

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051724\
 Data File : VD078965.D
 Acq On : 17 May 2024 16:31
 Operator : RP/MD
 Sample : P2409-03
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 01:06:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 18 00:53:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	133229	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	136654	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	63380	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	83043	25.426	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.720%
7) Chloroethane-d5	2.799	69	96923	27.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.880%
11) 1,1-Dichloroethene-d2	3.917	65	15928	25.001	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.000%
21) 2-Butanone-d5	6.987	46	19294	41.736	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.480%
24) Chloroform-d	7.564	84	98967	24.953	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	8.228	65	46254	24.557	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.240%
32) Benzene-d6	8.199	84	186694	26.775	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.080%
36) 1,2-Dichloropropane-d6	9.205	67	56461	26.575	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.320%
41) Toluene-d8	10.269	98	162689	25.313	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.240%
43) trans-1,3-Dichloroprop...	10.522	79	21250	21.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.840%
47) 2-Hexanone-d5	10.875	63	15541	36.498	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.000%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	50329	20.824	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.280%
66) 1,2-Dichlorobenzene-d4	13.816	152	57389	26.678	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.720%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	4773	1.791	ug/L #	87
3) Chloromethane	2.146	50	6935	2.120	ug/L	83
5) Vinyl chloride	2.281	62	10295	1.924	ug/L	93
6) Bromomethane	2.693	94	7475	1.953	ug/L	86
8) Chloroethane	2.840	64	7620	1.844	ug/L	99
9) Trichlorofluoromethane	3.176	101	7670	1.838	ug/L #	48
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	3903	1.475	ug/L	90
12) 1,1-Dichloroethene	3.940	96	4094	1.777	ug/L #	1
13) Acetone	4.034	43	1779	3.186	ug/L	44
14) Carbon disulfide	4.275	76	12434	1.863	ug/L	97
15) Methyl Acetate	4.564	43	361	0.398	ug/L #	43
16) Methylene chloride	4.799	84	15458	4.898	ug/L	93
17) trans-1,2-Dichloroethene	5.311	96	4209	1.794	ug/L	94
18) Methyl tert-butyl Ether	5.311	73	3638	0.728	ug/L #	74
19) 1,1-Dichloroethane	6.105	63	3719	0.944	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	4316	1.613	ug/L	91
22) 2-Butanone	7.081	43	796	1.240	ug/L	71
23) Bromochloromethane	7.428	128	1461	1.093	ug/L #	77
25) Chloroform	7.599	83	10746	2.269	ug/L	93

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 Quant Title : SFAM01.0
 QLast Update : Sat May 18 00:53:45 2024
 Response via : Initial Calibration

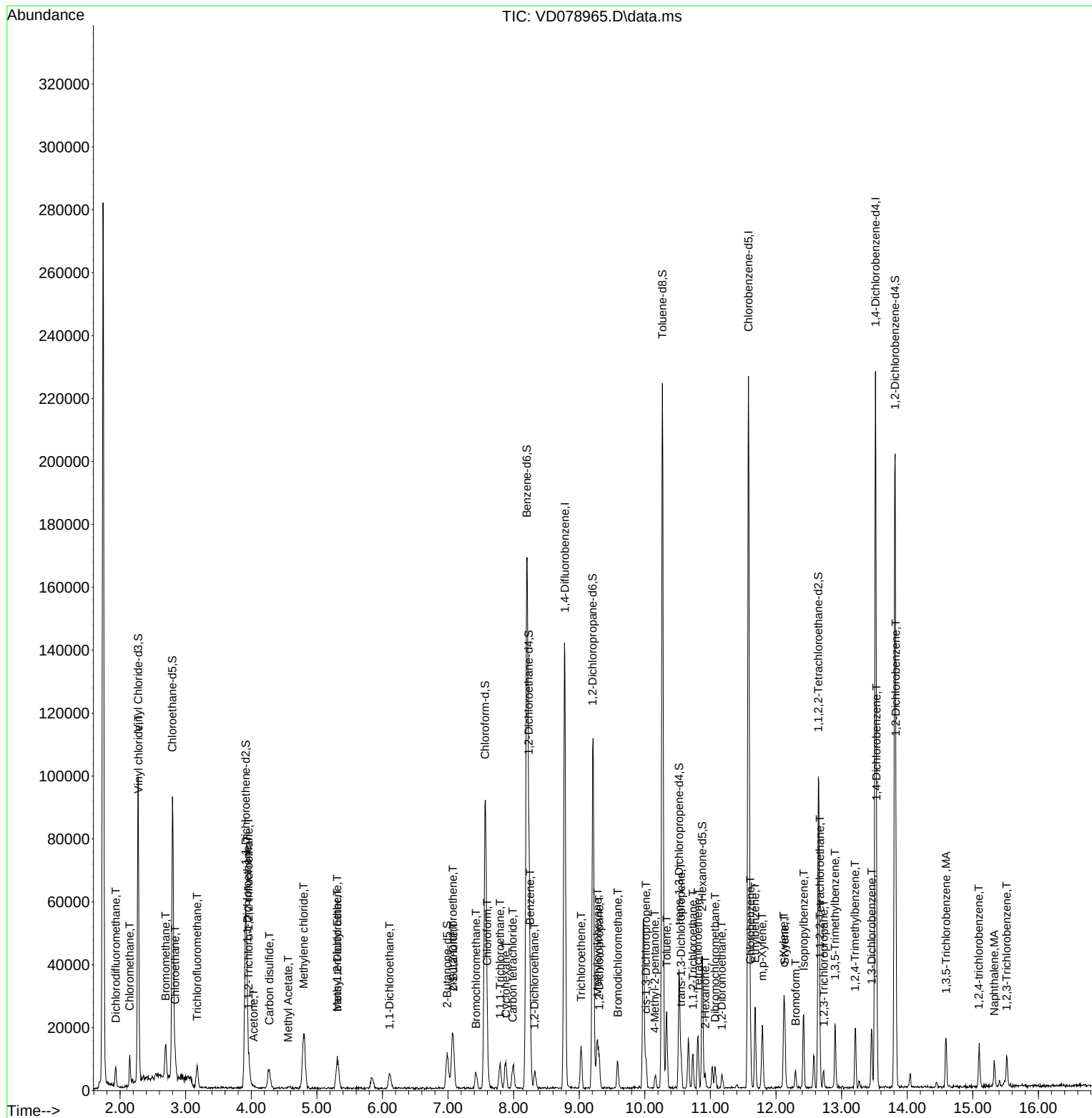
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.316	62	4724	1.722	ug/L #	93
29) Cyclohexane	7.881	56	1806	0.688	ug/L #	77
30) 1,1,1-Trichloroethane	7.793	97	6863	1.815	ug/L #	76
31) Carbon tetrachloride	7.987	117	5769	1.657	ug/L #	57
33) Benzene	8.252	78	17778	1.898	ug/L	100
34) Trichloroethene	9.028	95	4575	1.896	ug/L #	81
35) Methylcyclohexane	9.281	83	3367	0.928	ug/L #	23
37) 1,2-Dichloropropane	9.305	63	4072	1.715	ug/L #	85
38) Bromodichloromethane	9.587	83	6002	1.788	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	6420	1.724	ug/L	94
40) 4-Methyl-2-pentanone	10.152	43	2724	2.272	ug/L	89
42) Toluene	10.334	91	18046	1.752	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	5508	1.673	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	3694	1.702	ug/L	93
46) Tetrachloroethene	10.810	164	4049	1.950	ug/L	84
48) 2-Hexanone	10.922	43	2516	2.707	ug/L #	87
49) Dibromochloromethane	11.069	129	4200	1.591	ug/L	92
50) 1,2-Dibromoethane	11.175	107	3185	1.553	ug/L #	94
51) Chlorobenzene	11.610	112	12508	1.719	ug/L	88
52) Ethylbenzene	11.681	91	18273	1.644	ug/L	89
53) m,p-Xylene	11.793	106	6814	1.532	ug/L	97
54) o-Xylene	12.116	106	5759	1.330	ug/L	93
55) Styrene	12.134	104	9834	1.285	ug/L	84
57) 1,1,2,2-Tetrachloroethane	12.669	83	4140	1.572	ug/L #	95
59) Bromoform	12.299	173	2392	1.668	ug/L #	66
60) Isopropylbenzene	12.422	105	16051	1.713	ug/L	95
61) 1,2,3-Trichloropropane	12.728	75	1680	1.156	ug/L #	82
62) 1,3,5-Trimethylbenzene	12.899	105	11053	1.596	ug/L	97
63) 1,2,4-Trimethylbenzene	13.204	105	10606	1.507	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	8668	1.905	ug/L	95
65) 1,4-Dichlorobenzene	13.534	146	8928	1.820	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	8625	2.002	ug/L	95
69) 1,3,5-Trichlorobenzene	14.593	180	5907	1.999	ug/L	97
70) 1,2,4-trichlorobenzene	15.093	180	4836	1.933	ug/L	90
71) Naphthalene	15.328	128	7293	1.429	ug/L #	85
72) 1,2,3-Trichlorobenzene	15.516	180	2983	1.276	ug/L #	68

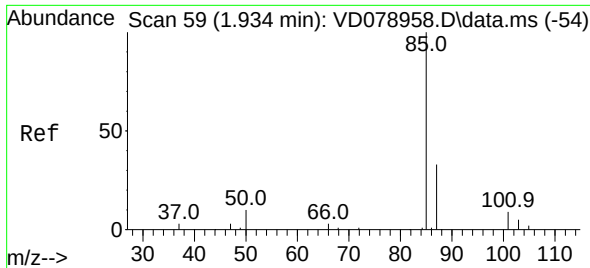
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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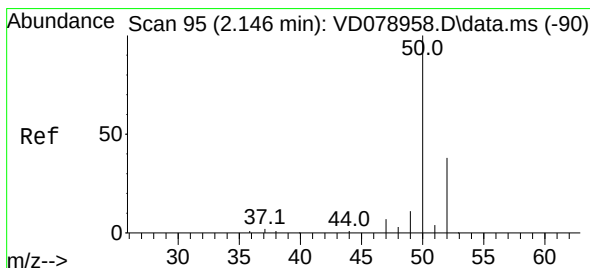
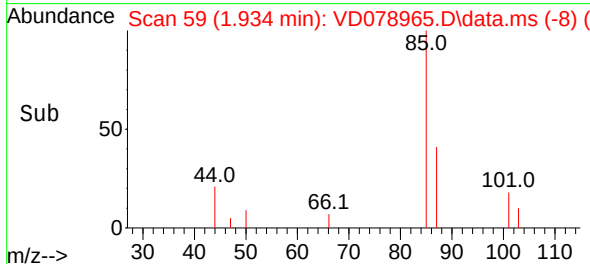
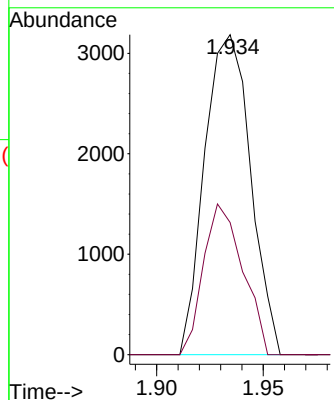
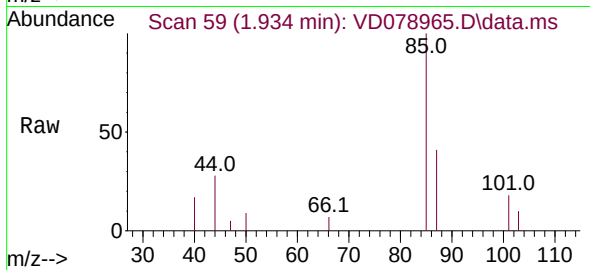




#2
 Dichlorodifluoromethane
 Concen: 1.791 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD078965.D
 Acq: 17 May 2024 16:31

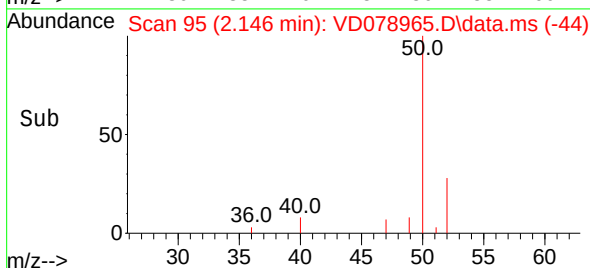
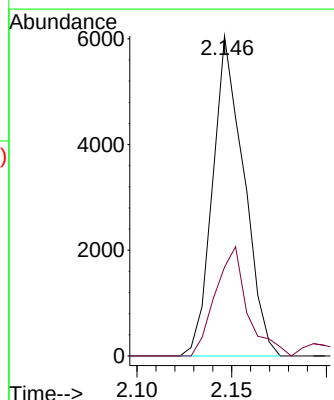
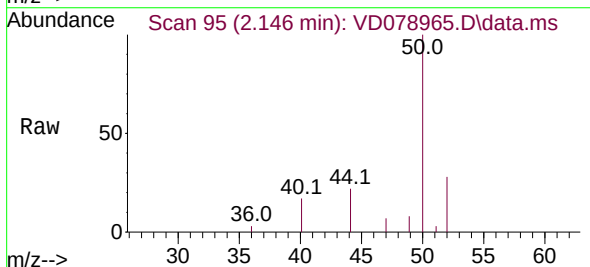
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 MSVOA_D
 ClientSampleId :

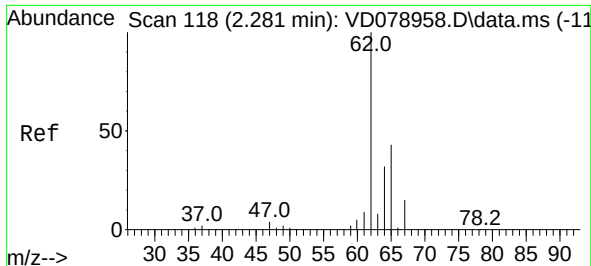
Tgt Ion: 85 Resp: 4773
 Ion Ratio Lower Upper
 85 100
 87 40.4 26.3 39.5#



#3
 Chloromethane
 Concen: 2.120 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD078965.D
 Acq: 17 May 2024 16:31

