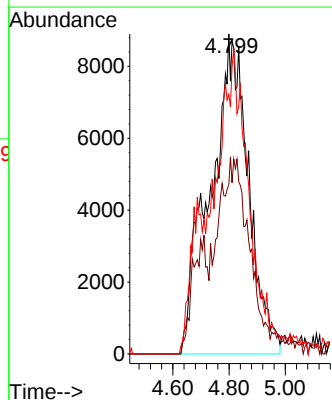
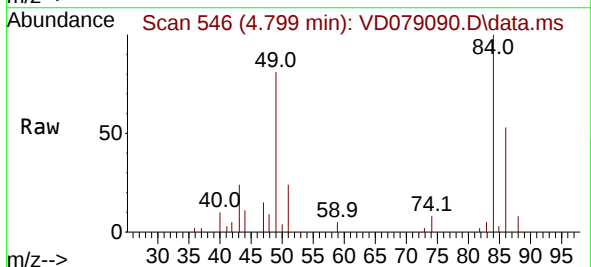
Instrument :
MSVOA_D
ClientSampleId :
A4D18MS

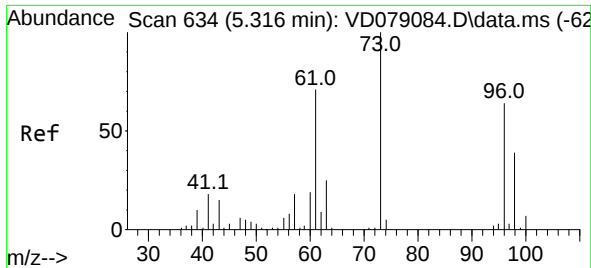
Tgt Ion: 43 Resp: 113028
Ion Ratio Lower Upper
43 100
74 0.2 23.8 35.6#



#16
Methylene chloride
Concen: 16.018 ug/L m
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion: 84 Resp: 84443
Ion Ratio Lower Upper
84 100
86 53.0 40.9 76.0
49 81.1 67.5 125.3

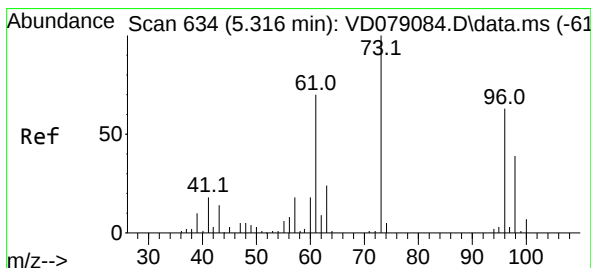
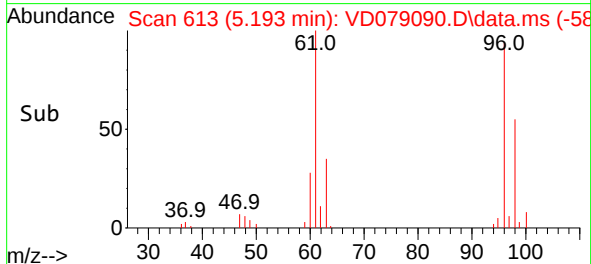
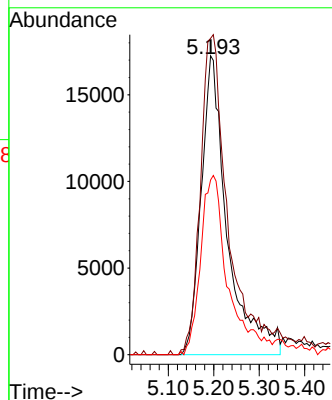
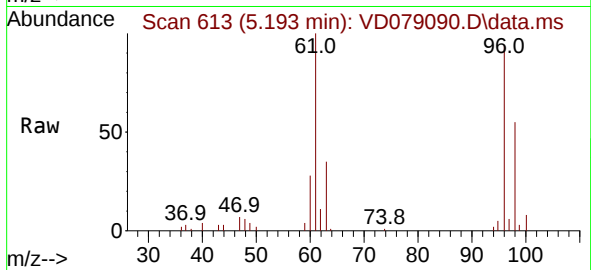




#17
trans-1,2-Dichloroethene
Concen: 15.538 ug/L m
RT: 5.193 min Scan# 61
Delta R.T. -0.123 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

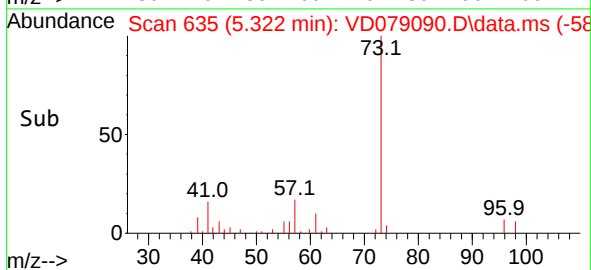
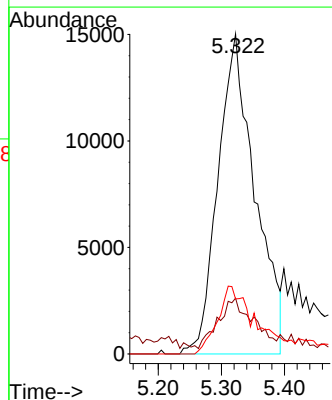
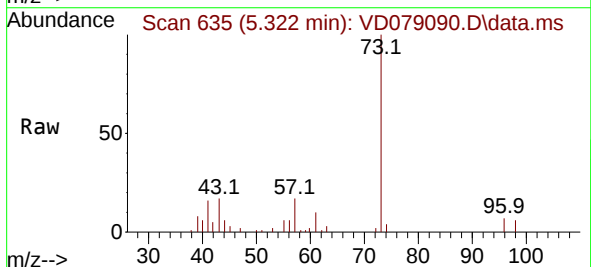
Instrument :
MSVOA_D
ClientSampleId :
A4D18MS

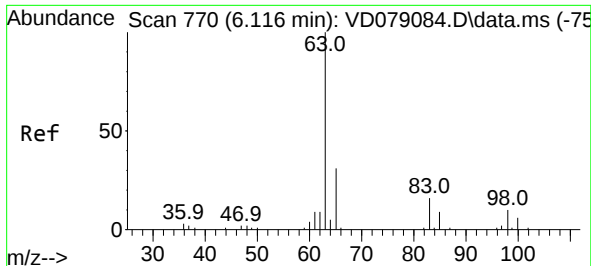
Tgt Ion: 96 Resp: 68804
Ion Ratio Lower Upper
96 100
61 105.8 71.9 133.5
98 58.4 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 7.763 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion: 73 Resp: 60970
Ion Ratio Lower Upper
73 100
43 2.2 12.0 18.0#
57 10.4 9.6 14.4

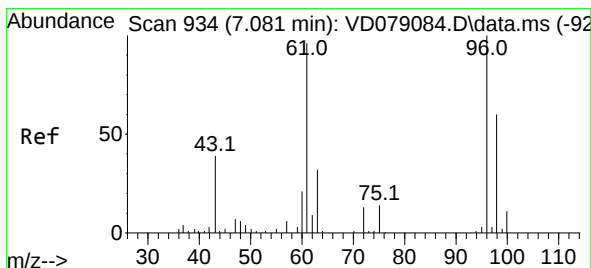
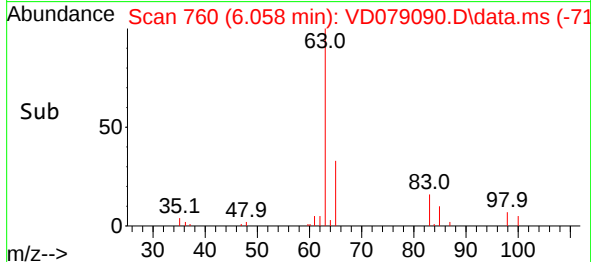
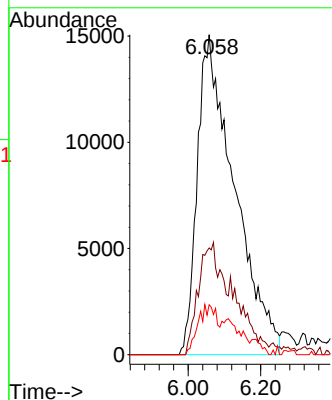
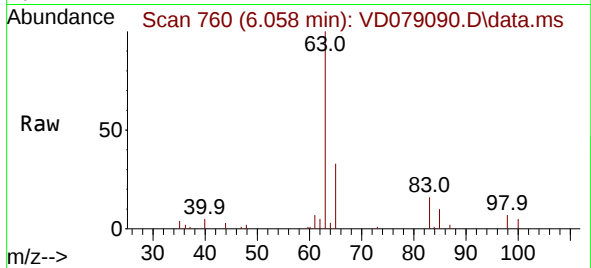




#19
1,1-Dichloroethane
Concen: 14.956 ug/L m
RT: 6.058 min Scan# 71
Delta R.T. -0.059 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

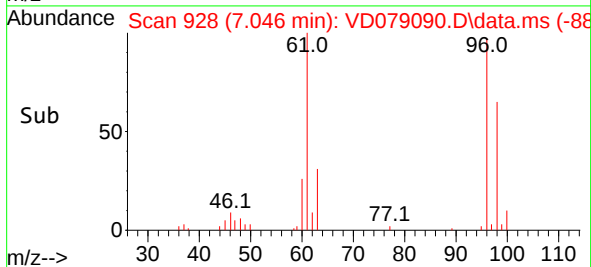
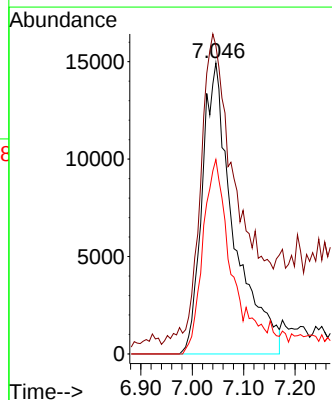
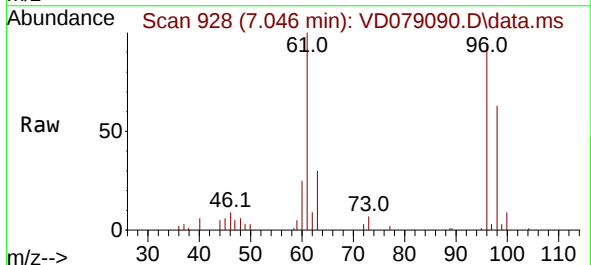
Instrument :
MSVOA_D
ClientSampleId :
A4D18MS

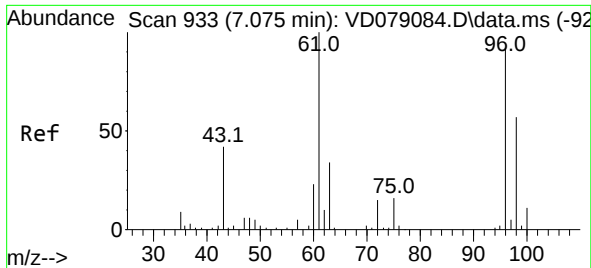
Tgt Ion: 63 Resp: 106628
Ion Ratio Lower Upper
63 100
65 33.4 22.8 42.4
83 15.6 8.6 16.0



#20
cis-1,2-Dichloroethene
Concen: 13.811 ug/L m
RT: 7.046 min Scan# 928
Delta R.T. -0.035 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion: 96 Resp: 63678
Ion Ratio Lower Upper
96 100
61 105.9 72.6 134.8
98 66.8 43.8 81.3

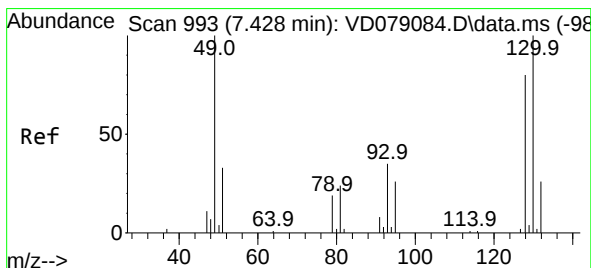
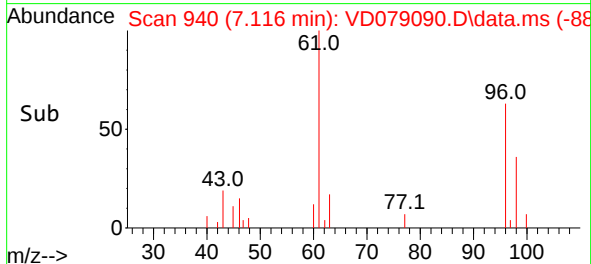
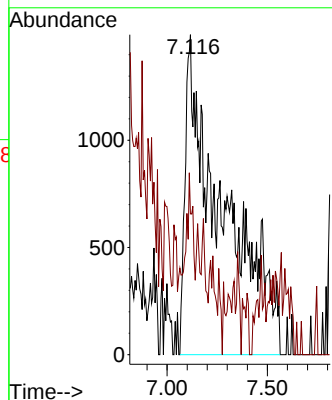
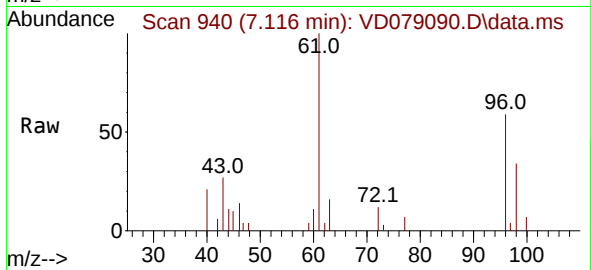