Tgt Ion: 50 Resp: 6935
 Ion Ratio Lower Upper
 50 100
 52 27.7 26.5 49.3

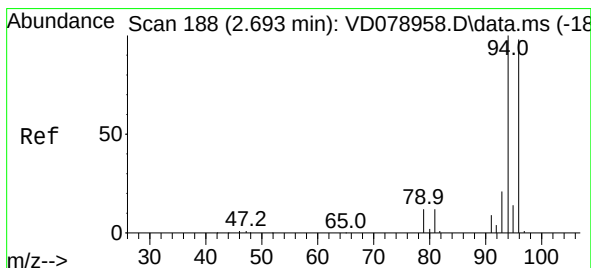
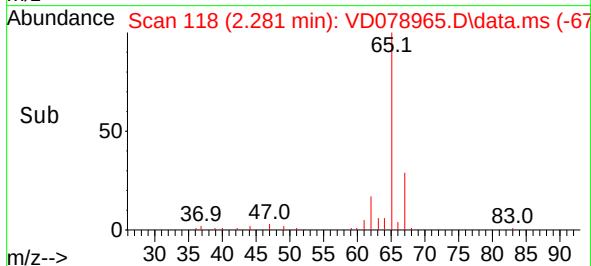
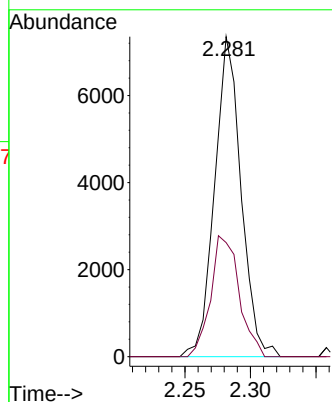
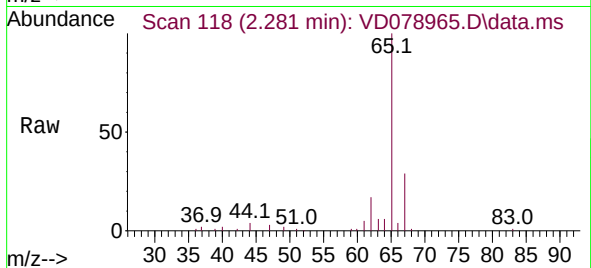




#5
Vinyl chloride
Concen: 1.924 ug/L
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

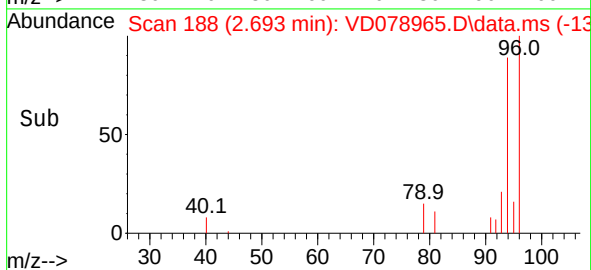
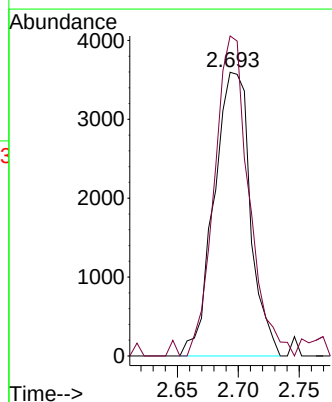
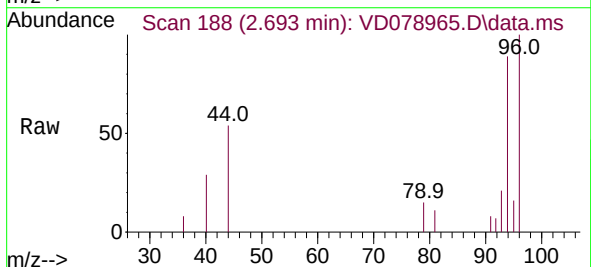
Instrument :
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ClientSampleId :

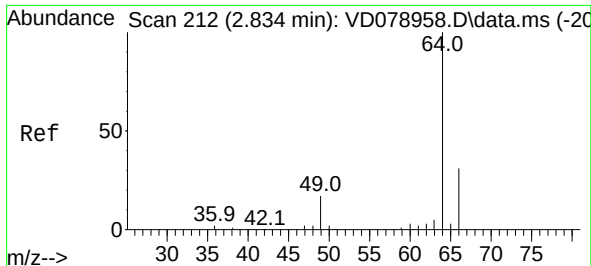
Tgt Ion: 62 Resp: 10295
Ion Ratio Lower Upper
62 100
64 35.7 22.3 41.3



#6
Bromomethane
Concen: 1.953 ug/L
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

Tgt Ion: 94 Resp: 7475
Ion Ratio Lower Upper
94 100
96 112.8 69.0 128.1

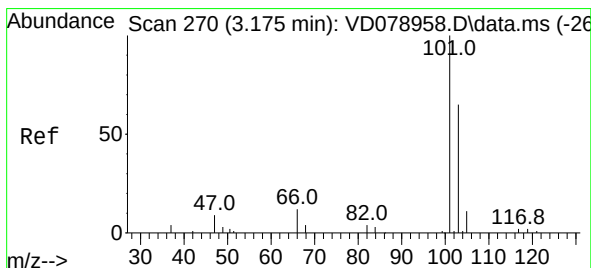
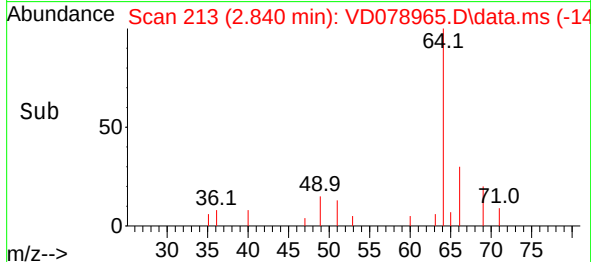
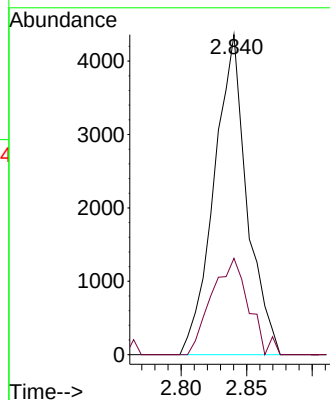
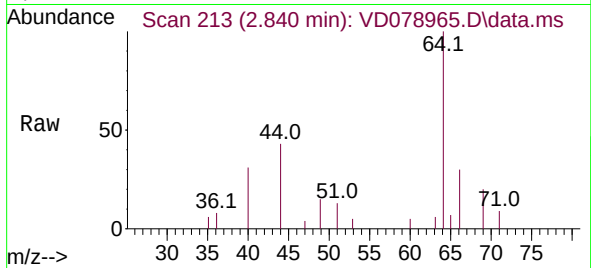




#8
Chloroethane
Concen: 1.844 ug/L
RT: 2.840 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

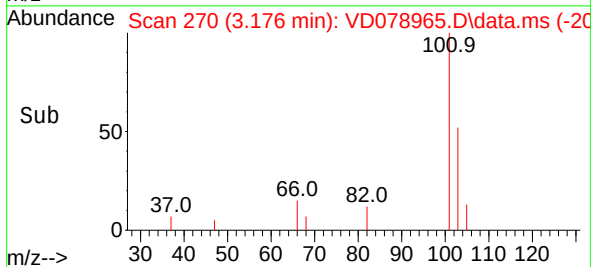
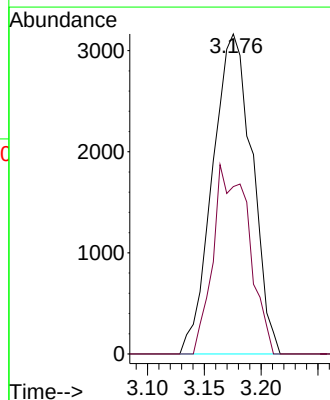
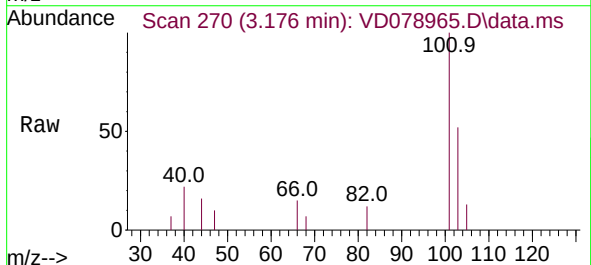
Instrument :
MSVOA_D
ClientSampleId :

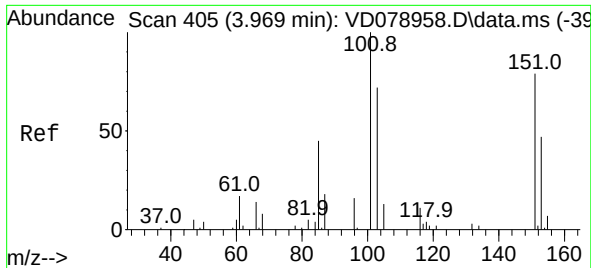
Tgt Ion: 64 Resp: 7620
Ion Ratio Lower Upper
64 100
66 30.1 21.5 39.9



#9
Trichlorofluoromethane
Concen: 1.838 ug/L
RT: 3.176 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

Tgt Ion:101 Resp: 7670
Ion Ratio Lower Upper
101 100
103 24.0 51.9 77.9#

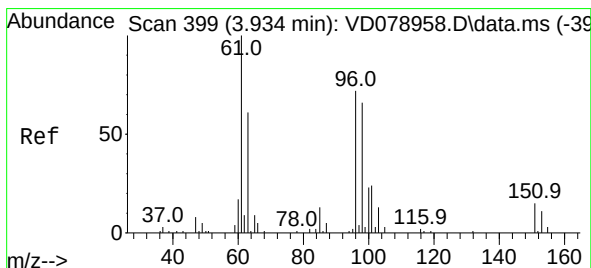
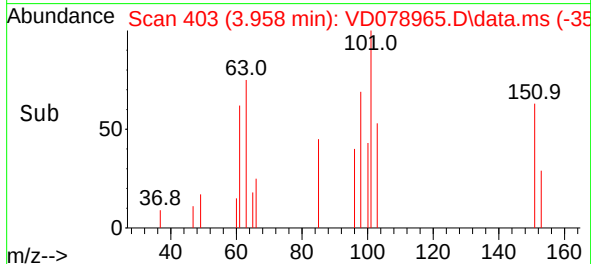
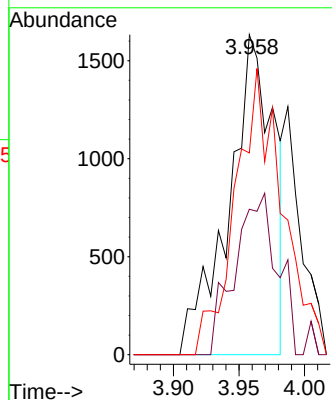
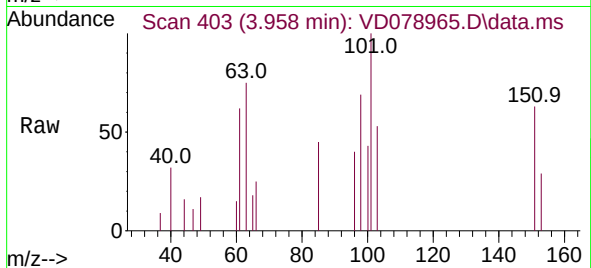




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.475 ug/L
RT: 3.958 min Scan# 403
Delta R.T. -0.011 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

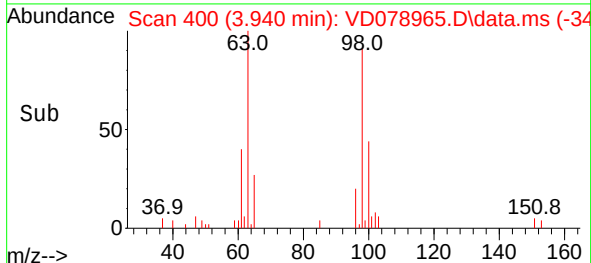
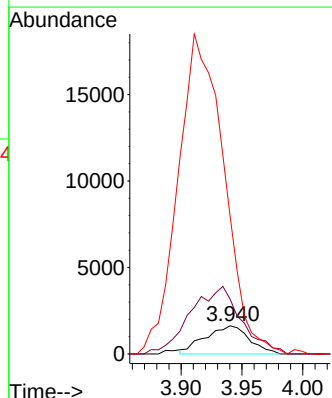
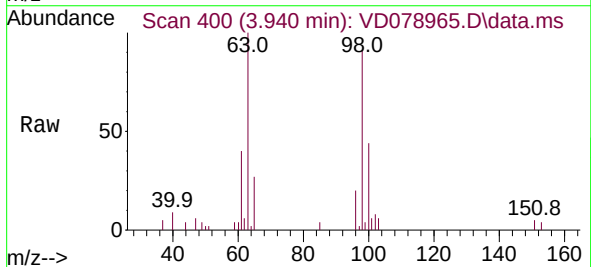
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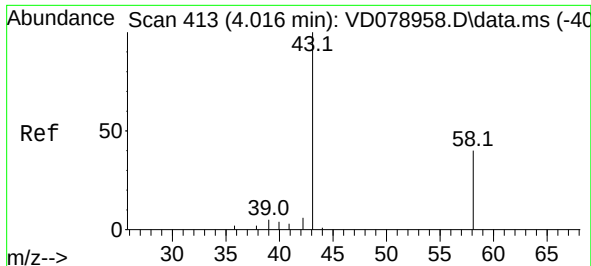
Tgt Ion:101 Resp: 3903
Ion Ratio Lower Upper
101 100
85 37.1 36.2 54.2
151 86.7 62.9 94.3



#12
1,1-Dichloroethene
Concen: 1.777 ug/L
RT: 3.940 min Scan# 400
Delta R.T. 0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

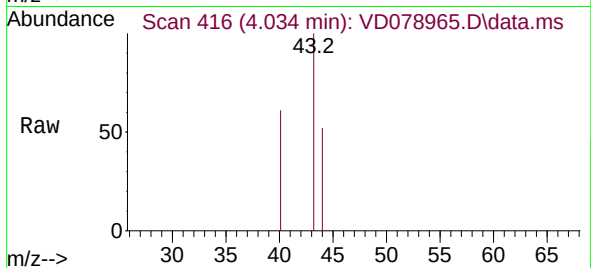
Tgt Ion: 96 Resp: 4094
Ion Ratio Lower Upper
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61 196.4 98.6 183.0#
63 494.3 68.3 126.8#