#22
2-Butanone
Concen: 17.896 ug/L m
RT: 7.116 min Scan# 94
Delta R.T. 0.041 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

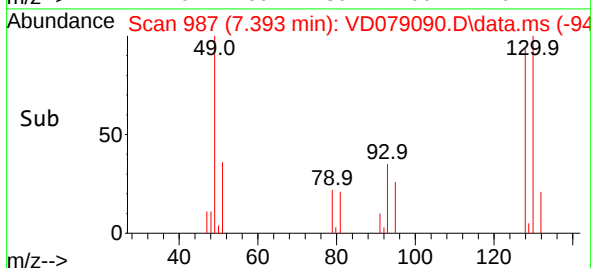
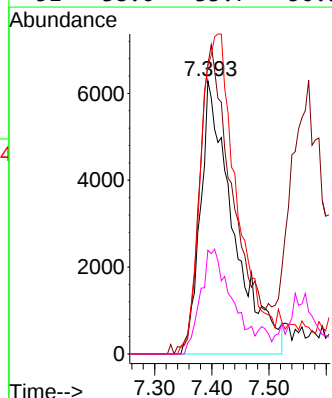
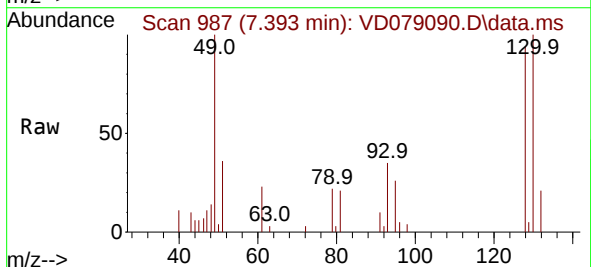
Instrument :
MSVOA_D
ClientSampleId :
A4D18MS

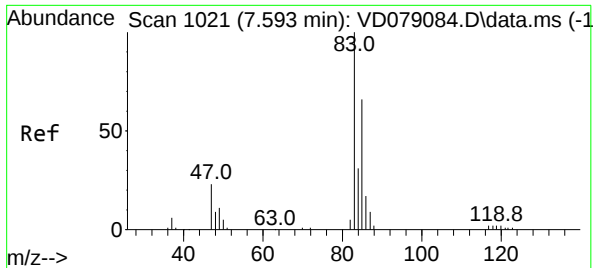
Tgt Ion: 43 Resp: 18954
Ion Ratio Lower Upper
43 100
72 0.8 19.3 57.8#



#23
Bromochloromethane
Concen: 10.806 ug/L m
RT: 7.393 min Scan# 987
Delta R.T. -0.035 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion:128 Resp: 25260
Ion Ratio Lower Upper
128 100
49 105.9 81.8 151.8
130 105.6 90.4 167.8
51 38.0 33.7 50.5

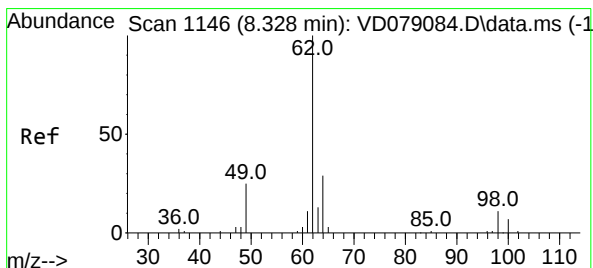
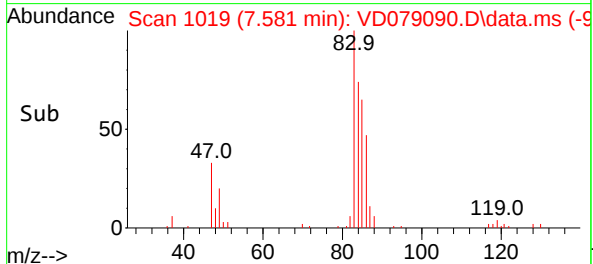
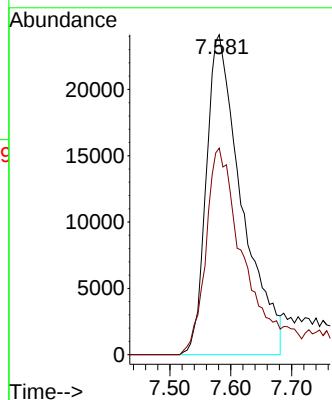
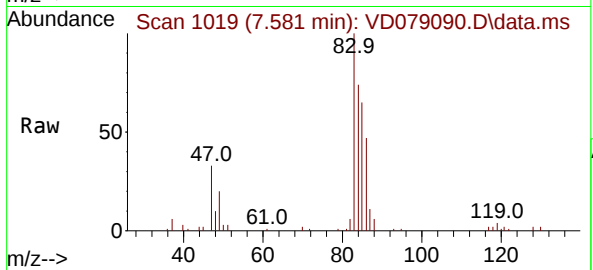




#25
Chloroform
Concen: 12.060 ug/L
RT: 7.581 min Scan# 110
Delta R.T. -0.012 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

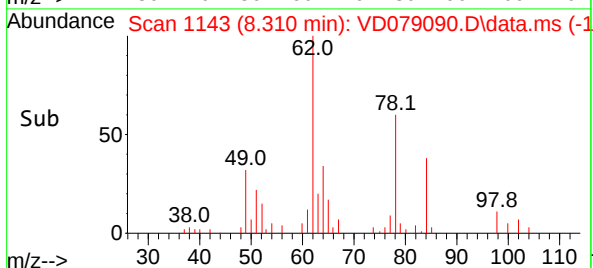
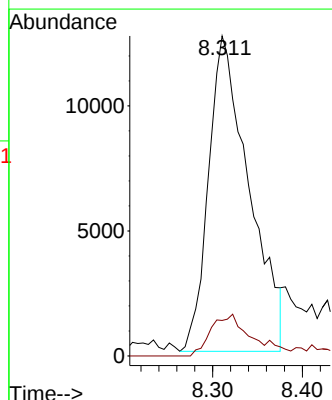
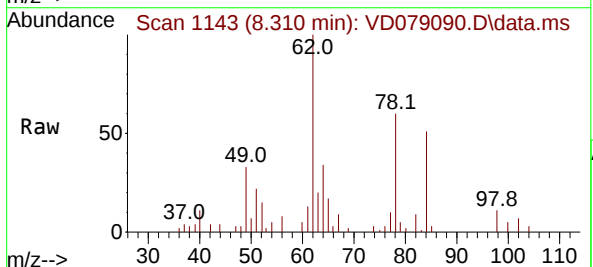
Instrument :
MSVOA_D
ClientSampleId :
A4D18MS

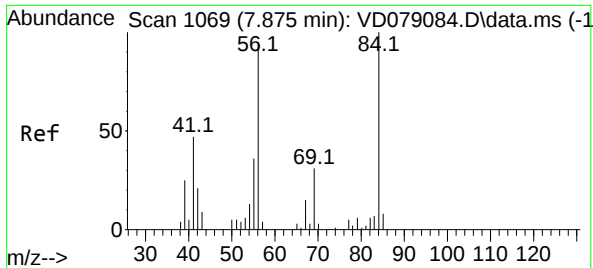
Tgt Ion: 83 Resp: 97621
Ion Ratio Lower Upper
83 100
85 64.6 47.9 89.1



#27
1,2-Dichloroethane
Concen: 8.432 ug/L
RT: 8.310 min Scan# 1143
Delta R.T. -0.017 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion: 62 Resp: 39618
Ion Ratio Lower Upper
62 100
98 11.1 8.2 12.4

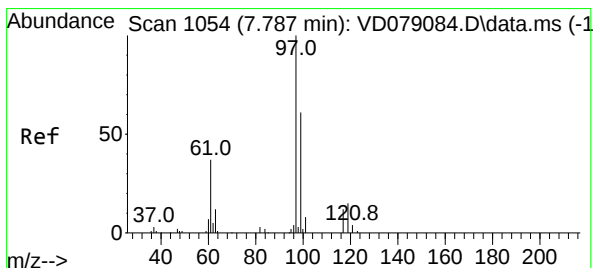
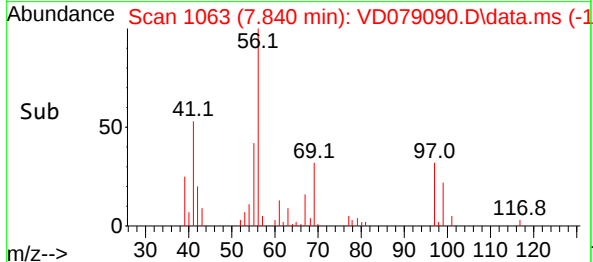
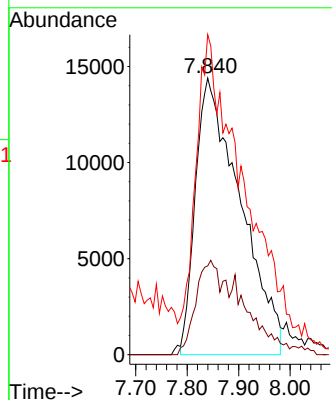
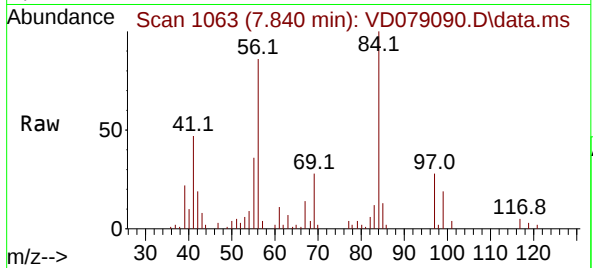




#29
Cyclohexane
Concen: 19.727 ug/L m
RT: 7.840 min Scan# 1063
Delta R.T. -0.035 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

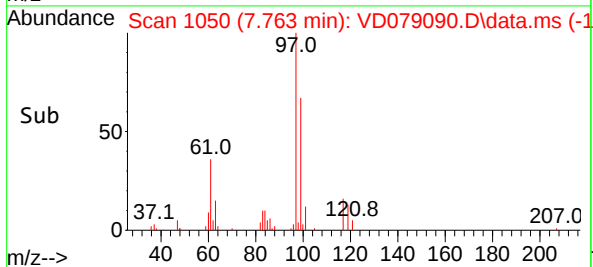
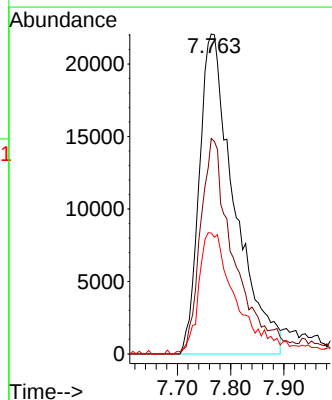
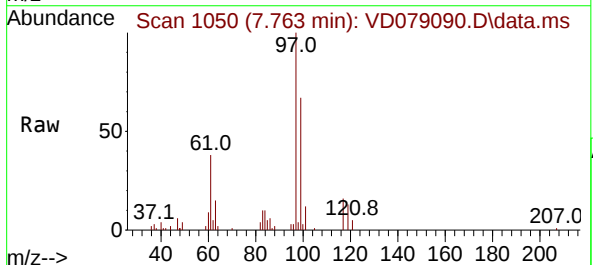
Instrument :
MSVOA_D
ClientSampleId :
A4D18MS

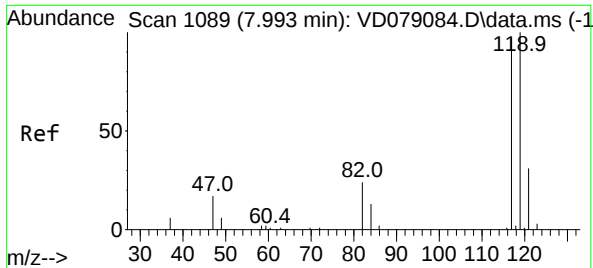
Tgt Ion: 56 Resp: 87103
Ion Ratio Lower Upper
56 100
69 17.1 26.6 40.0#
84 44.1 87.5 131.3#



#30
1,1,1-Trichloroethane
Concen: 17.411 ug/L
RT: 7.763 min Scan# 1050
Delta R.T. -0.023 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion: 97 Resp: 100878
Ion Ratio Lower Upper
97 100
99 56.7 52.3 78.5
61 17.7 31.7 47.5#