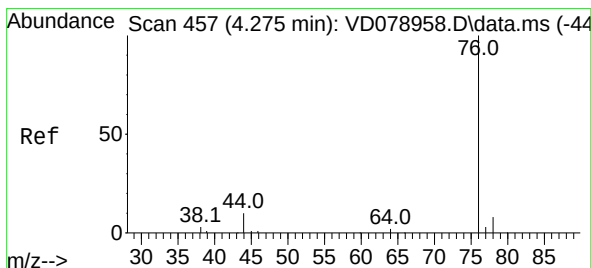
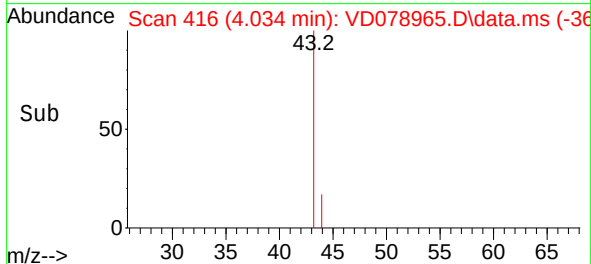
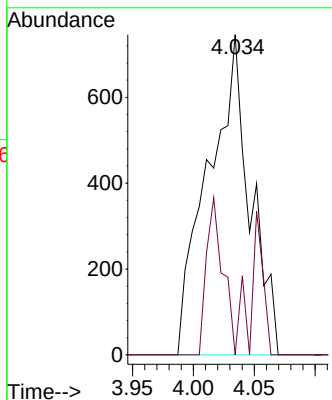


#13
Acetone
Concen: 3.186 ug/L
RT: 4.034 min Scan# 416
Delta R.T. 0.018 min
Lab File: VD078965.D
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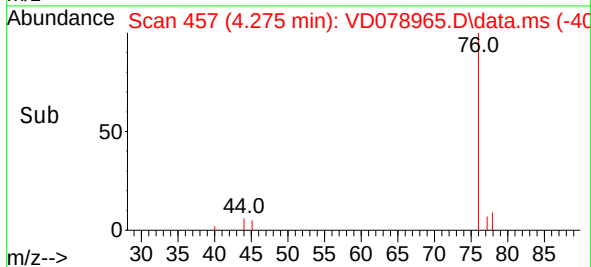
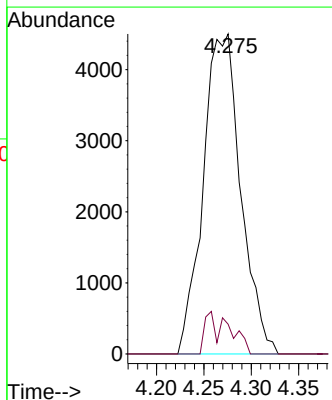
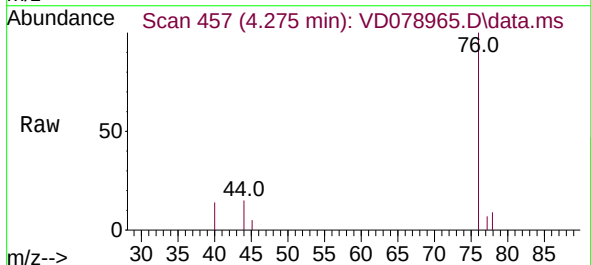


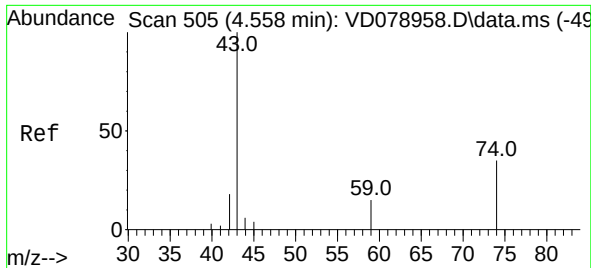
Tgt Ion: 43 Resp: 1779
Ion Ratio Lower Upper
43 100
58 3.7 0.0 75.0



#14
Carbon disulfide
Concen: 1.863 ug/L
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 12434
Ion Ratio Lower Upper
76 100
78 9.3 6.5 9.7

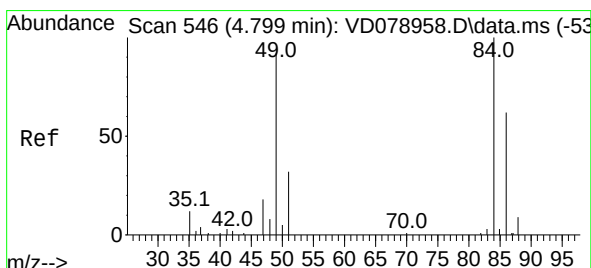
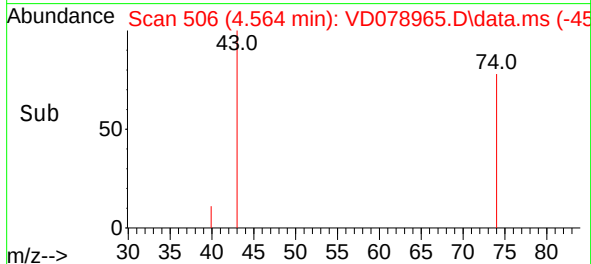
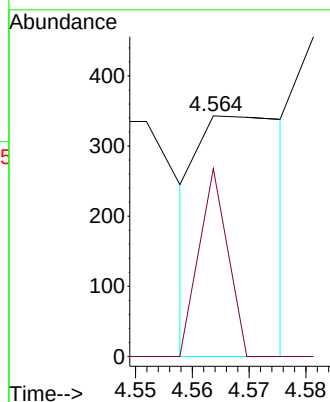
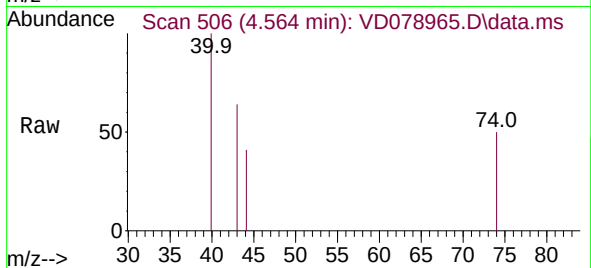




#15
Methyl Acetate
Concen: 0.398 ug/L
RT: 4.564 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

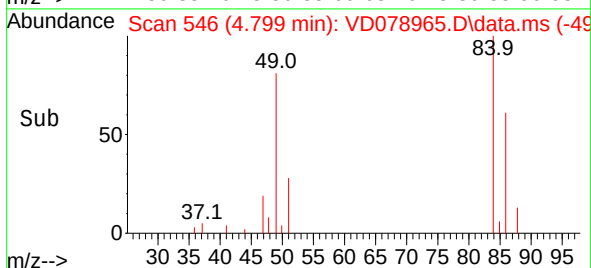
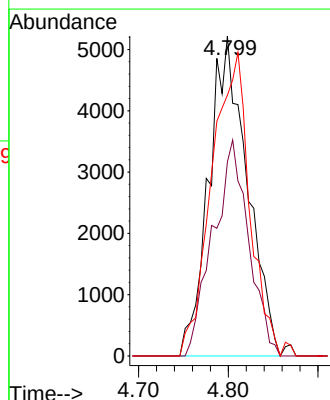
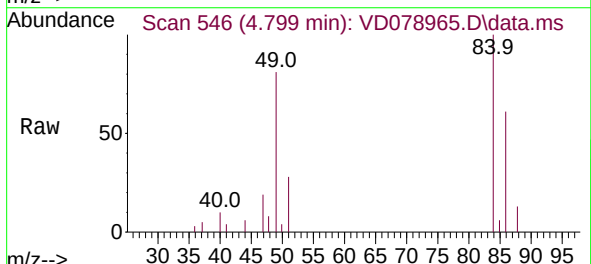
Instrument :
MSVOA_D
ClientSampleId :

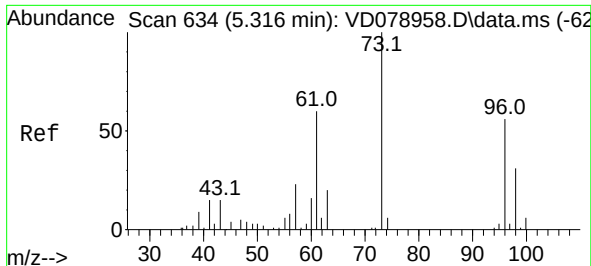
Tgt Ion: 43 Resp: 361
Ion Ratio Lower Upper
43 100
74 0.0 25.1 37.7#



#16
Methylene chloride
Concen: 4.898 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

Tgt Ion: 84 Resp: 15458
Ion Ratio Lower Upper
84 100
86 60.6 43.7 81.1
49 81.5 64.0 119.0





#17

trans-1,2-Dichloroethene

Concen: 1.794 ug/L

RT: 5.311 min Scan# 61

Delta R.T. -0.006 min

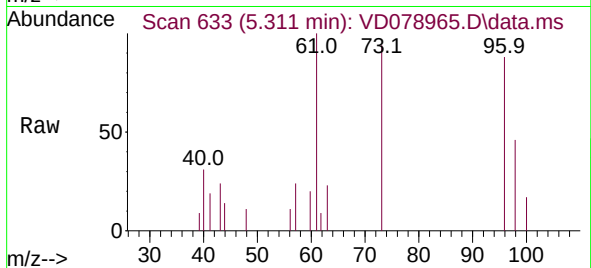
Lab File: VD078965.D

Acq: 17 May 2024 16:31

Instrument :

MSVOA_D

ClientSampleId :



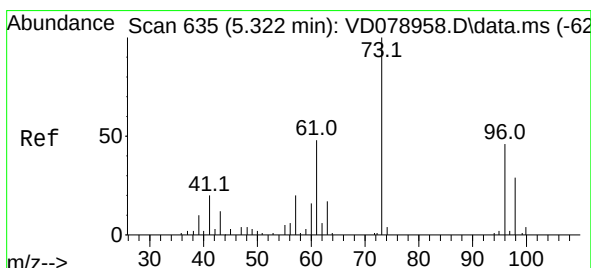
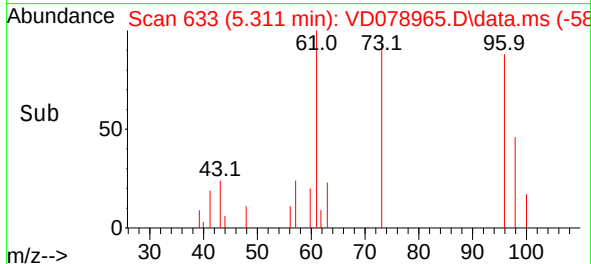
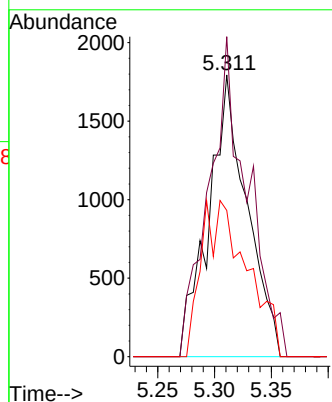
Tgt Ion: 96 Resp: 4209

Ion Ratio Lower Upper

96 100

61 113.5 75.5 140.1

98 51.9 39.1 72.7



#18

Methyl tert-butyl Ether

Concen: 0.728 ug/L

RT: 5.311 min Scan# 633

Delta R.T. -0.011 min

Lab File: VD078965.D

Acq: 17 May 2024 16:31

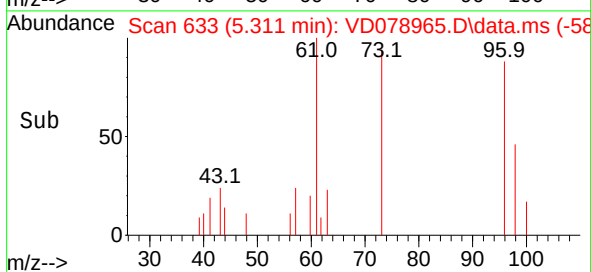
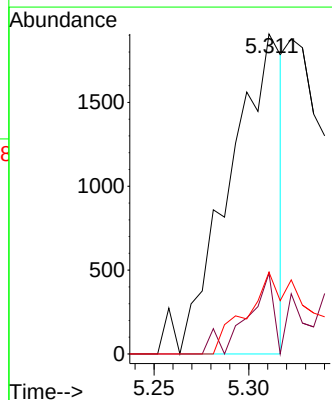
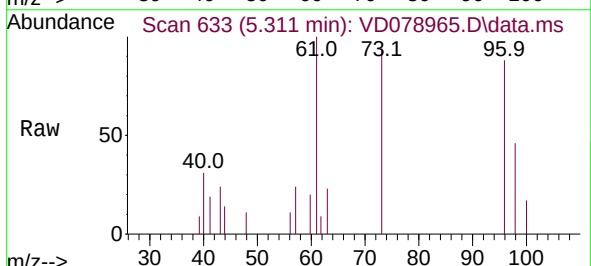
Tgt Ion: 73 Resp: 3638

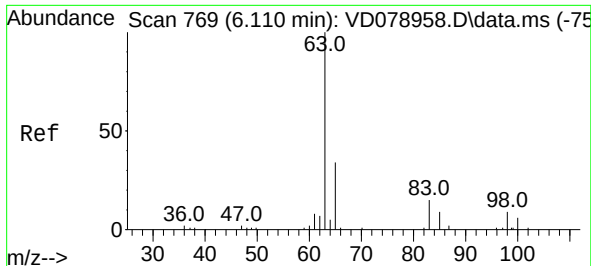
Ion Ratio Lower Upper

73 100

43 11.1 6.7 10.1#

57 5.5 16.8 25.2#





#19

1,1-Dichloroethane

Concen: 0.944 ug/L

RT: 6.105 min Scan# 769

Delta R.T. -0.006 min

Lab File: VD078965.D

Acq: 17 May 2024 16:31

Instrument :

MSVOA_D

ClientSampleId :

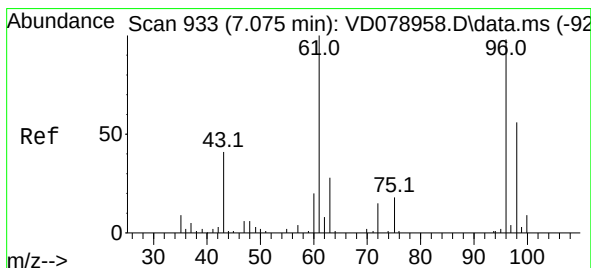
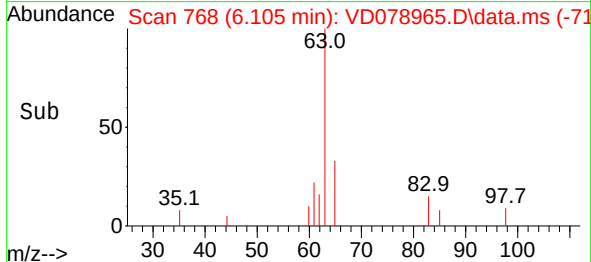
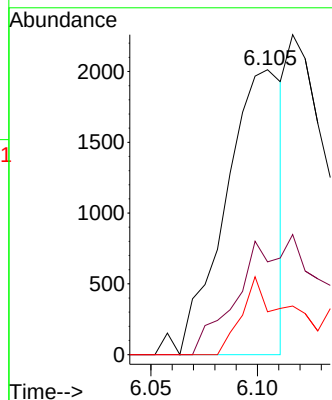
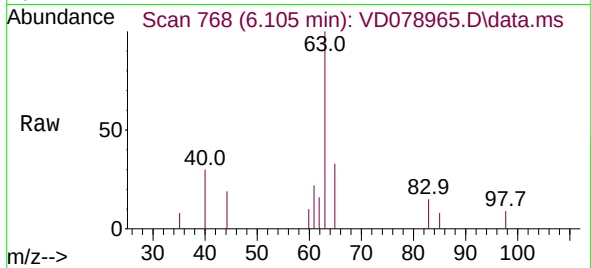
Tgt Ion: 63 Resp: 3719

Ion Ratio Lower Upper

63 100

65 32.5 23.5 43.7

83 15.1 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 1.613 ug/L

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD078965.D

Acq: 17 May 2024 16:31

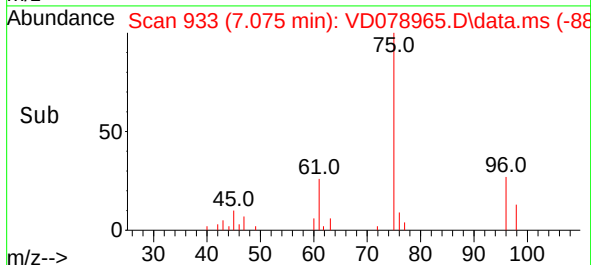
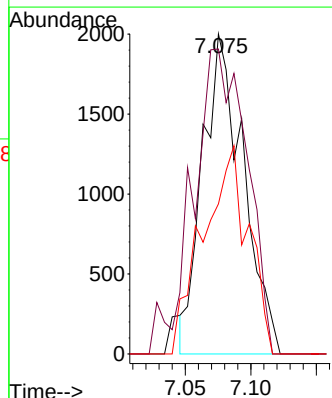
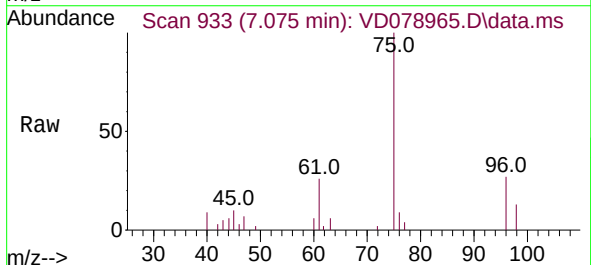
Tgt Ion: 96 Resp: 4316

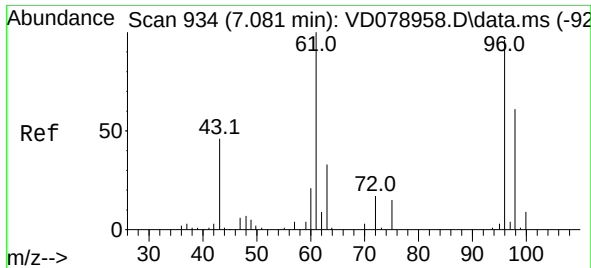
Ion Ratio Lower Upper

96 100

61 95.3 71.6 133.0

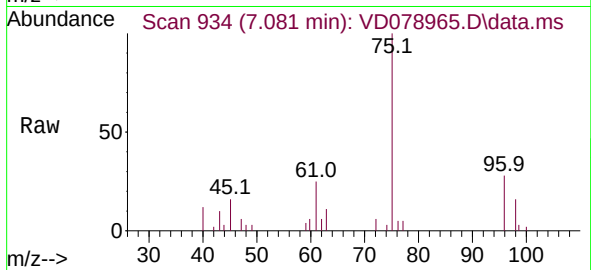
98 46.9 40.1 74.5



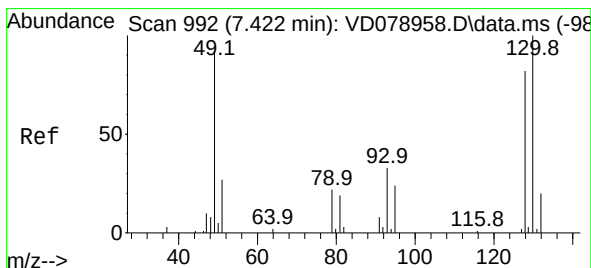
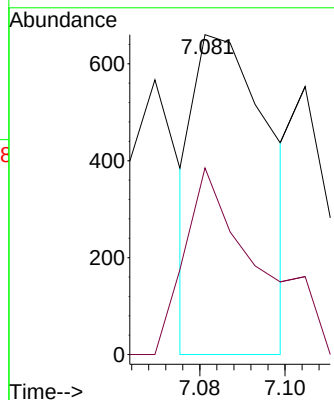
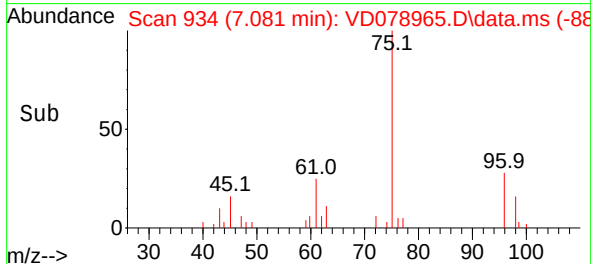


#22
2-Butanone
Concen: 1.240 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

Instrument :
MSVOA_D
ClientSampleId :

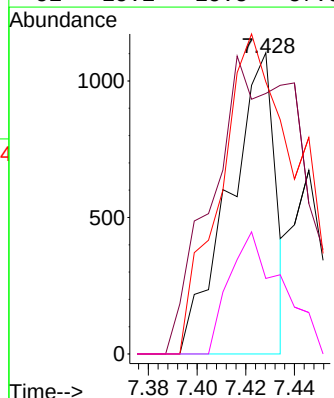
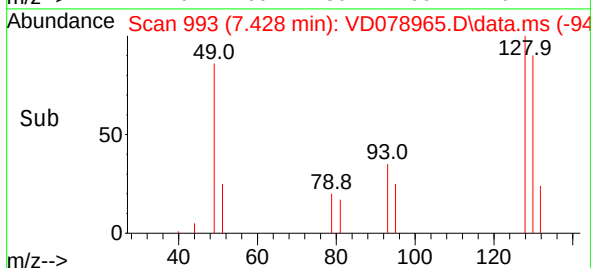
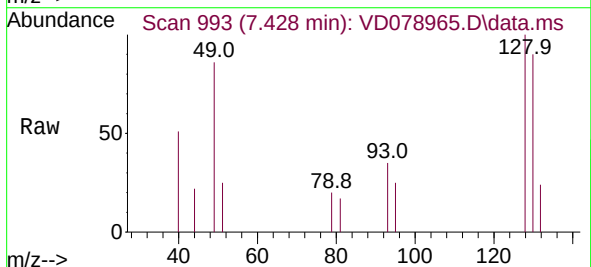


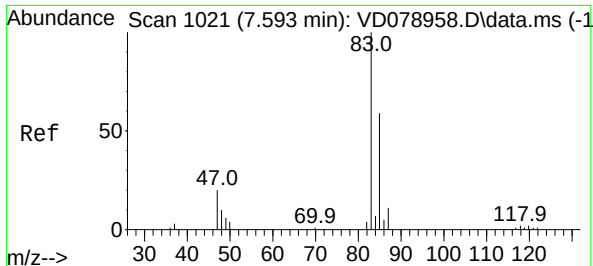
Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
72 50.9 17.1 51.2



#23
Bromochloromethane
Concen: 1.093 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

Tgt Ion:128 Resp: 1461
Ion Ratio Lower Upper
128 100
49 86.5 77.3 143.5
130 90.4 83.4 154.8
51 25.1 25.3 37.9#





#25

Chloroform

Concen: 2.269 ug/L

RT: 7.599 min Scan# 110

Delta R.T. 0.006 min

Lab File: VD078965.D

Acq: 17 May 2024 16:31

Instrument :

MSVOA_D

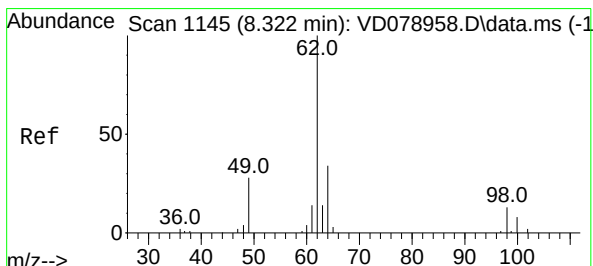
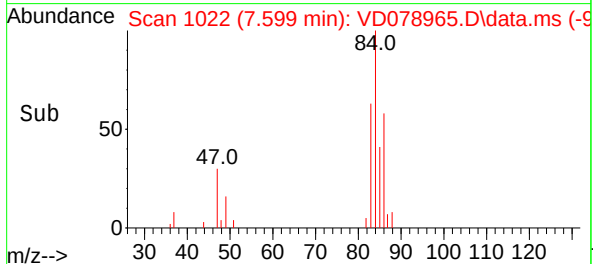
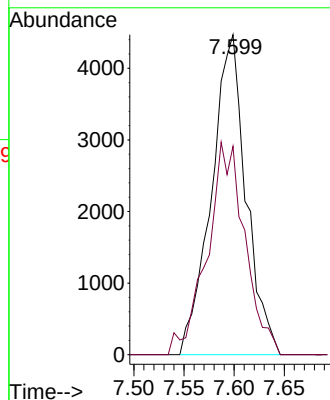
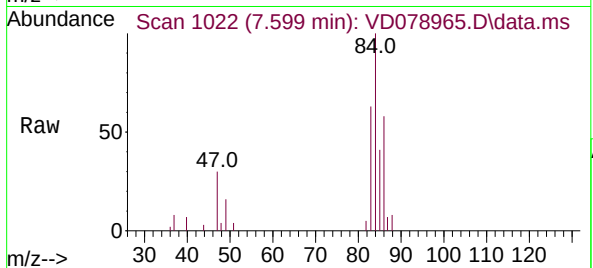
ClientSampleId :

Tgt Ion: 83 Resp: 10746

Ion Ratio Lower Upper

83 100

85 65.1 41.8 77.6



#27

1,2-Dichloroethane

Concen: 1.722 ug/L

RT: 8.316 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VD078965.D

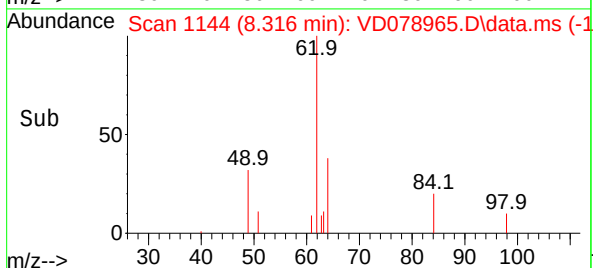
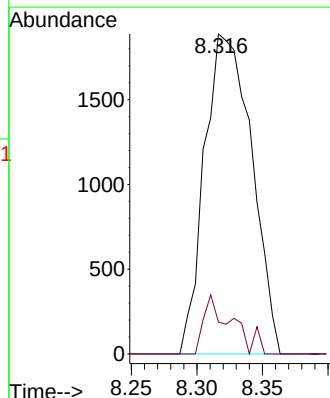
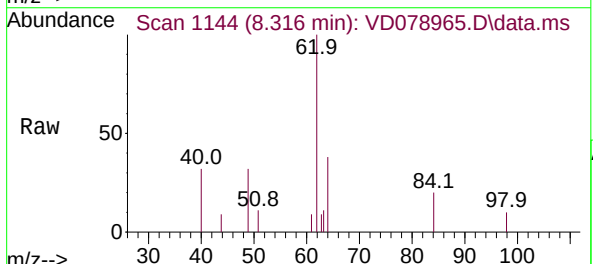
Acq: 17 May 2024 16:31

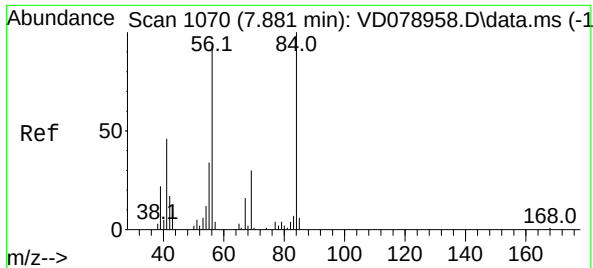
Tgt Ion: 62 Resp: 4724

Ion Ratio Lower Upper

62 100

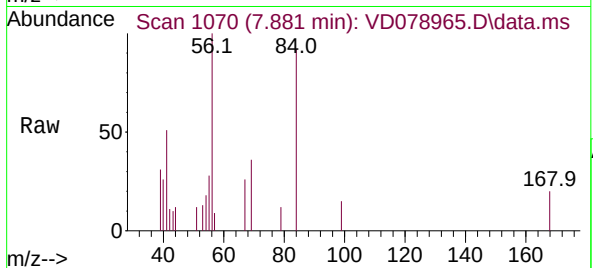
98 10.0 10.2 15.4#



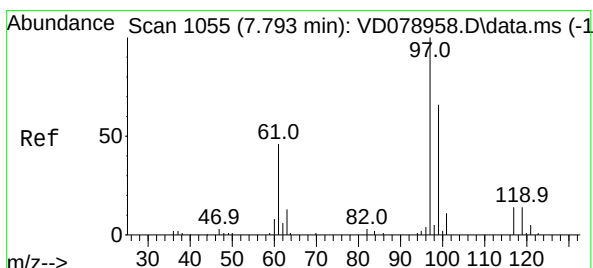
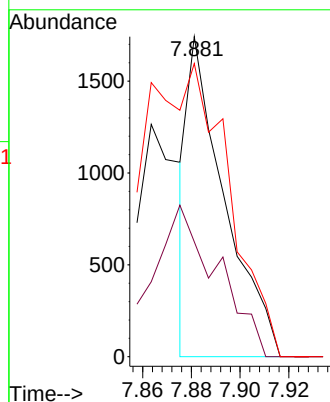
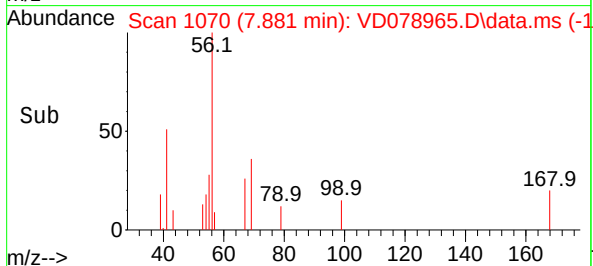