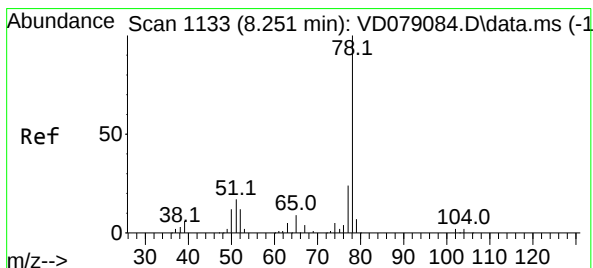
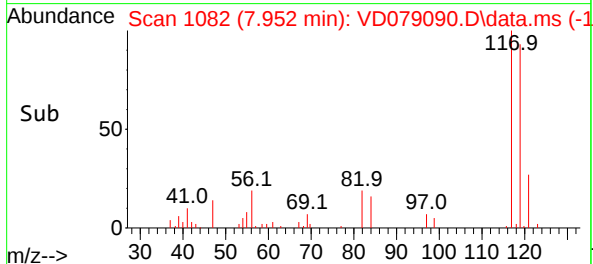
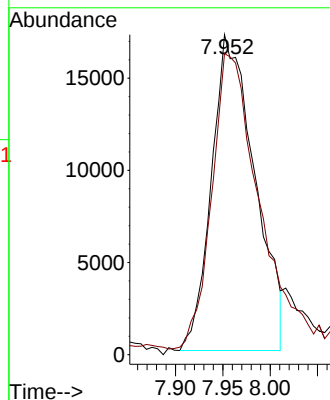
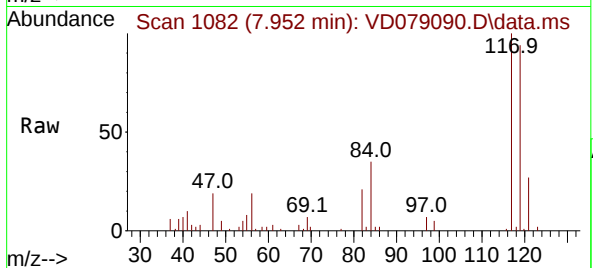




#31
Carbon tetrachloride
Concen: 10.097 ug/L
RT: 7.952 min Scan# 1117
Delta R.T. -0.041 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

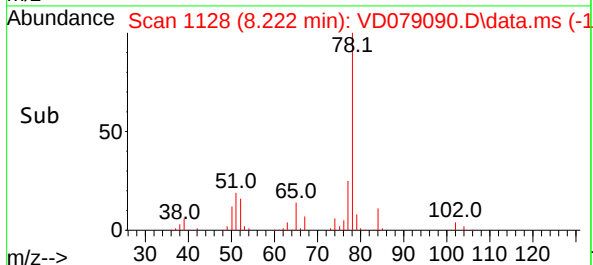
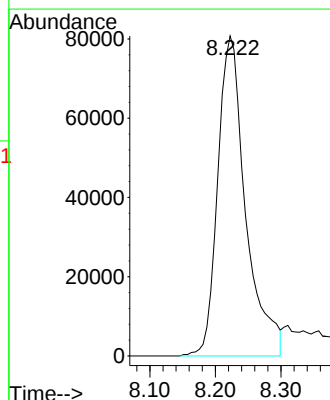
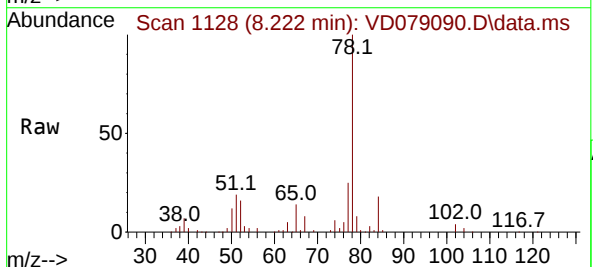
Instrument :
MSVOA_D
ClientSampleId :
A4D18MS

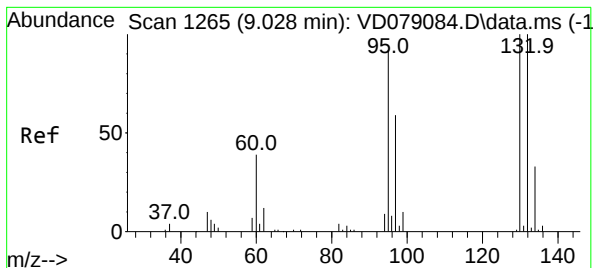
Tgt Ion:117 Resp: 54363
Ion Ratio Lower Upper
117 100
119 102.9 79.6 119.4



#33
Benzene
Concen: 16.371 ug/L
RT: 8.222 min Scan# 1128
Delta R.T. -0.029 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion: 78 Resp: 238607





#34

Trichloroethene

Concen: 16.460 ug/L

RT: 9.010 min Scan# 11

Delta R.T. -0.017 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

Instrument :

MSVOA_D

ClientSampleId :

A4D18MS

Tgt Ion: 95 Resp: 61790

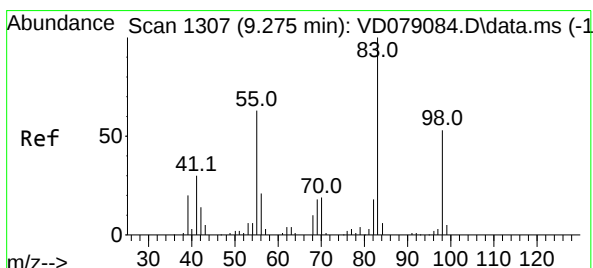
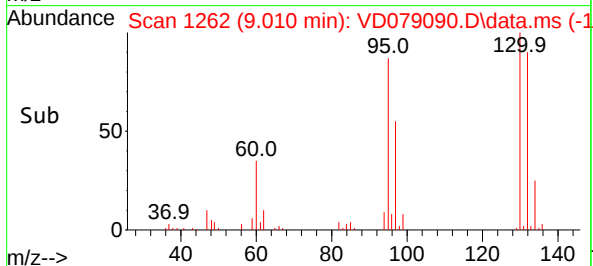
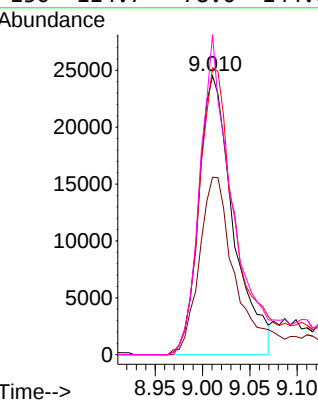
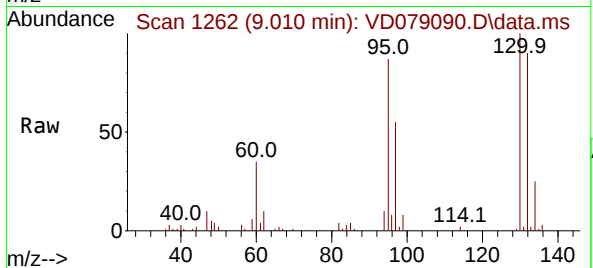
Ion Ratio Lower Upper

95 100

97 63.6 44.6 82.8

132 102.8 74.9 139.1

130 114.7 78.0 144.8



#35

Methylcyclohexane

Concen: 20.587 ug/L

RT: 9.252 min Scan# 1303

Delta R.T. -0.023 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

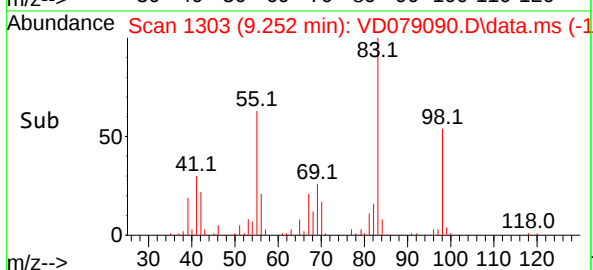
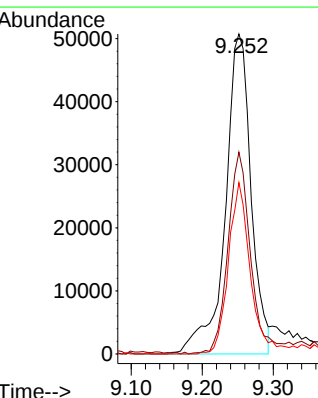
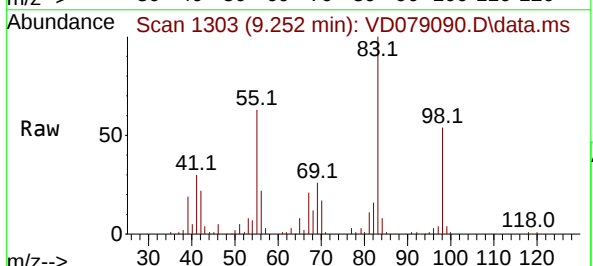
Tgt Ion: 83 Resp: 128059

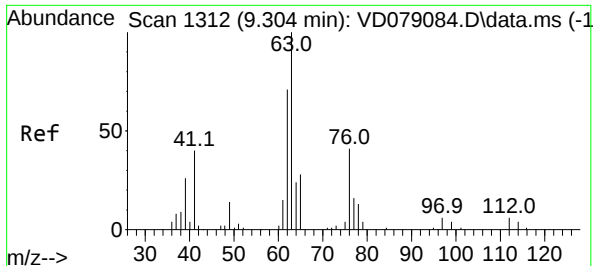
Ion Ratio Lower Upper

83 100

55 55.3 48.6 72.8

98 43.8 40.2 60.2





#37

1,2-Dichloropropane

Concen: 10.188 ug/L

RT: 9.299 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

Instrument :

MSVOA_D

ClientSampleId :

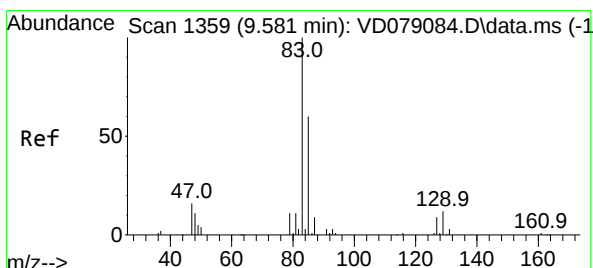
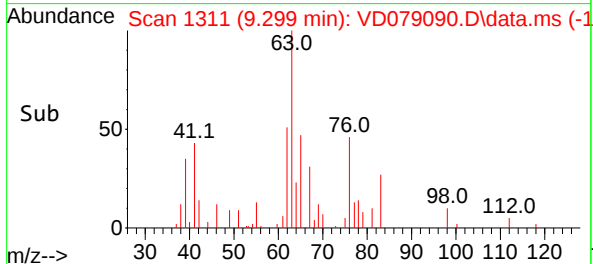
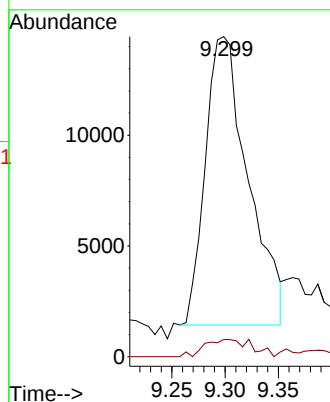
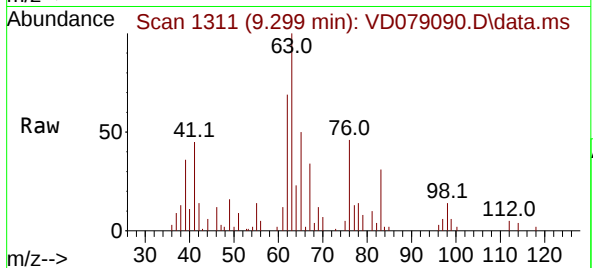
A4D18MS

Tgt Ion: 63 Resp: 36372

Ion Ratio Lower Upper

63 100

112 2.4 3.9 5.9#



#38

Bromodichloromethane

Concen: 12.210 ug/L m

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

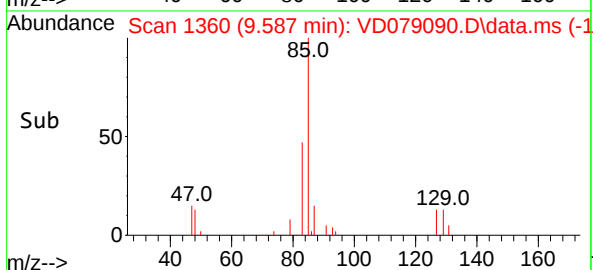
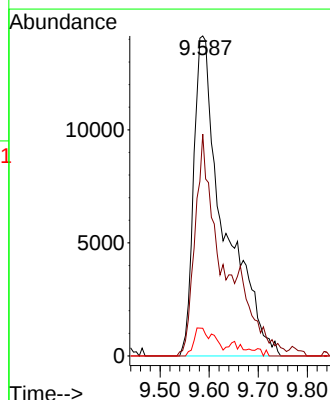
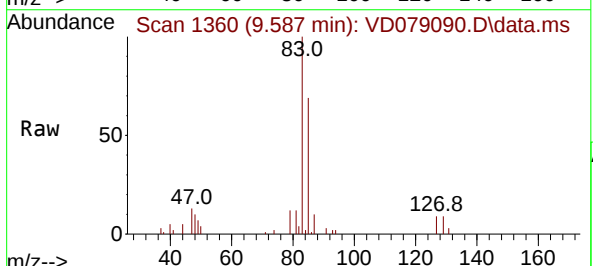
Tgt Ion: 83 Resp: 60598

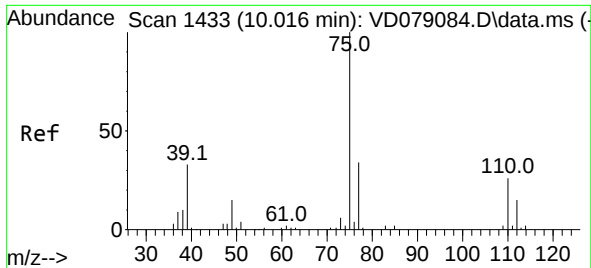
Ion Ratio Lower Upper

83 100

85 69.3 46.5 86.5

127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 11.593 ug/L m

RT: 10.022 min Scan# 1433

Delta R.T. 0.006 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

Instrument :

MSVOA_D

ClientSampleId :

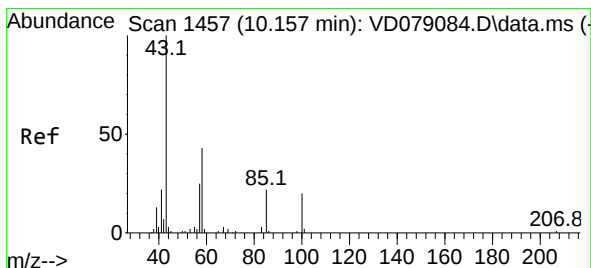
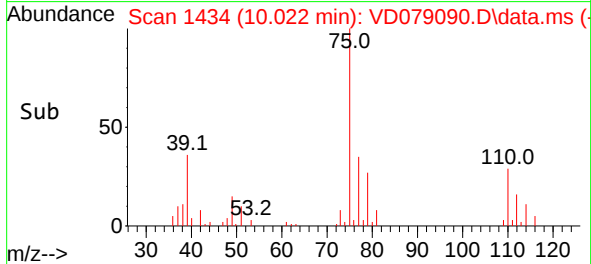
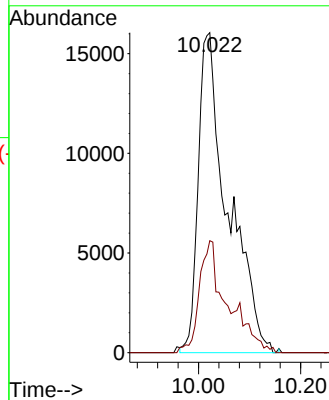
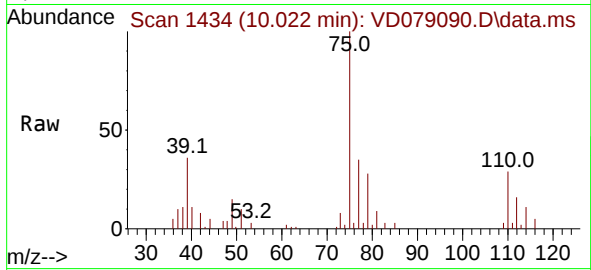
A4D18MS

Tgt Ion: 75 Resp: 64611

Ion Ratio Lower Upper

75 100

77 35.0 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 12.858 ug/L m

RT: 10.175 min Scan# 1460

Delta R.T. 0.018 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

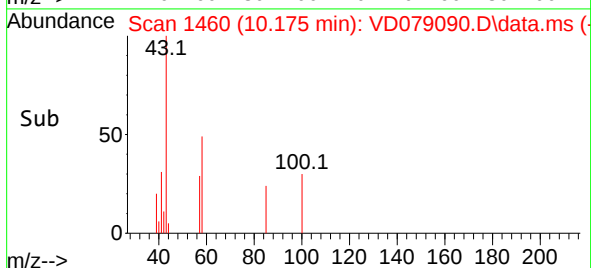
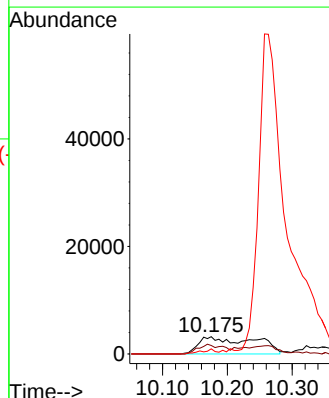
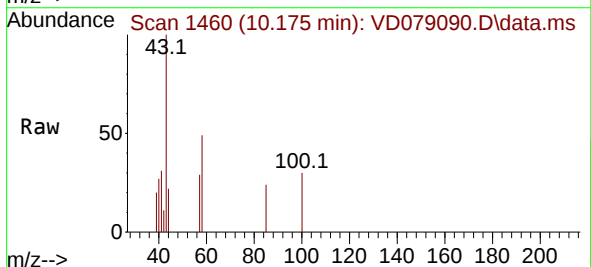
Tgt Ion: 43 Resp: 19163

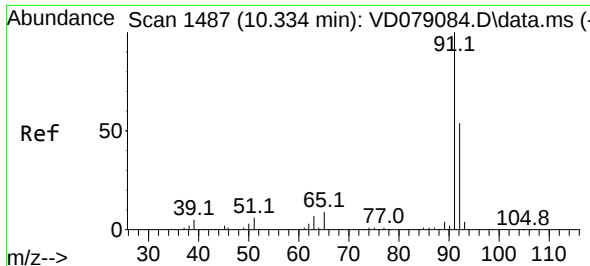
Ion Ratio Lower Upper

43 100

58 16.2 34.0 51.0#

100 4.2 16.9 25.3#

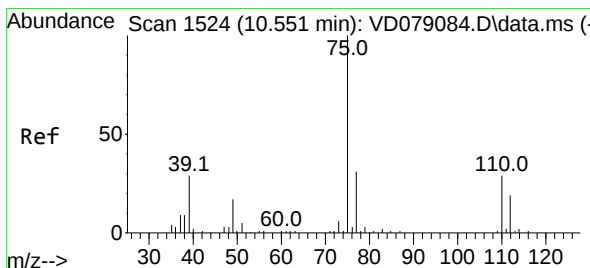
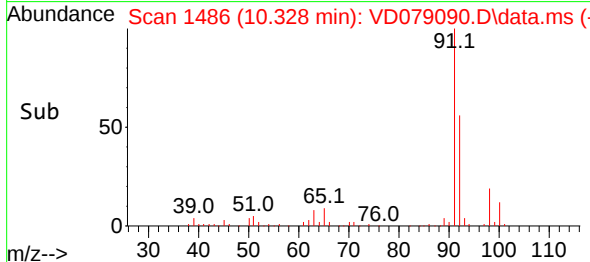
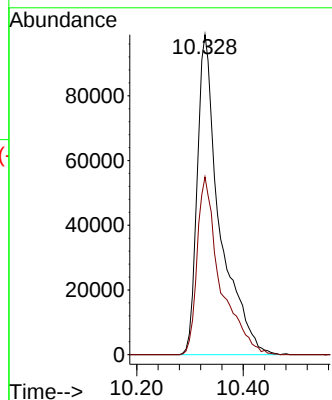
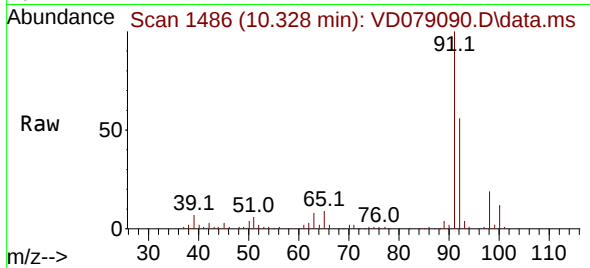




#42
Toluene
Concen: 17.874 ug/L
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

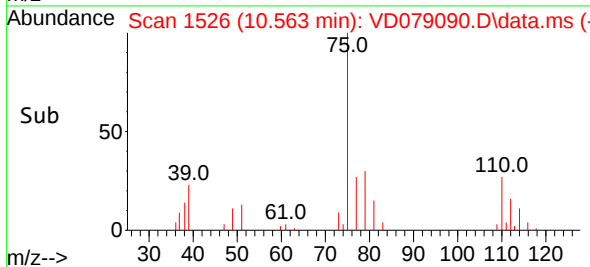
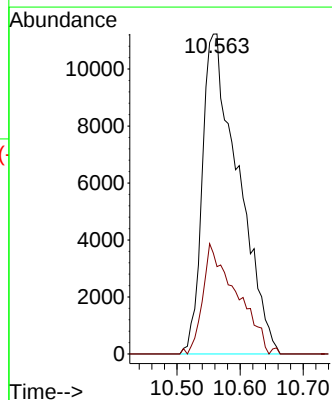
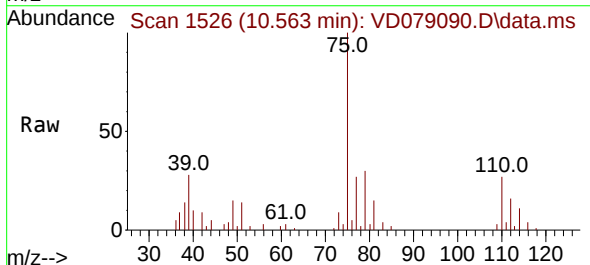
Instrument :
MSVOA_D
ClientSampleId :
A4D18MS

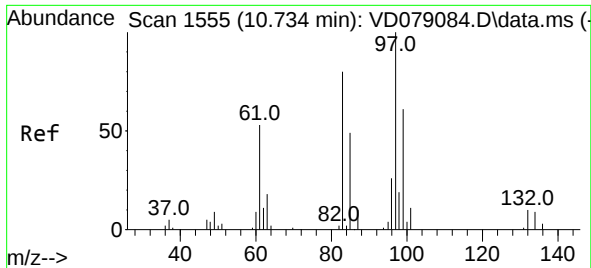
Tgt Ion: 91 Resp: 289290
Ion Ratio Lower Upper
91 100
92 55.5 38.9 72.3



#44
trans-1,3-Dichloropropene
Concen: 9.420 ug/L
RT: 10.563 min Scan# 1526
Delta R.T. 0.012 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion: 75 Resp: 44395
Ion Ratio Lower Upper
75 100
77 27.3 24.3 45.1

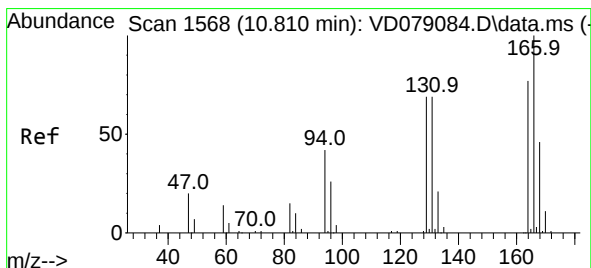
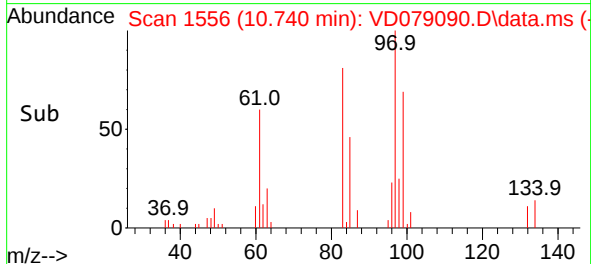
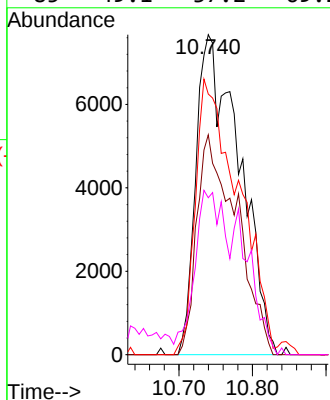
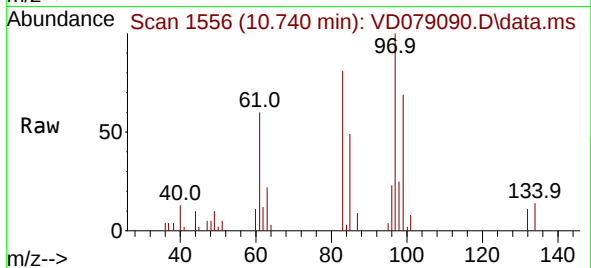




#45
1,1,2-Trichloroethane
Concen: 10.046 ug/L m
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