#29
Cyclohexane
Concen: 0.688 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

Instrument :
MSVOA_D
ClientSampleId :

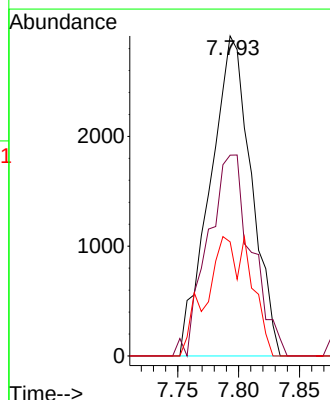
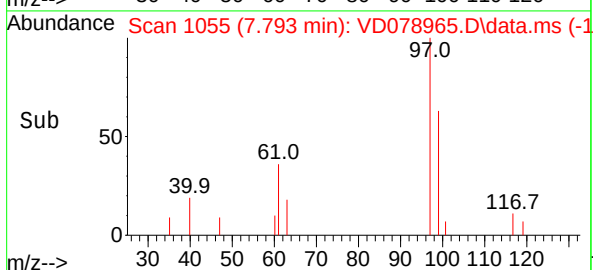
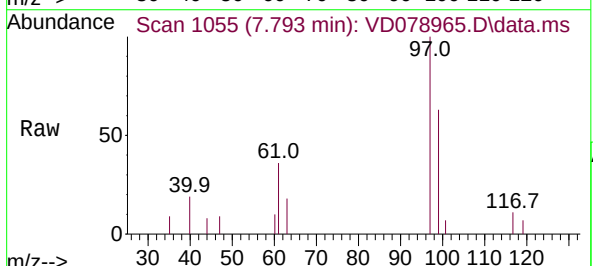


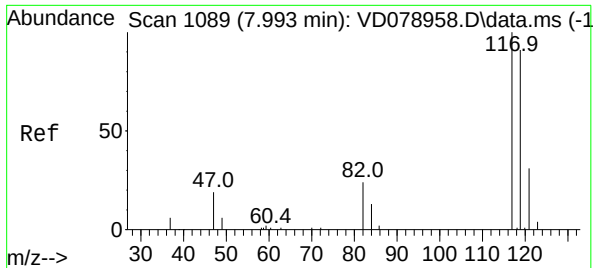
Tgt Ion: 56 Resp: 1806
Ion Ratio Lower Upper
56 100
69 81.9 25.2 37.8#
84 106.4 83.4 125.2



#30
1,1,1-Trichloroethane
Concen: 1.815 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

Tgt Ion: 97 Resp: 6863
Ion Ratio Lower Upper
97 100
99 57.0 52.6 78.8
61 12.9 32.6 48.8#

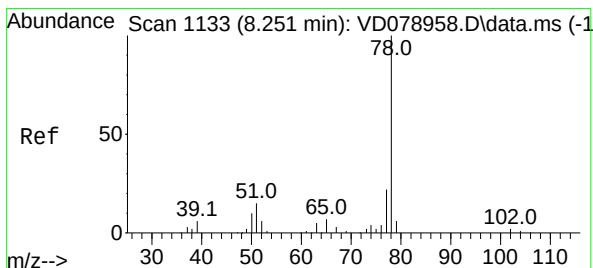
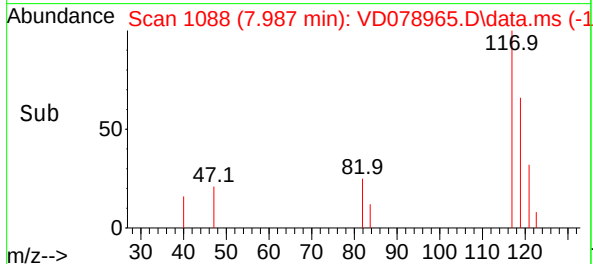
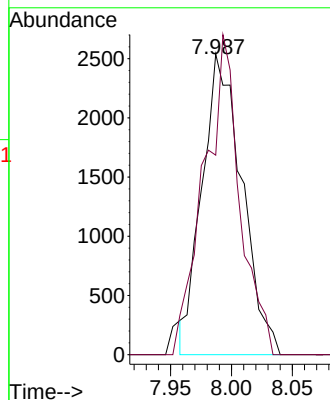
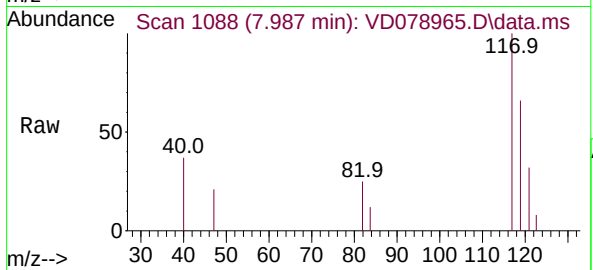




#31
Carbon tetrachloride
Concen: 1.657 ug/L
RT: 7.987 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

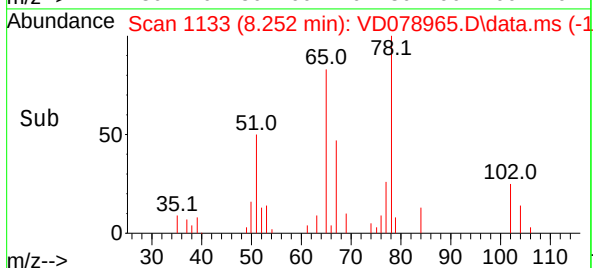
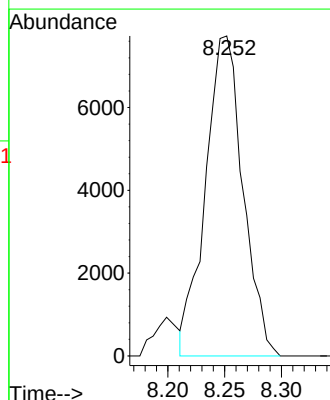
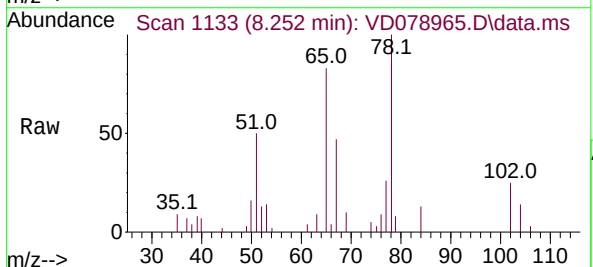
Instrument :
MSVOA_D
ClientSampleId :

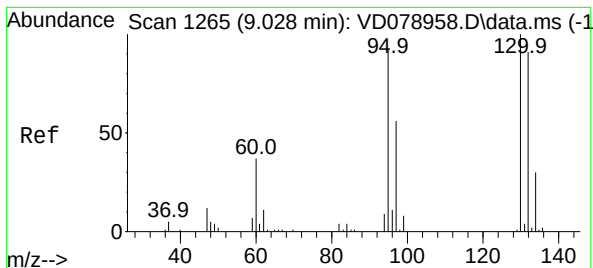
Tgt Ion:117 Resp: 5769
Ion Ratio Lower Upper
117 100
119 54.5 77.7 116.5#



#33
Benzene
Concen: 1.898 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

Tgt Ion: 78 Resp: 17778





#34

Trichloroethene

Concen: 1.896 ug/L

RT: 9.028 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078965.D

Acq: 17 May 2024 16:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 4575

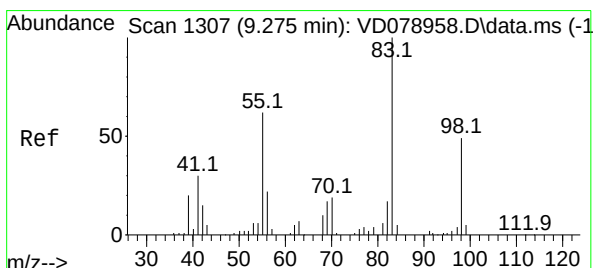
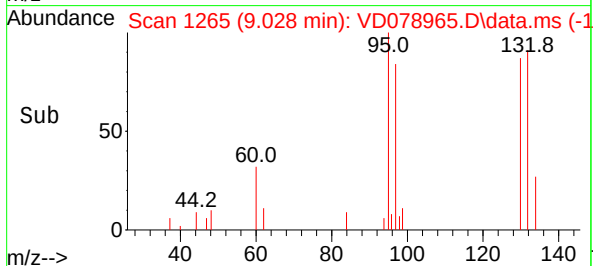
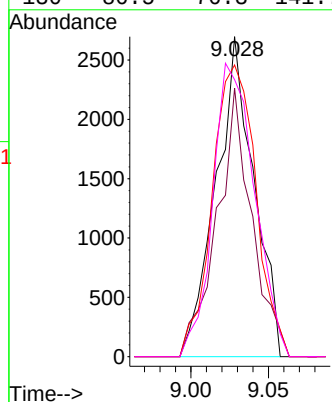
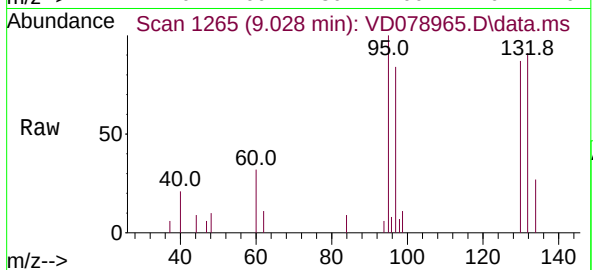
Ion Ratio Lower Upper

95 100

97 83.9 42.6 79.2#

132 91.1 69.5 129.1

130 86.5 76.3 141.7



#35

Methylcyclohexane

Concen: 0.928 ug/L

RT: 9.281 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VD078965.D

Acq: 17 May 2024 16:31

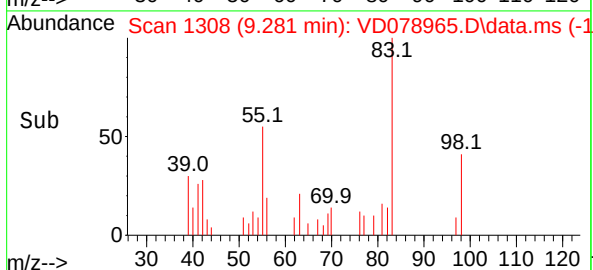
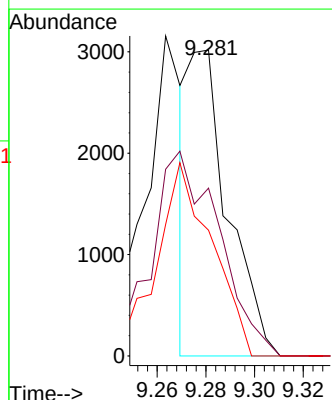
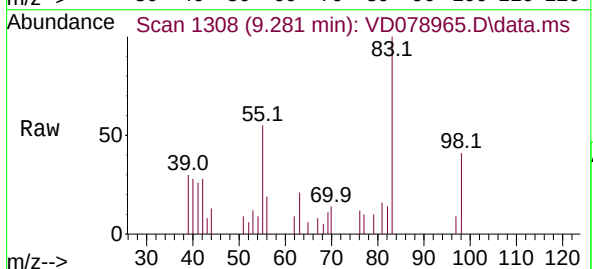
Tgt Ion: 83 Resp: 3367

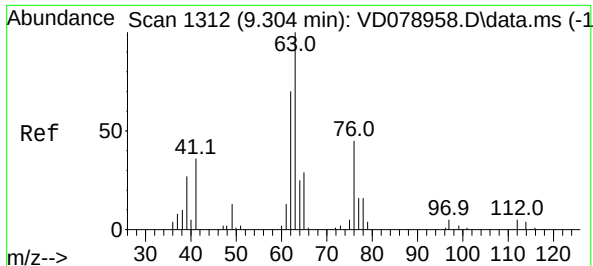
Ion Ratio Lower Upper

83 100

55 0.0 49.0 73.6#

98 0.0 40.1 60.1#

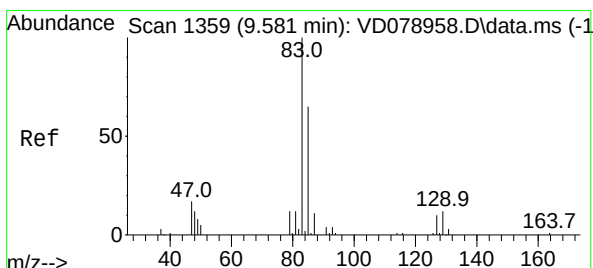
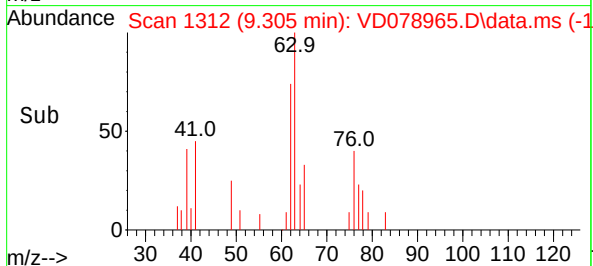
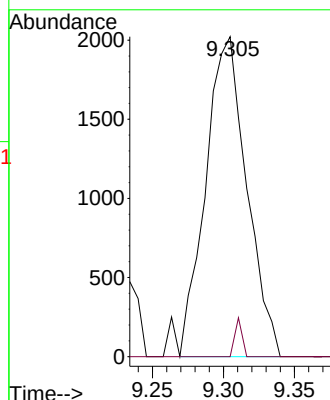
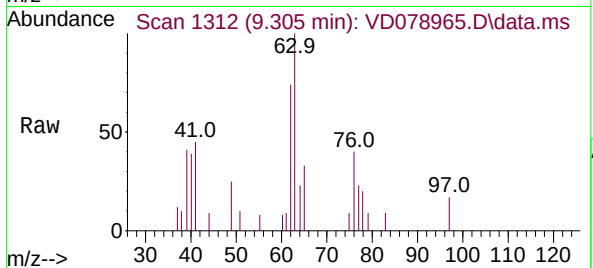




#37
1,2-Dichloropropane
Concen: 1.715 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