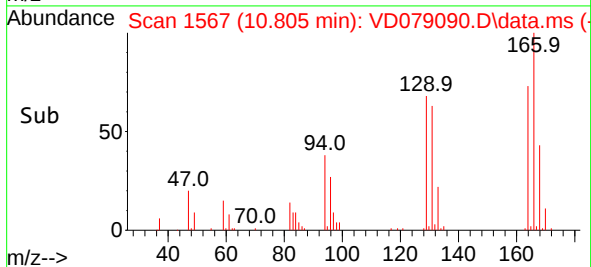
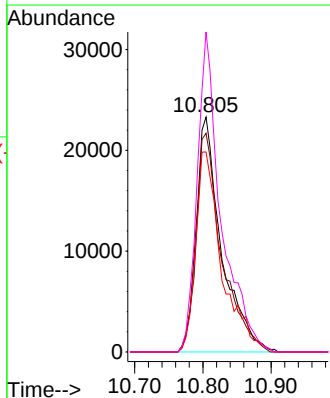
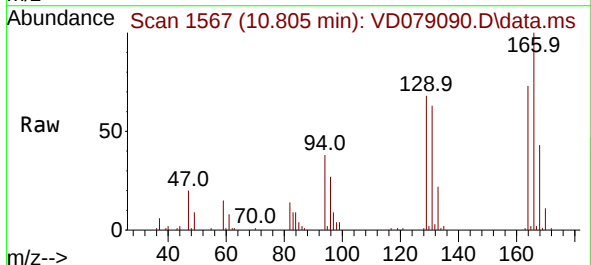
Instrument :
MSVOA_D
ClientSampleId :
A4D18MS

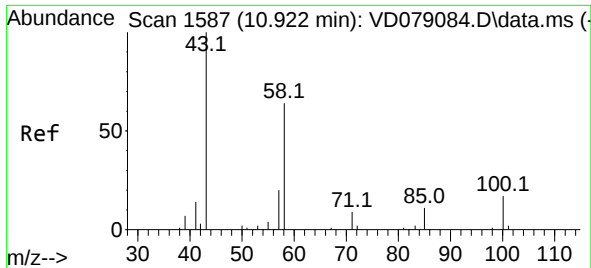
Tgt Ion: 97	Resp: 31466
Ion Ratio	Lower Upper
97 100	
99 68.7	43.0 79.8
83 81.4	58.9 109.5
85 49.1	37.2 69.2



#46
Tetrachloroethene
Concen: 18.257 ug/L
RT: 10.805 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt	Ion:164	Resp:	60346
Ion	Ratio	Lower	Upper
164	100		
129	93.1	64.3	119.5
131	85.2	61.2	113.8
166	136.2	90.0	167.2

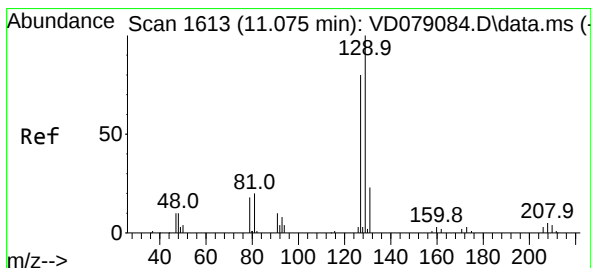
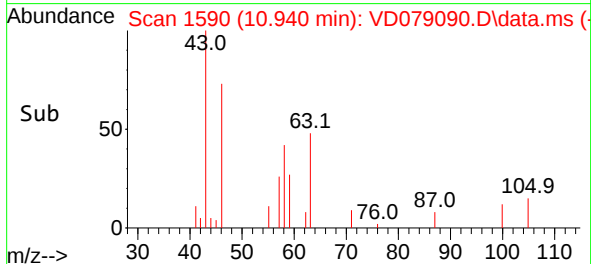
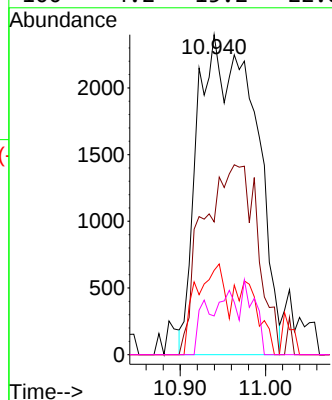
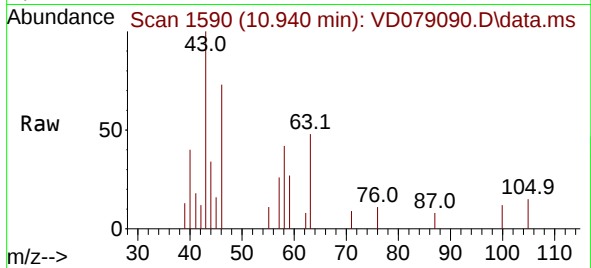




#48
2-Hexanone
Concen: 8.684 ug/L m
RT: 10.940 min Scan# 11199
Delta R.T. 0.018 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

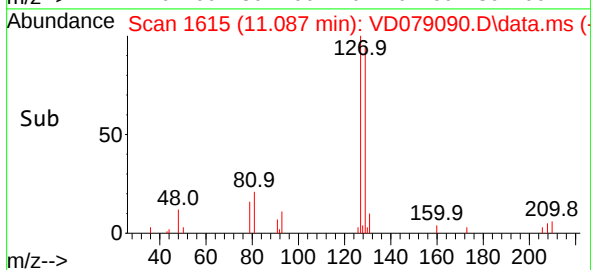
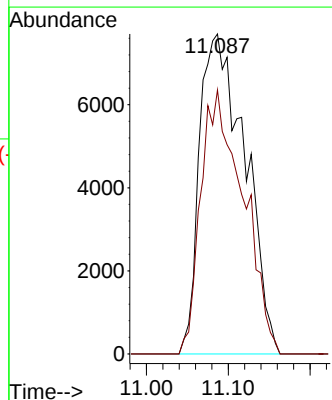
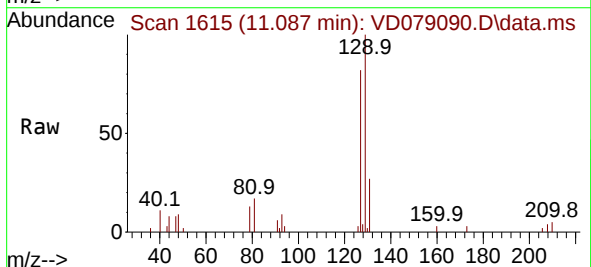
Instrument :
MSVOA_D
ClientSampleId :
A4D18MS

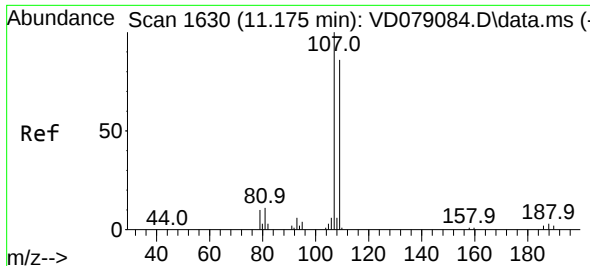
Tgt Ion: 43	Resp: 11199
Ion Ratio	Lower Upper
43 100	
58 10.8	50.1 75.1#
57 4.3	16.5 24.7#
100 4.2	15.2 22.8#



#49
Dibromochloromethane
Concen: 8.008 ug/L m
RT: 11.087 min Scan# 1615
Delta R.T. 0.012 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion:129	Resp: 29703		
Ion Ratio	Lower	Upper	
129 100			
127 82.5	56.4	104.7	

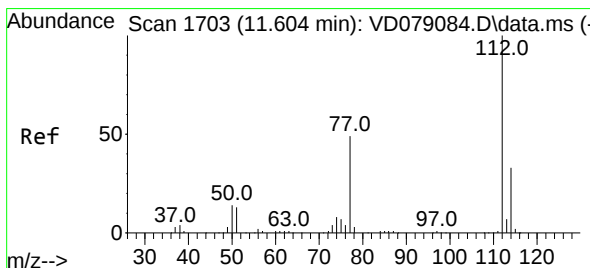
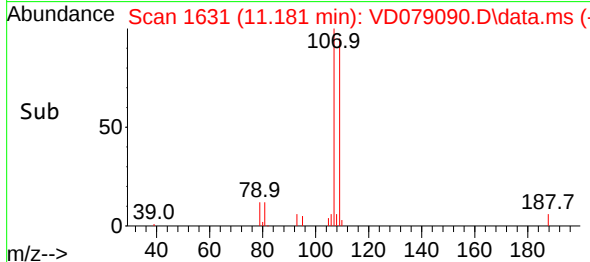
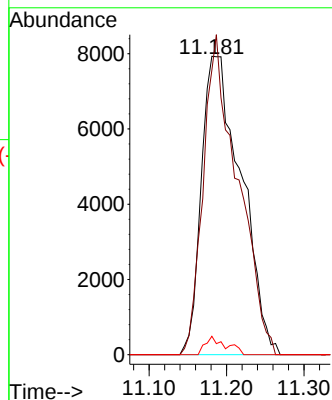
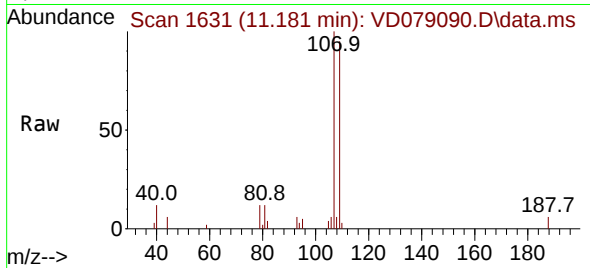




#50
1,2-Dibromoethane
Concen: 9.812 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

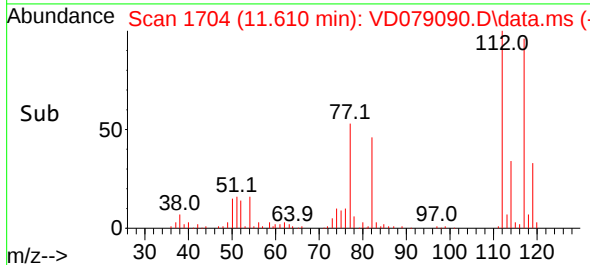
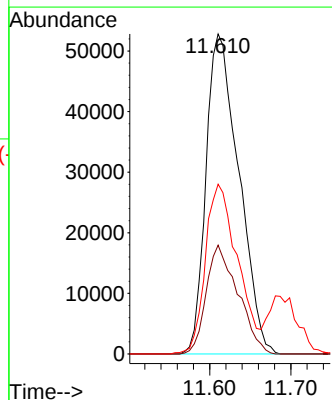
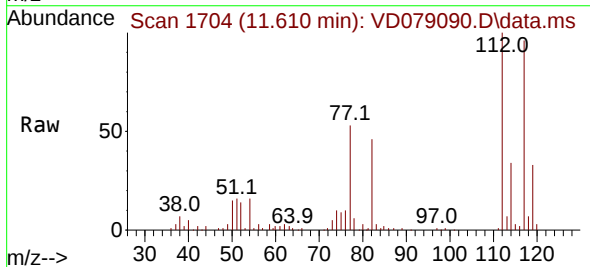
Instrument :
MSVOA_D
ClientSampleId :
A4D18MS

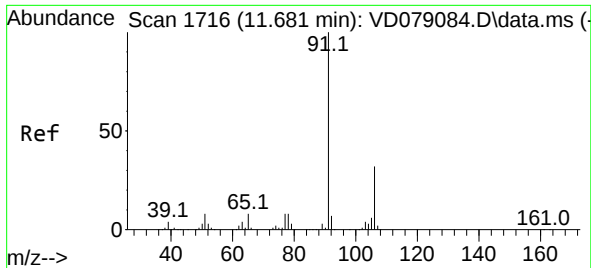
Tgt Ion:107 Resp: 28243
Ion Ratio Lower Upper
107 100
109 95.4 64.5 119.7
188 6.2 2.6 3.8#



#51
Chlorobenzene
Concen: 13.778 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion:112 Resp: 148370
Ion Ratio Lower Upper
112 100
114 34.0 22.7 42.3
77 53.0 38.4 57.6

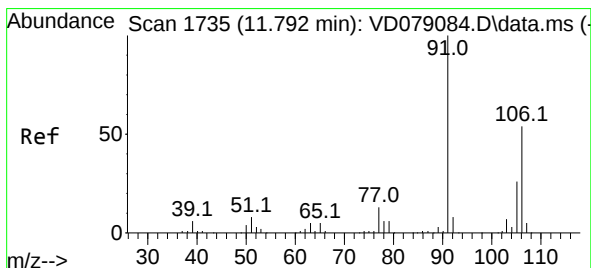
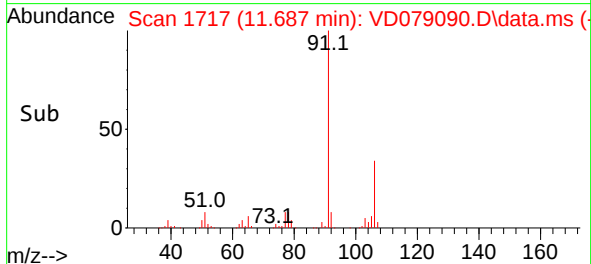
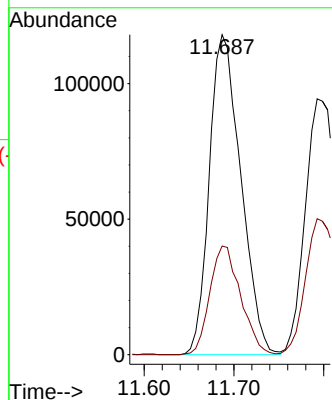
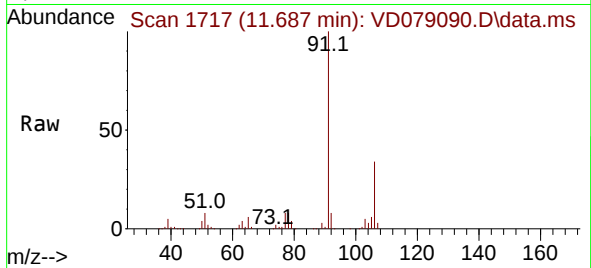




#52
Ethylbenzene
Concen: 17.068 ug/L
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

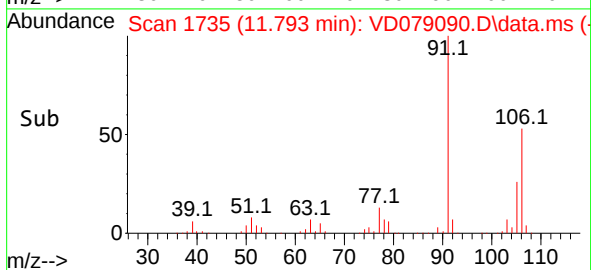
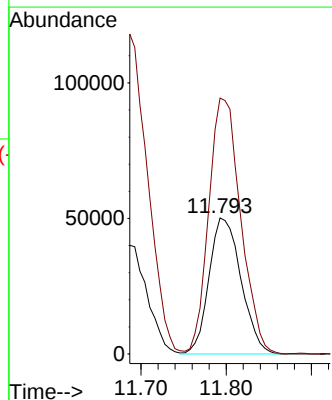
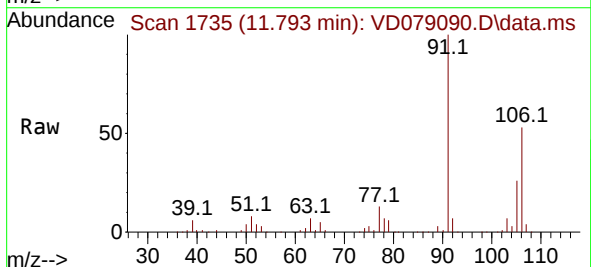
Instrument :
MSVOA_D
ClientSampleId :
A4D18MS

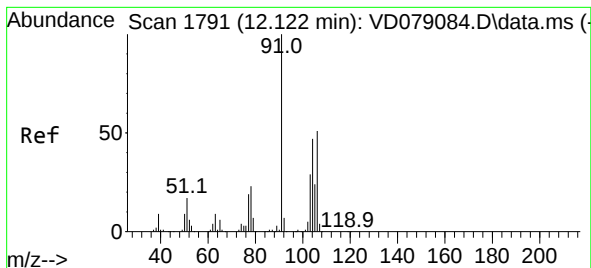
Tgt Ion: 91 Resp: 288146
Ion Ratio Lower Upper
91 100
106 34.0 22.3 41.5



#53
m,p-Xylene
Concen: 19.780 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion: 106 Resp: 131013
Ion Ratio Lower Upper
106 100
91 188.1 133.1 247.1





#54

o-Xylene

Concen: 15.113 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

Instrument :

MSVOA_D

ClientSampleId :

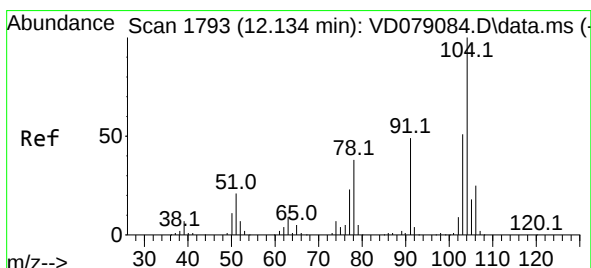
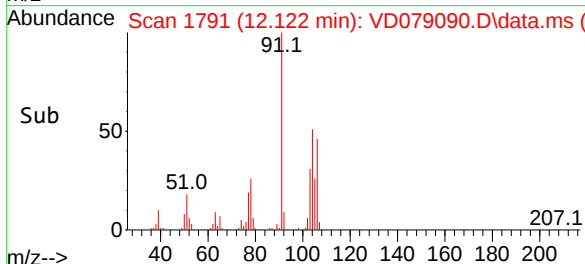
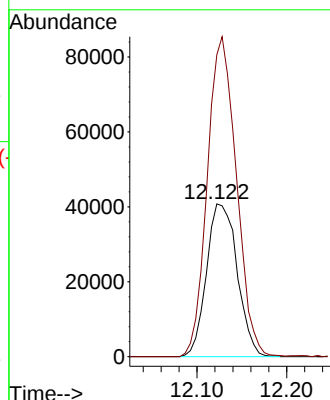
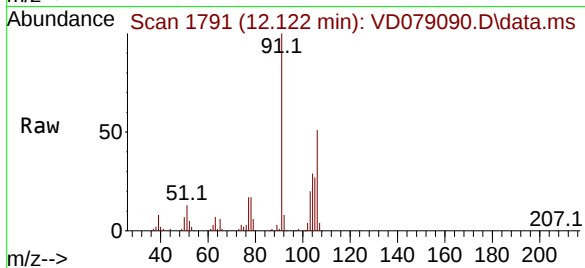
A4D18MS

Tgt Ion:106 Resp: 96709

Ion Ratio Lower Upper

106 100

91 197.7 132.9 246.9



#55

Styrene

Concen: 12.692 ug/L

RT: 12.140 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VD079090.D

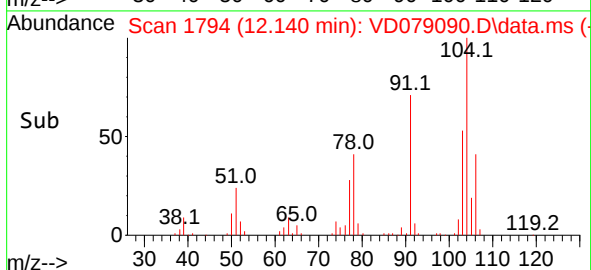
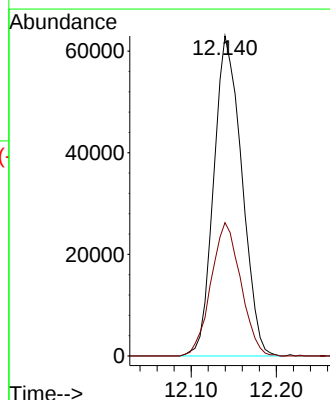
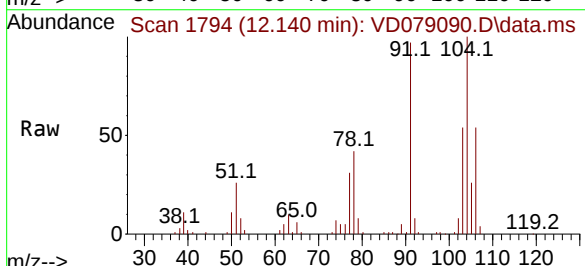
Acq: 30 May 2024 12:30

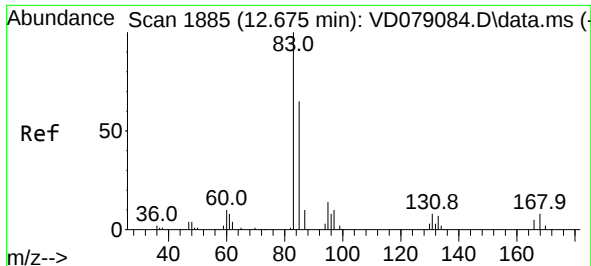
Tgt Ion:104 Resp: 144006

Ion Ratio Lower Upper

104 100

78 41.7 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 4.187 ug/L

RT: 12.681 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

Instrument :

MSVOA_D

ClientSampleId :

A4D18MS

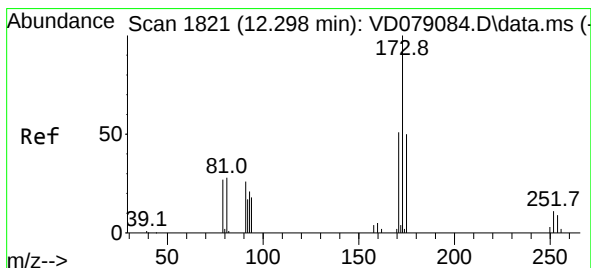
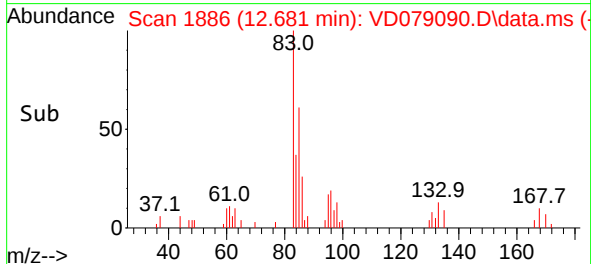
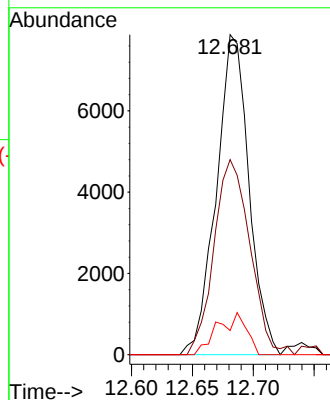
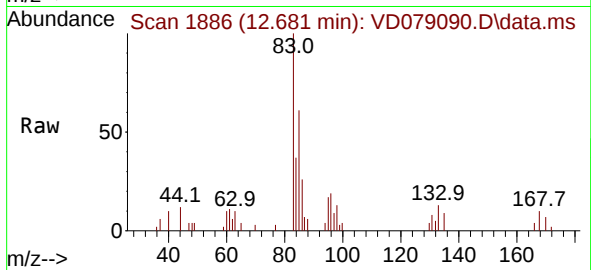
Tgt Ion: 83 Resp: 14680

Ion Ratio Lower Upper

83 100

85 60.9 47.5 88.1

131 7.5 8.6 13.0#



#59

Bromoform

Concen: 9.277 ug/L

RT: 12.310 min Scan# 1823

Delta R.T. 0.012 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

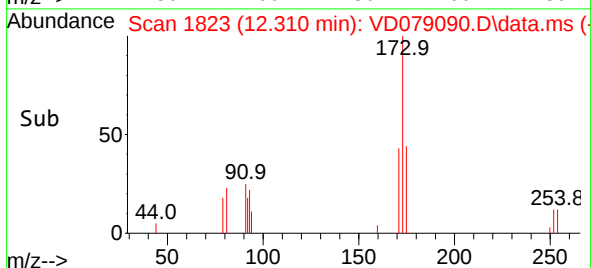
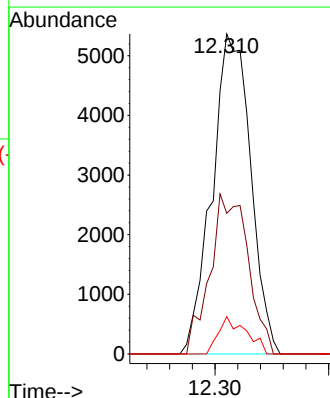
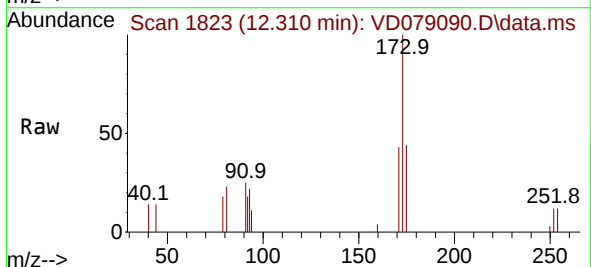
Tgt Ion: 173 Resp: 12645

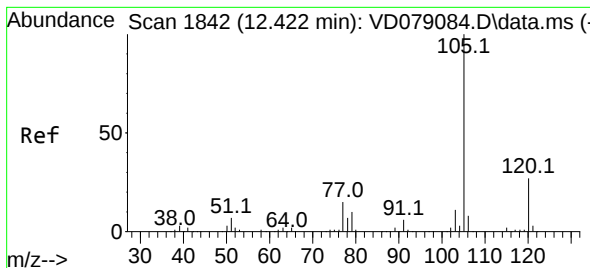
Ion Ratio Lower Upper

173 100

175 24.8 38.2 57.4#

254 4.6 7.0 10.6#





#60

Isopropylbenzene

Concen: 28.066 ug/L

RT: 12.428 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

Instrument :

MSVOA_D

ClientSampleId :