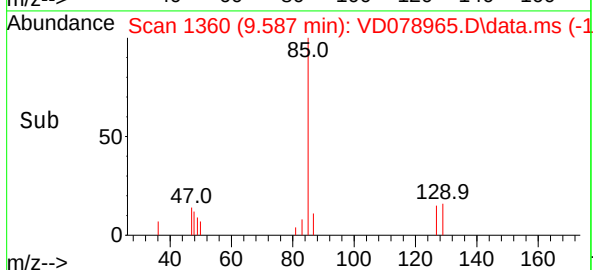
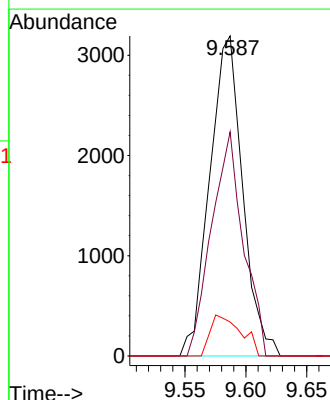
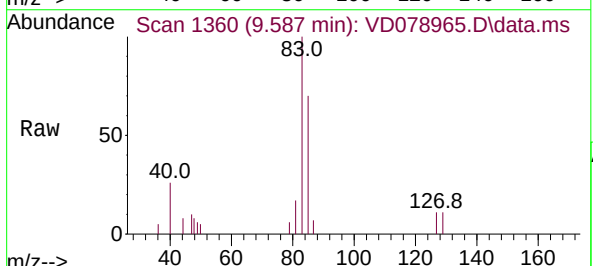
Instrument :
MSVOA_D
ClientSampleId :

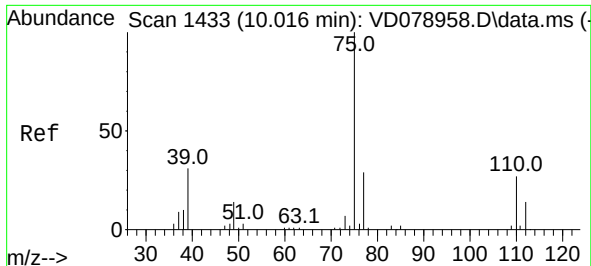
Tgt Ion: 63 Resp: 4072
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



#38
Bromodichloromethane
Concen: 1.788 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

Tgt Ion: 83 Resp: 6002
Ion Ratio Lower Upper
83 100
85 70.1 45.4 84.4
127 10.6 7.6 11.4





#39

cis-1,3-Dichloropropene

Concen: 1.724 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078965.D

Acq: 17 May 2024 16:31

Instrument :

MSVOA_D

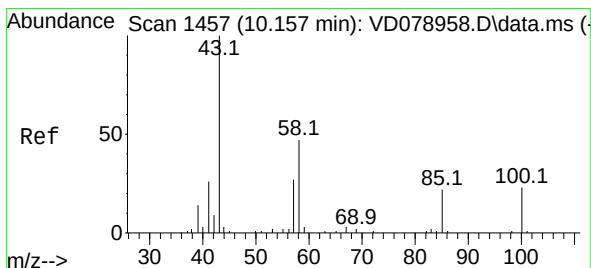
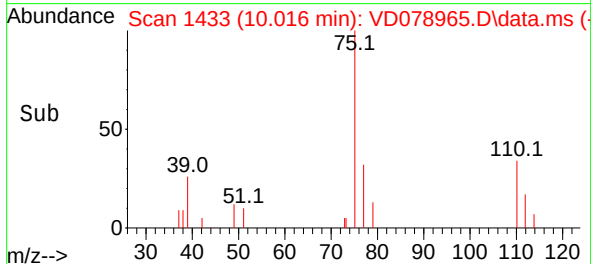
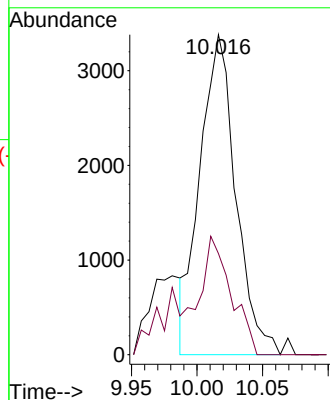
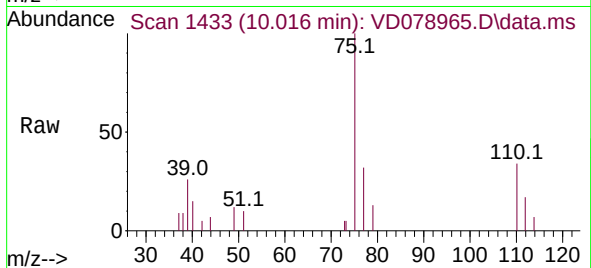
ClientSampleId :

Tgt Ion: 75 Resp: 6420

Ion Ratio Lower Upper

75 100

77 31.6 20.0 37.2



#40

4-Methyl-2-pentanone

Concen: 2.272 ug/L

RT: 10.152 min Scan# 1456

Delta R.T. -0.006 min

Lab File: VD078965.D

Acq: 17 May 2024 16:31

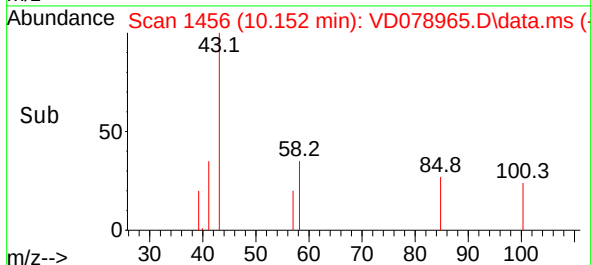
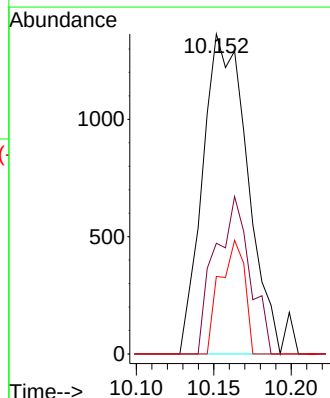
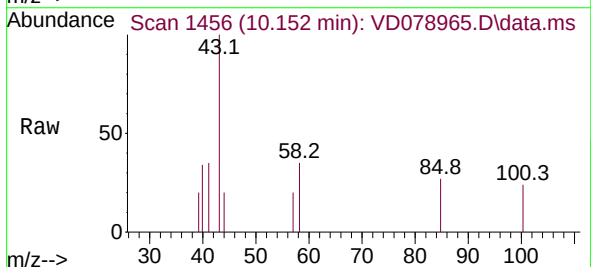
Tgt Ion: 43 Resp: 2724

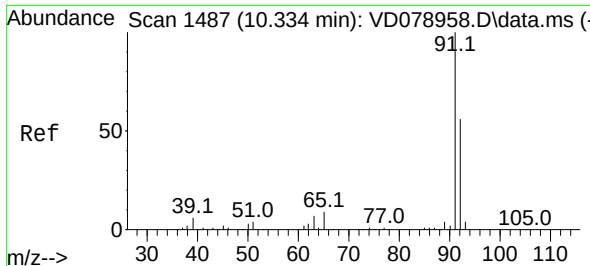
Ion Ratio Lower Upper

43 100

58 38.4 38.0 57.0

100 19.8 17.3 25.9





#42

Toluene

Concen: 1.752 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078965.D

Acq: 17 May 2024 16:31

Instrument :

MSVOA_D

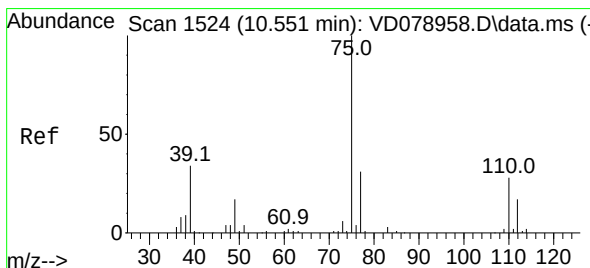
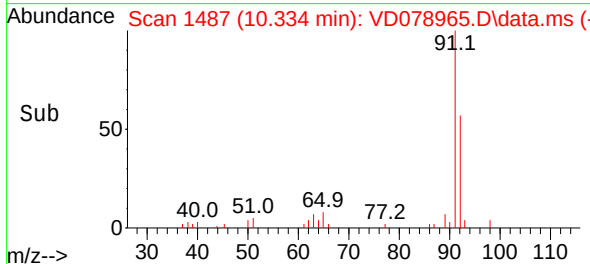
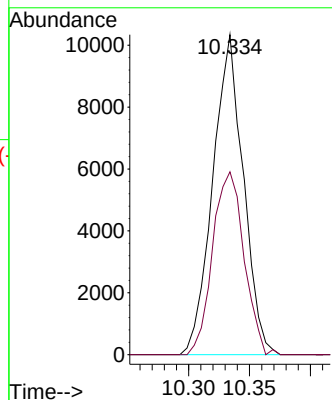
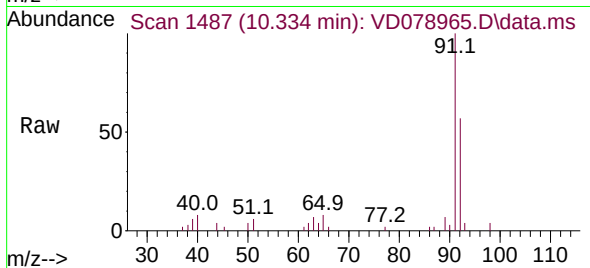
ClientSampleId :

Tgt Ion: 91 Resp: 18046

Ion Ratio Lower Upper

91 100

92 57.2 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 1.673 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD078965.D

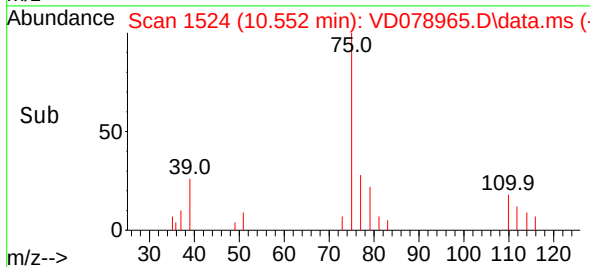
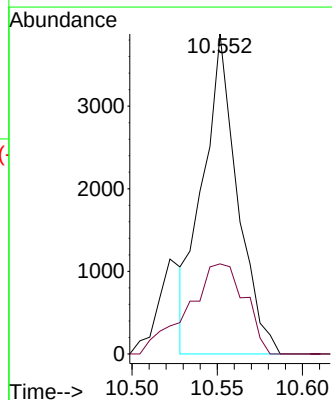
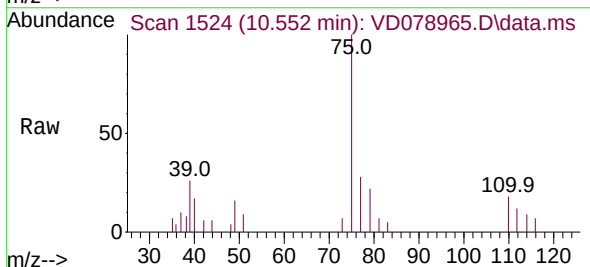
Acq: 17 May 2024 16:31

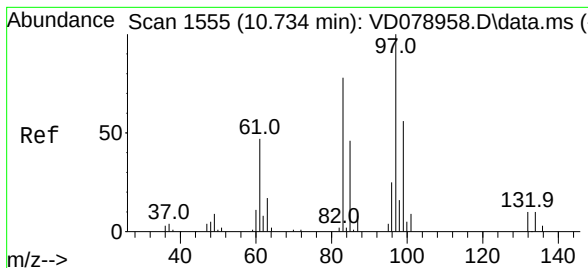
Tgt Ion: 75 Resp: 5508

Ion Ratio Lower Upper

75 100

77 28.1 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 1.702 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078965.D

Acq: 17 May 2024 16:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 3694

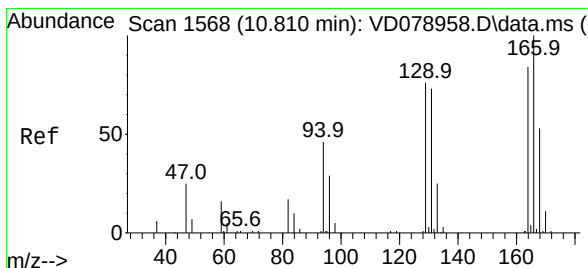
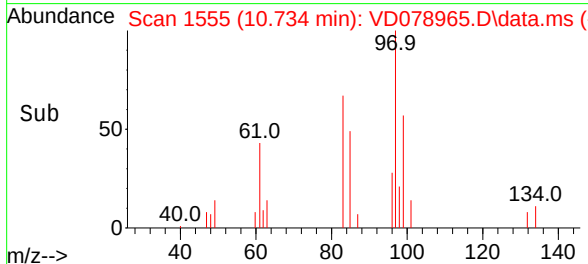
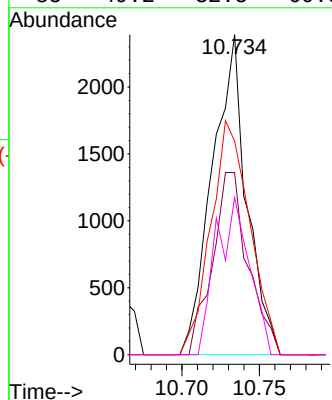
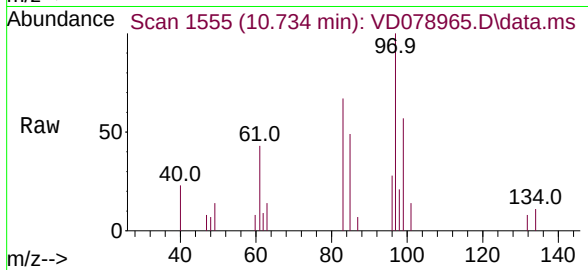
Ion Ratio Lower Upper

97 100

99 56.9 39.1 72.7

83 66.7 54.6 101.4

85 49.2 32.5 60.3



#46

Tetrachloroethene

Concen: 1.950 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078965.D

Acq: 17 May 2024 16:31

Tgt Ion:164 Resp: 4049

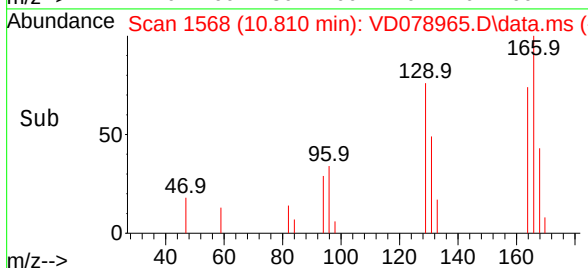
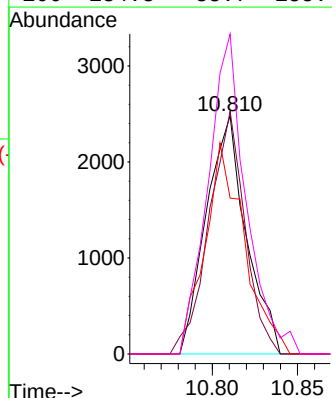
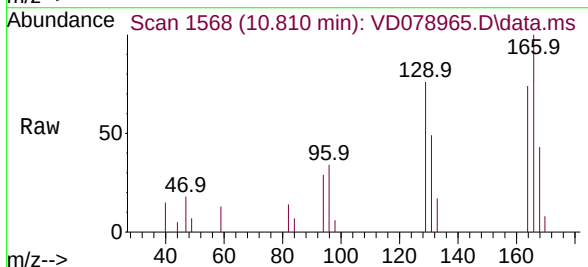
Ion Ratio Lower Upper