A4D18MS

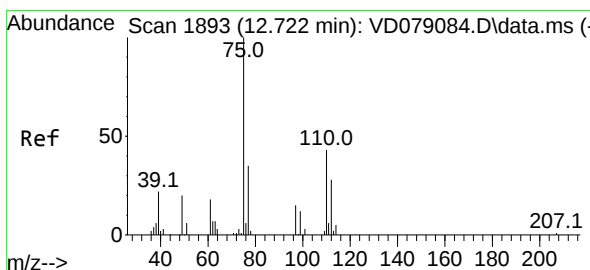
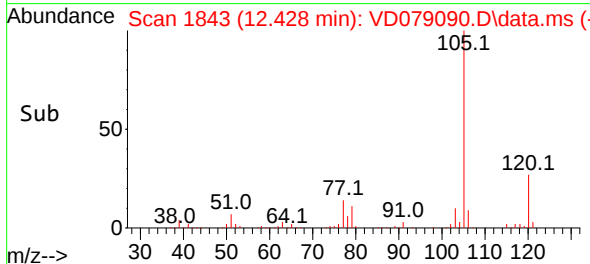
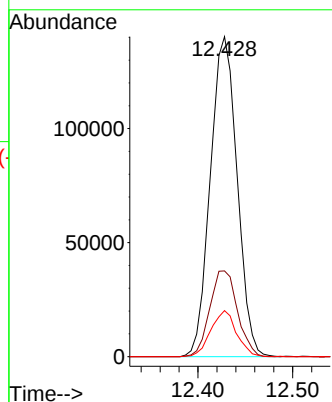
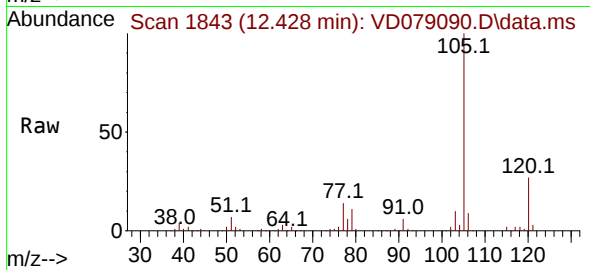
Tgt Ion:105 Resp: 276008

Ion Ratio Lower Upper

105 100

120 27.7 21.9 32.9

77 13.8 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 10.763 ug/L

RT: 12.734 min Scan# 1895

Delta R.T. 0.012 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

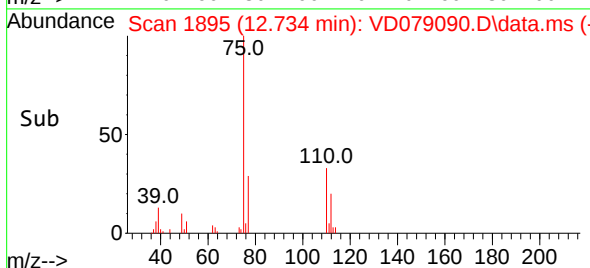
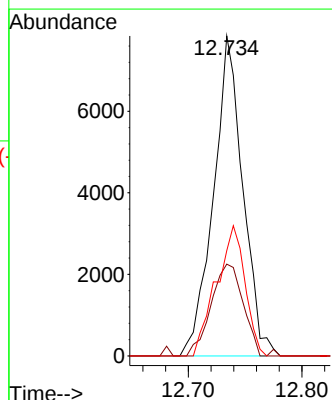
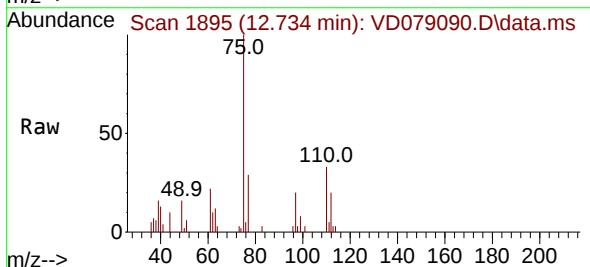
Tgt Ion: 75 Resp: 14133

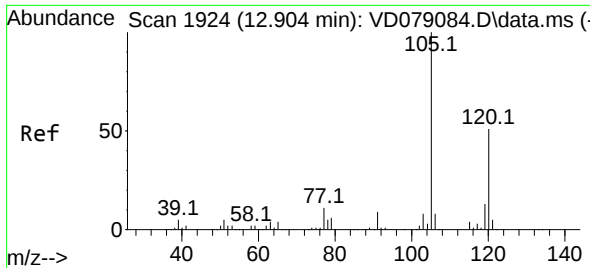
Ion Ratio Lower Upper

75 100

77 31.2 25.9 38.9

110 39.8 34.2 51.4

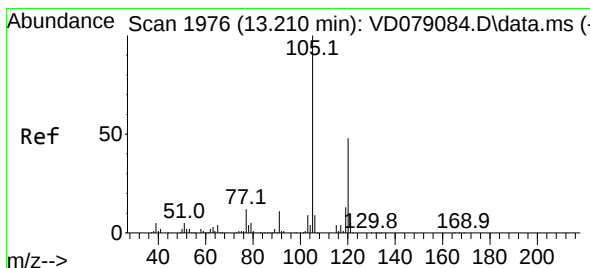
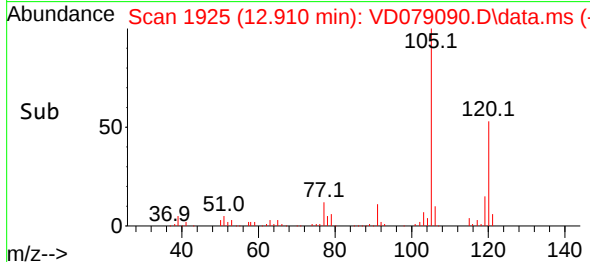
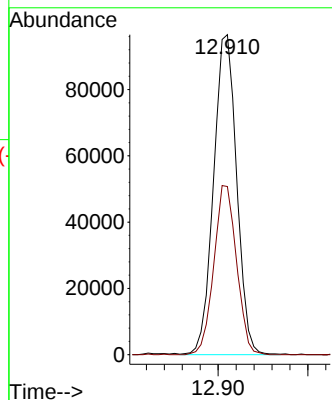
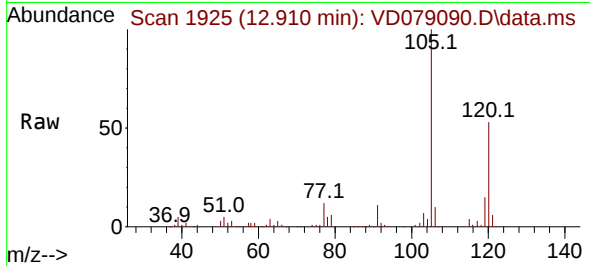




#62
 1,3,5-Trimethylbenzene
 Concen: 25.680 ug/L
 RT: 12.910 min Scan# 1925
 Delta R.T. 0.006 min
 Lab File: VD079090.D
 Acq: 30 May 2024 12:30

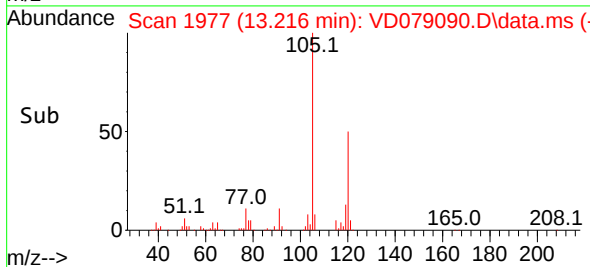
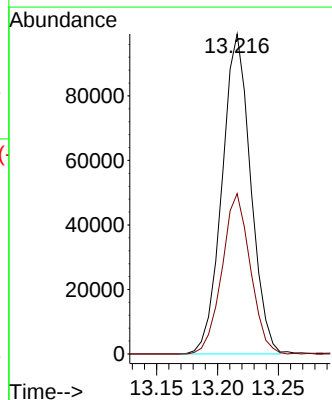
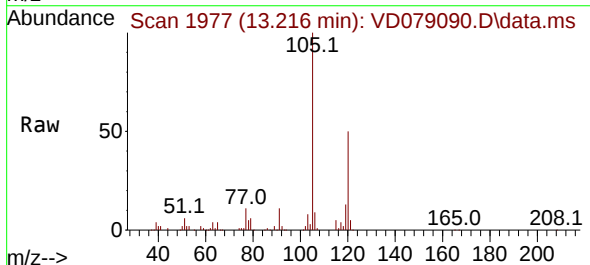
Instrument :
 MSVOA_D
 ClientSampleId :
 A4D18MS

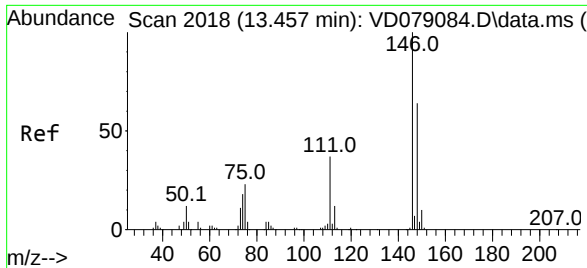
Tgt Ion:105 Resp: 172672
 Ion Ratio Lower Upper
 105 100
 120 51.8 40.7 61.1



#63
 1,2,4-Trimethylbenzene
 Concen: 22.568 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VD079090.D
 Acq: 30 May 2024 12:30

Tgt Ion:105 Resp: 162301
 Ion Ratio Lower Upper
 105 100
 120 49.4 38.0 57.0

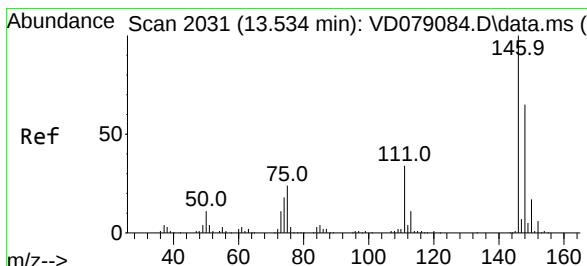
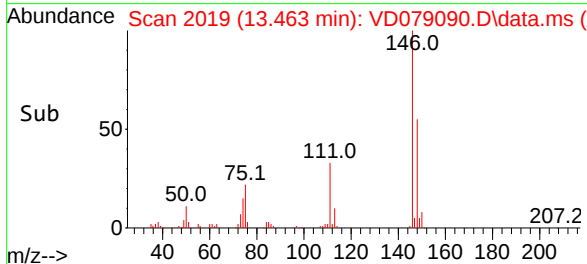
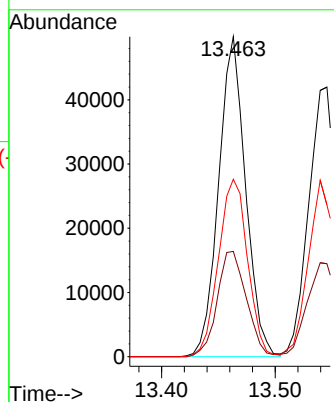
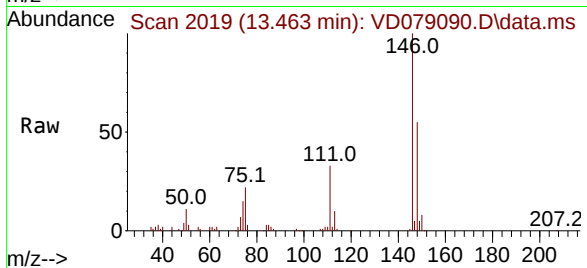




#64
1,3-Dichlorobenzene
Concen: 17.412 ug/L
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

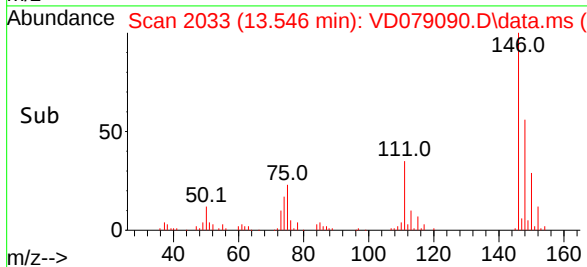
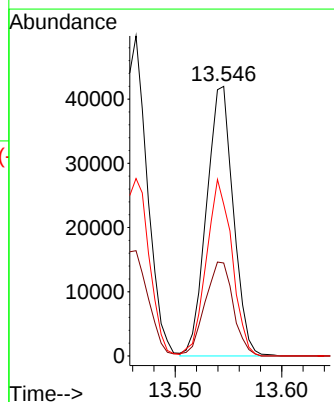
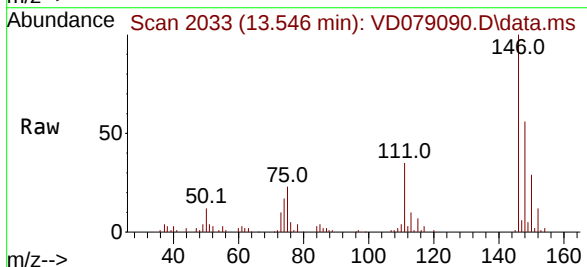
Instrument :
MSVOA_D
ClientSampleId :
A4D18MS