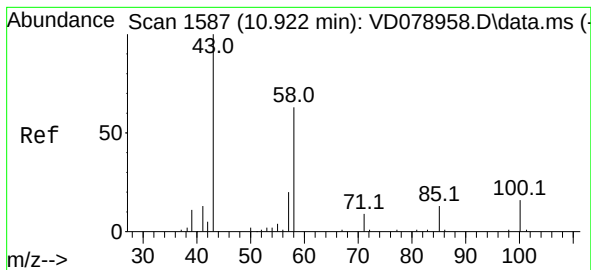
164 100

129 101.9 63.3 117.7

131 65.4 60.8 112.8

166 134.3 83.7 155.4

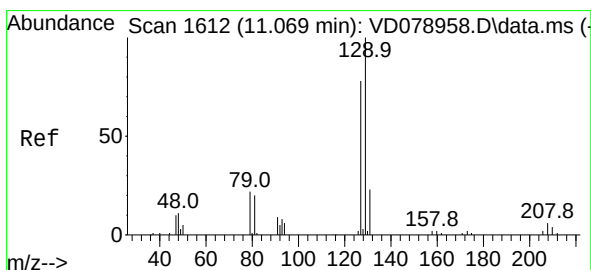
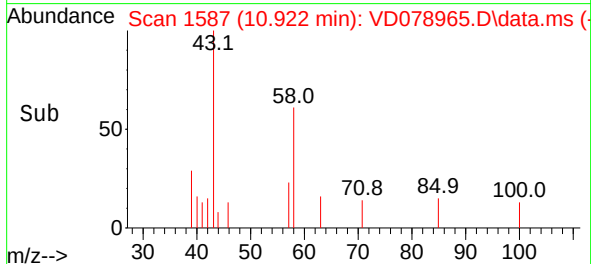
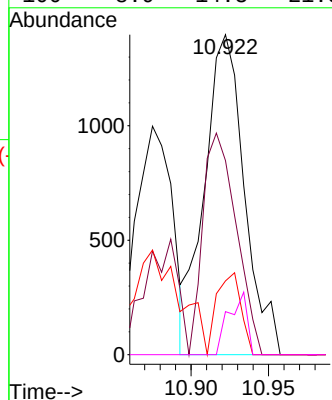
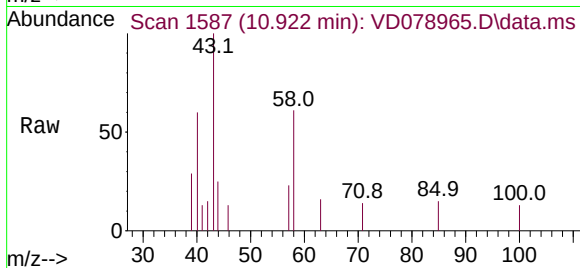




#48
2-Hexanone
Concen: 2.707 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

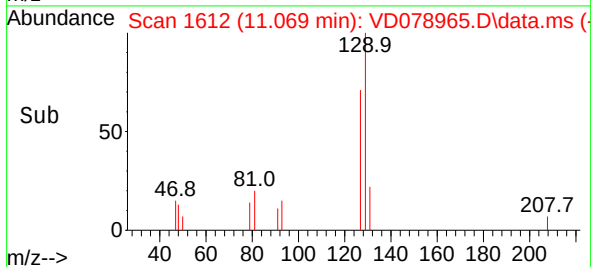
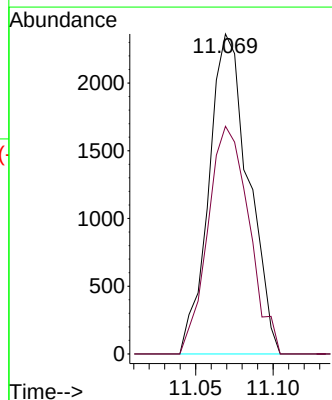
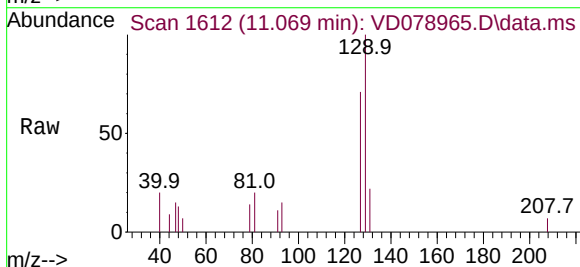
Instrument :
MSVOA_D
ClientSampleId :

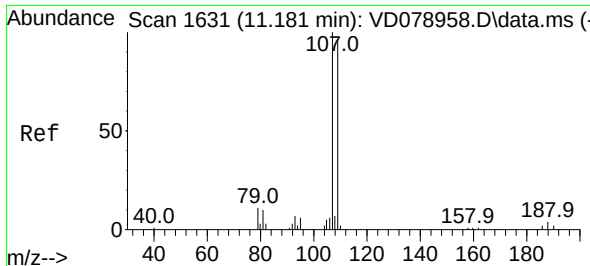
Tgt	Ion: 43	Resp:	2516
Ion	Ratio	Lower	Upper
43	100		
58	57.8	53.4	80.2
57	15.4	17.0	25.4#
100	8.9	14.3	21.5#



#49
Dibromochloromethane
Concen: 1.591 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

Tgt Ion:129	Resp:	4200	
Ion	Ratio	Lower	Upper
129	100		
127	71.1	54.8	101.8





#50

1,2-Dibromoethane

Concen: 1.553 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078965.D

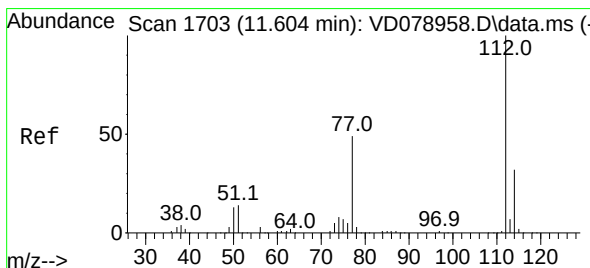
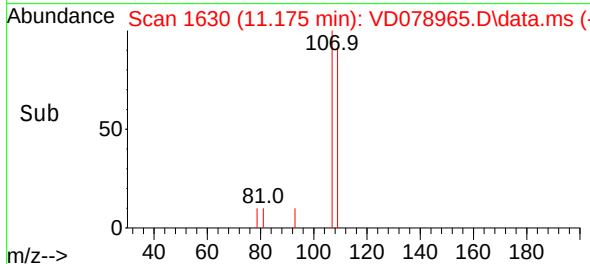
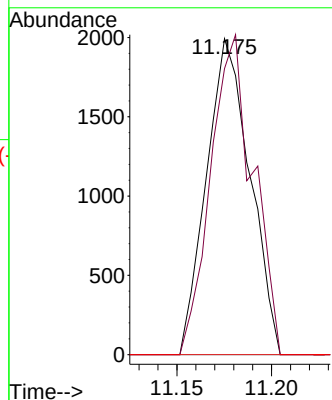
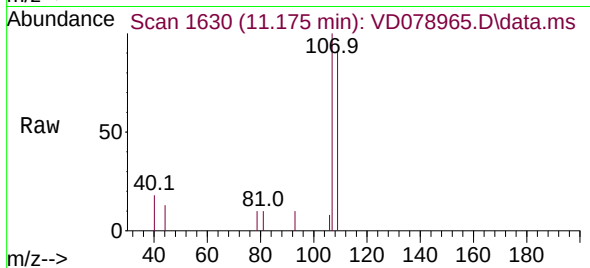
Acq: 17 May 2024 16:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	3185
Ion Ratio	Lower	Upper
107	100	
109	90.5	67.0 124.4
188	0.0	3.4 5.2#



#51

Chlorobenzene

Concen: 1.719 ug/L

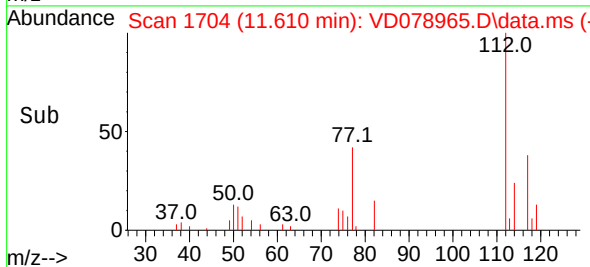
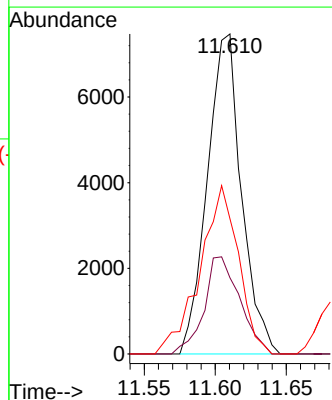
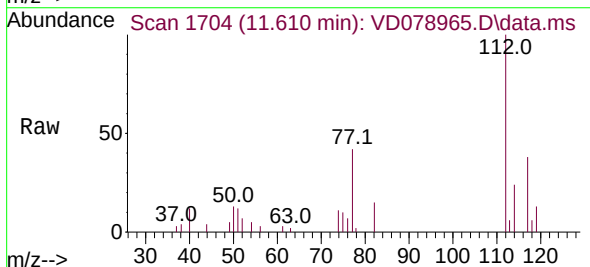
RT: 11.610 min Scan# 1704

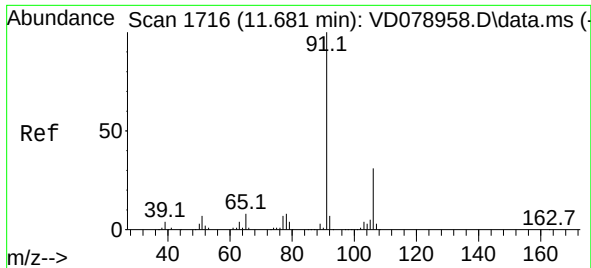
Delta R.T. 0.006 min

Lab File: VD078965.D

Acq: 17 May 2024 16:31

Tgt Ion:112	Resp:	12508
Ion Ratio	Lower	Upper
112	100	
114	23.8	22.5 41.9
77	42.2	39.4 59.0

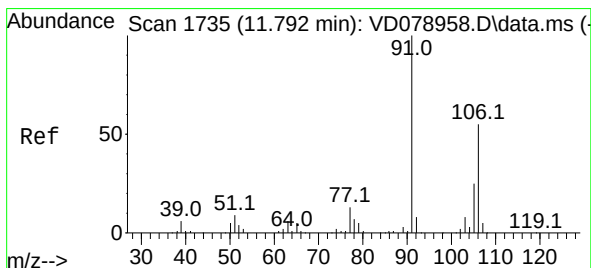
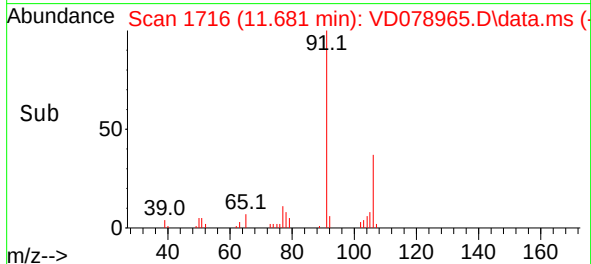
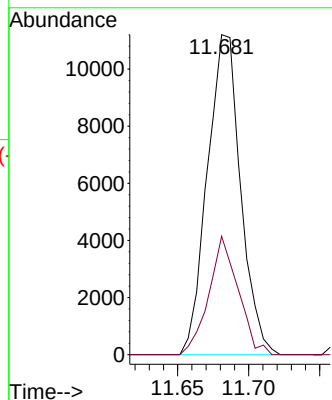
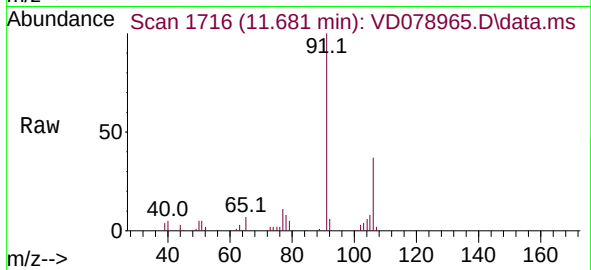




#52
Ethylbenzene
Concen: 1.644 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

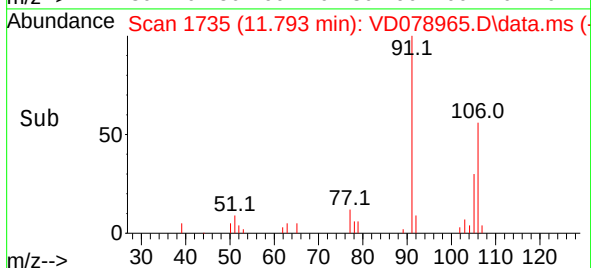
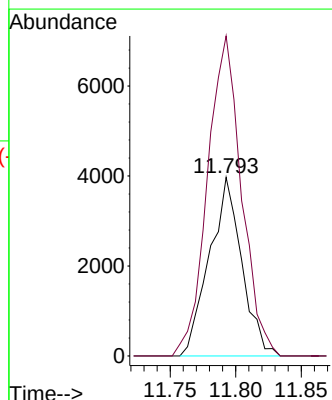
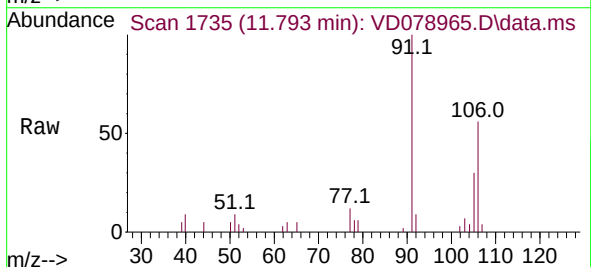
Instrument :
MSVOA_D
ClientSampleId :