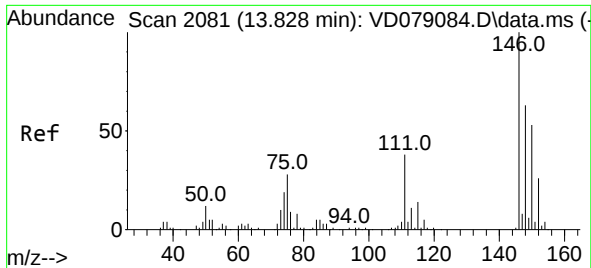
Tgt Ion:146 Resp: 82259
Ion Ratio Lower Upper
146 100
111 32.9 24.4 45.4
148 55.5 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 14.716 ug/L
RT: 13.546 min Scan# 2033
Delta R.T. 0.012 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion:146 Resp: 73663
Ion Ratio Lower Upper
146 100
111 34.5 26.3 48.9
148 56.3 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 10.725 ug/L

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

Instrument :

MSVOA_D

ClientSampleId :

A4D18MS

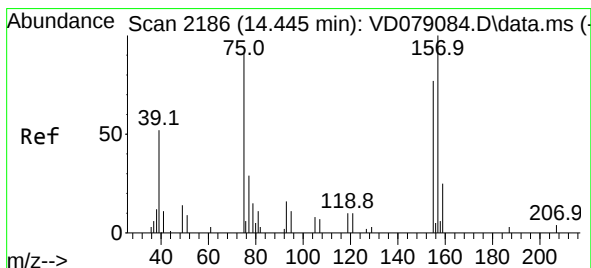
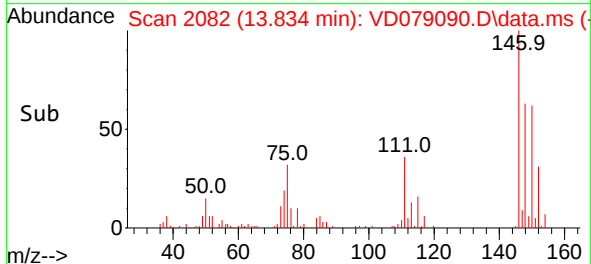
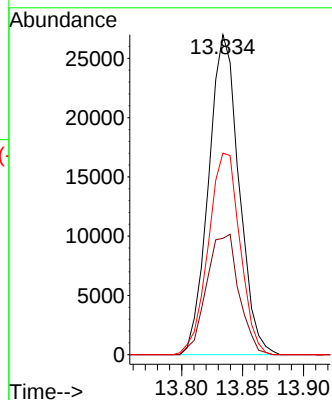
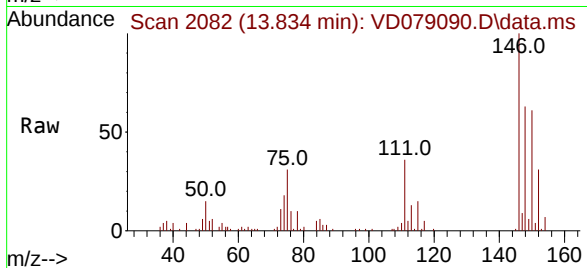
Tgt Ion:146 Resp: 46841

Ion Ratio Lower Upper

146 100

111 36.3 29.1 43.7

148 63.0 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 2.842 ug/L m

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD079090.D

Acq: 30 May 2024 12:30

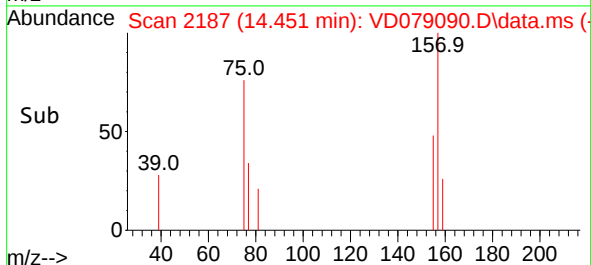
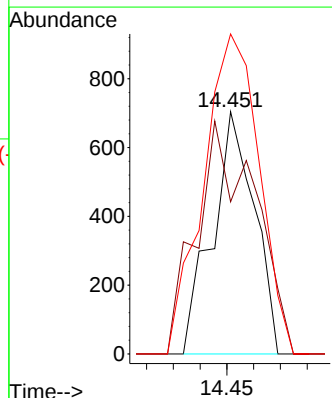
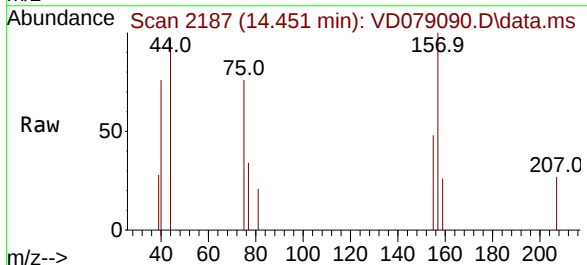
Tgt Ion: 75 Resp: 767

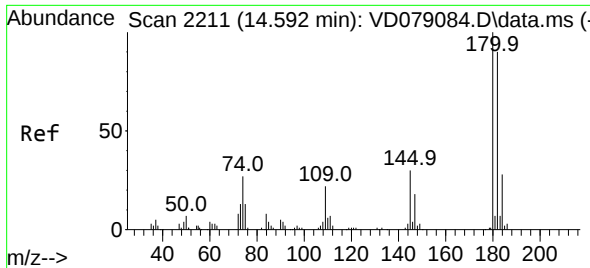
Ion Ratio Lower Upper

75 100

155 62.8 68.1 102.1#

157 132.1 91.6 137.4

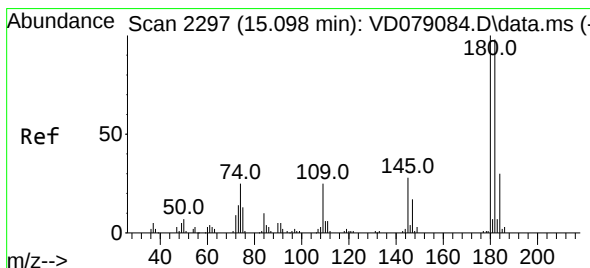
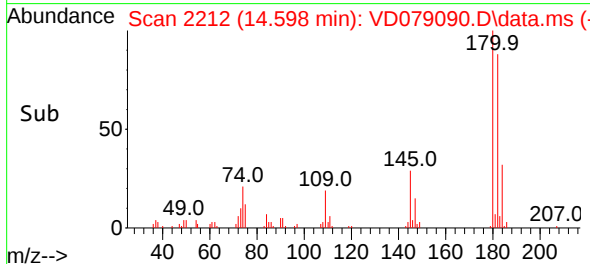
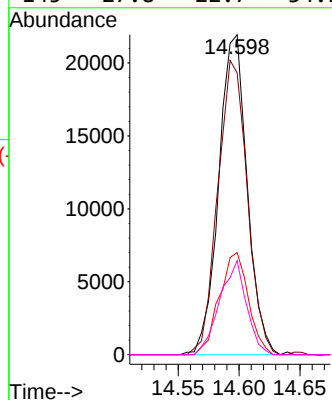
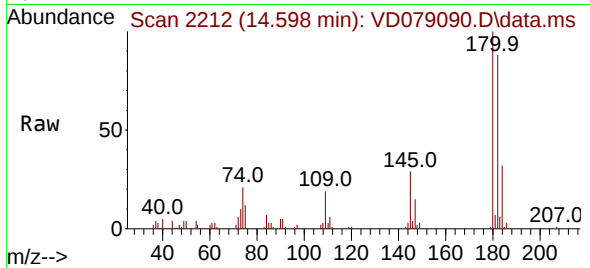




#69
 1,3,5-Trichlorobenzene
 Concen: 11.967 ug/L
 RT: 14.598 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VD079090.D
 Acq: 30 May 2024 12:30

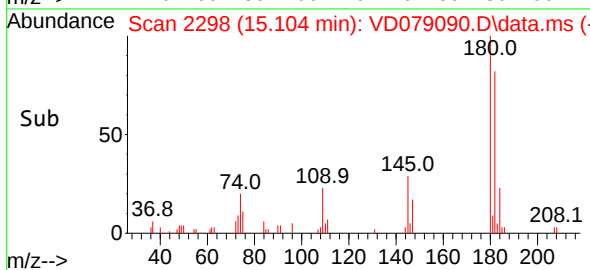
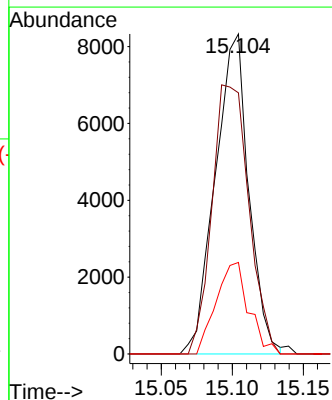
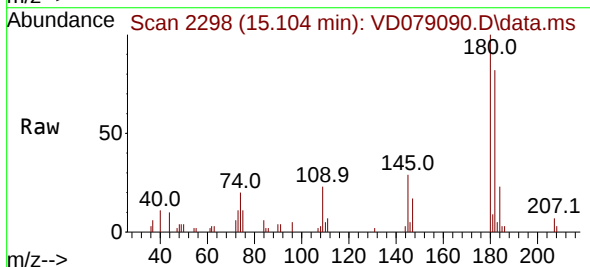
Instrument :
 MSVOA_D
 ClientSampleId :
 A4D18MS

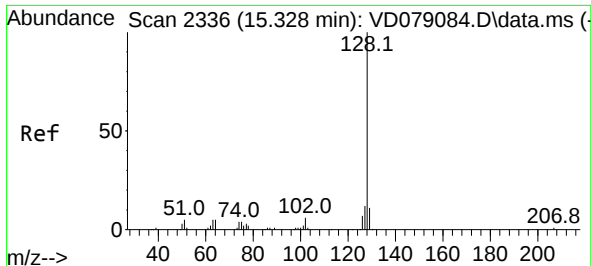
Tgt Ion:180 Resp: 35657
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.9 115.3
 184 32.5 23.3 34.9
 145 27.8 22.7 34.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.525 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.006 min
 Lab File: VD079090.D
 Acq: 30 May 2024 12:30

Tgt Ion:180 Resp: 13673
 Ion Ratio Lower Upper
 180 100
 182 92.4 73.8 110.6
 145 27.9 22.3 33.5

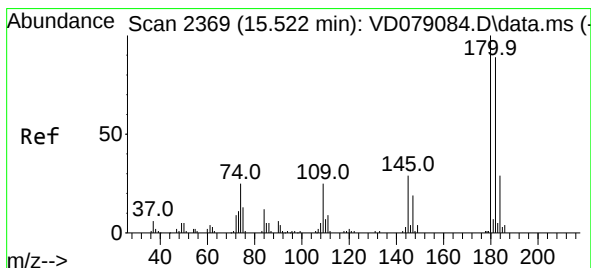
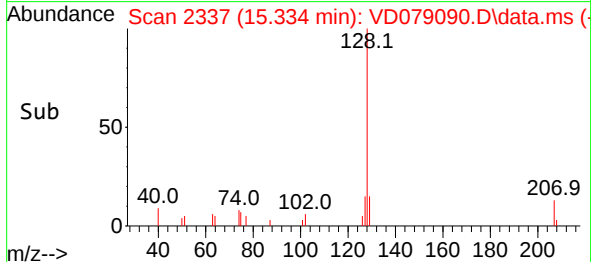
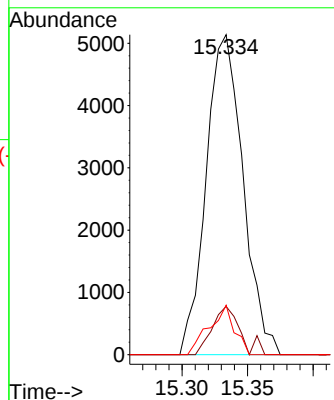
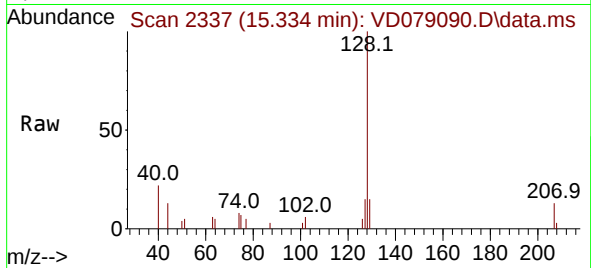




#71
Naphthalene
Concen: 2.174 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Instrument :
MSVOA_D
ClientSampleId :
A4D18MS

Tgt Ion:128 Resp: 10059
Ion Ratio Lower Upper
128 100
127 10.3 10.8 16.2#
129 10.6 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 2.904 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD079090.D
Acq: 30 May 2024 12:30

Tgt Ion:180 Resp: 6210
Ion Ratio Lower Upper
180 100
182 101.1 79.4 119.2
145 31.0 24.7 37.1