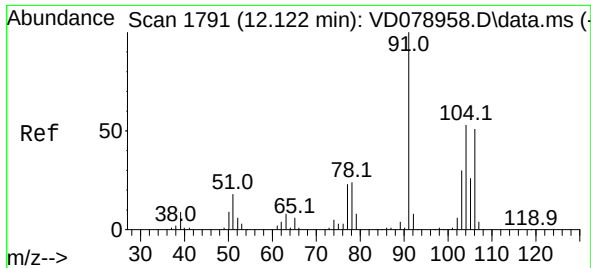
Tgt Ion: 91 Resp: 18273
Ion Ratio Lower Upper
91 100
106 37.0 21.6 40.2



#53
m,p-Xylene
Concen: 1.532 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

Tgt Ion: 106 Resp: 6814
Ion Ratio Lower Upper
106 100
91 179.3 128.3 238.3

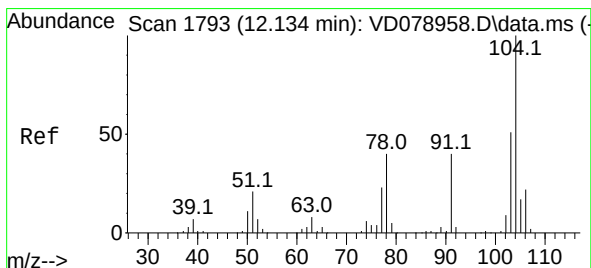
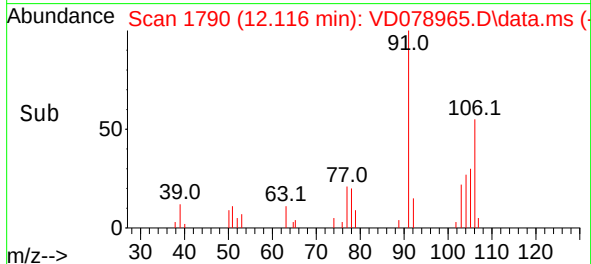
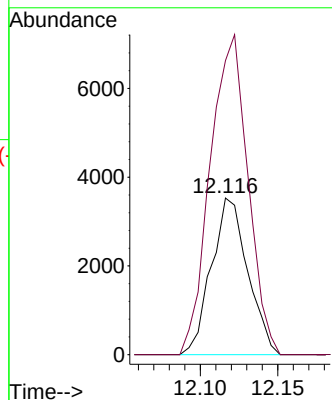
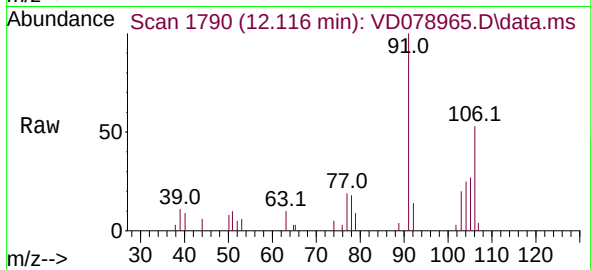




#54
o-Xylene
Concen: 1.330 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

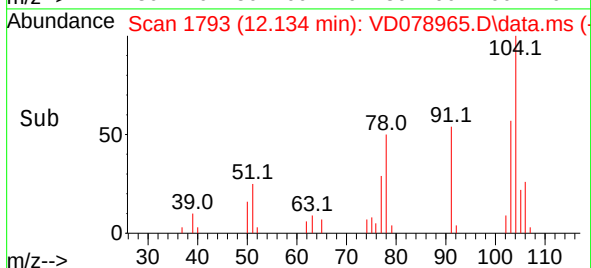
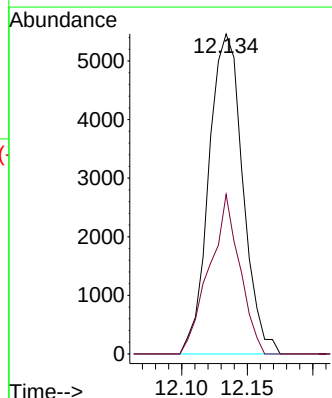
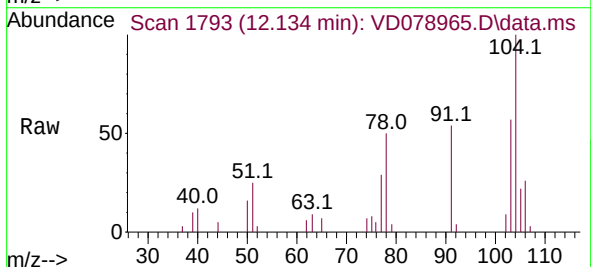
Instrument :
MSVOA_D
ClientSampleId :

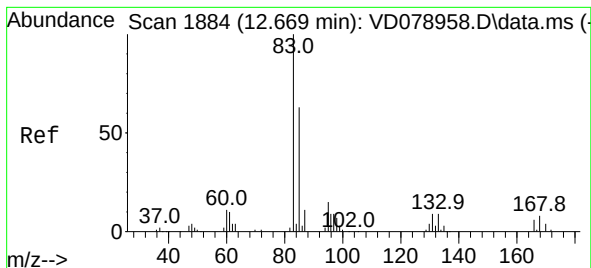
Tgt Ion:106 Resp: 5759
Ion Ratio Lower Upper
106 100
91 187.8 138.3 256.9



#55
Styrene
Concen: 1.285 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

Tgt Ion:104 Resp: 9834
Ion Ratio Lower Upper
104 100
78 49.8 27.8 51.6

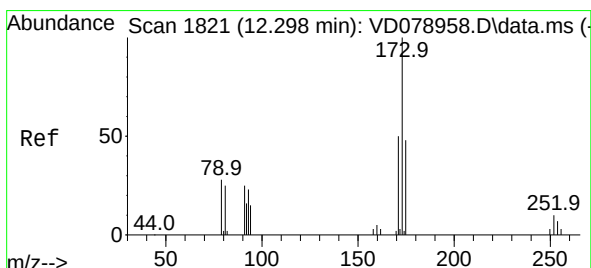
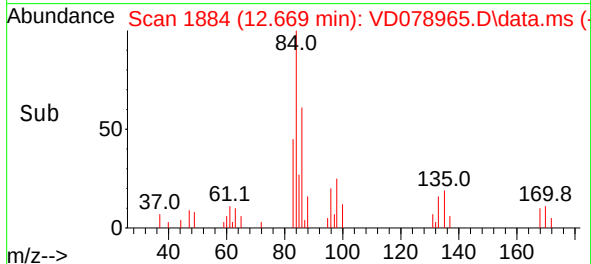
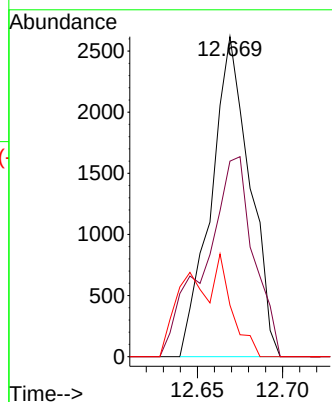
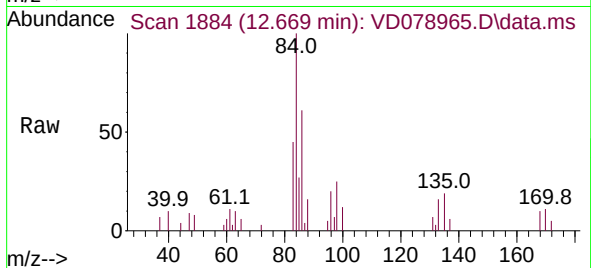




#57
1,1,2,2-Tetrachloroethane
Concen: 1.572 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

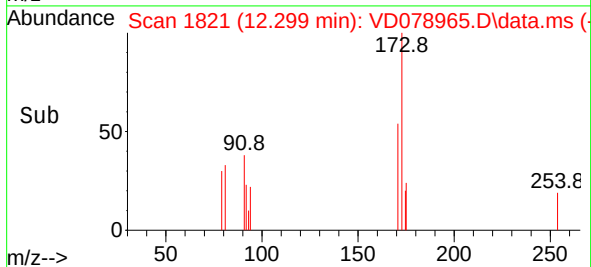
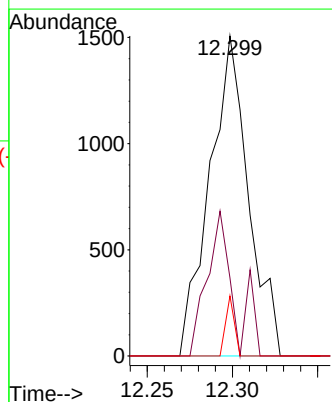
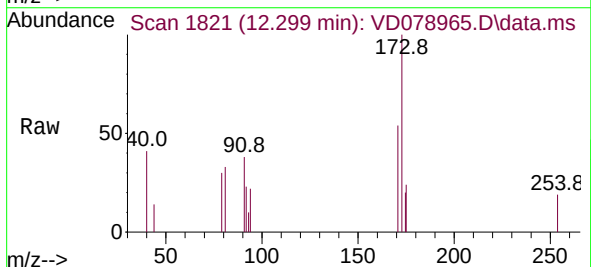
Instrument :
MSVOA_D
ClientSampleId :

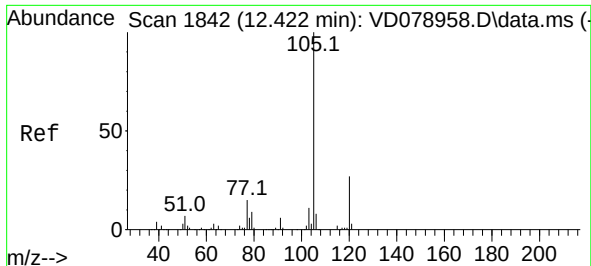
Tgt Ion: 83 Resp: 4140
Ion Ratio Lower Upper
83 100
85 61.1 44.3 82.3
131 16.1 7.5 11.3#



#59
Bromoform
Concen: 1.668 ug/L
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

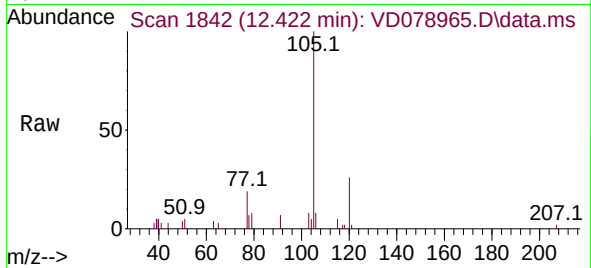
Tgt Ion:173 Resp: 2392
Ion Ratio Lower Upper
173 100
175 25.4 40.0 60.0#
254 0.0 6.3 9.5#



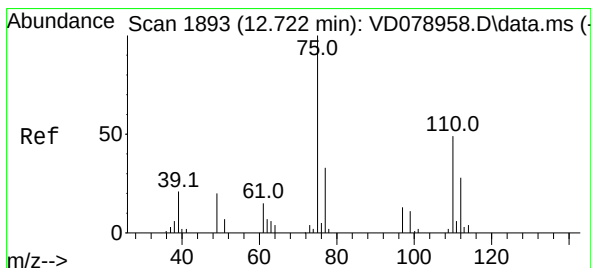
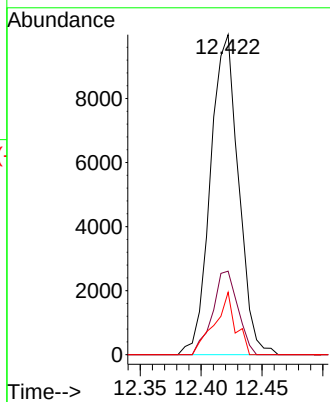
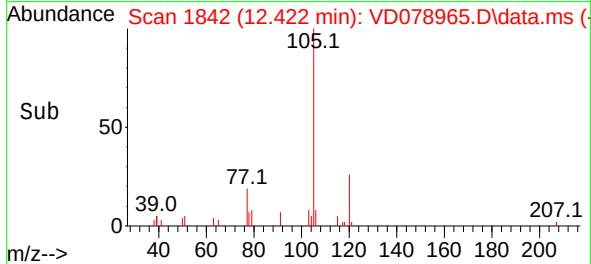


#60
Isopropylbenzene
Concen: 1.713 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

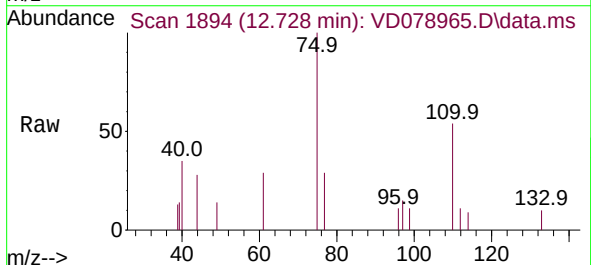
Instrument :
MSVOA_D
ClientSampleId :



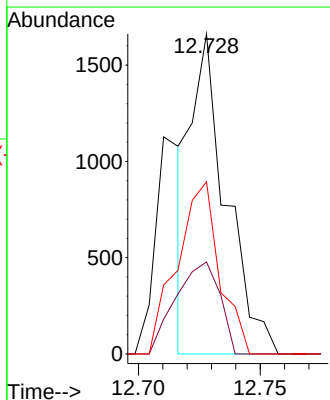
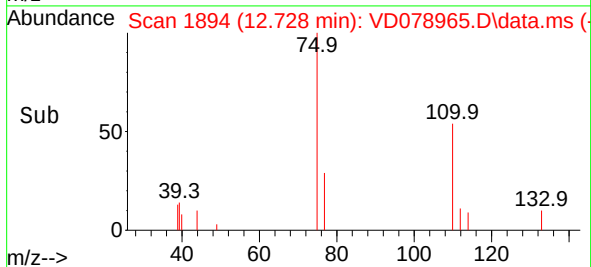
Tgt Ion:	105	Resp:	16051
Ion	Ratio	Lower	Upper
105	100		
120	23.6	21.8	32.8
77	14.6	11.7	17.5

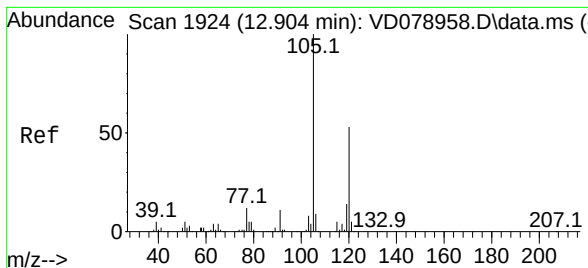


#61
1,2,3-Trichloropropane
Concen: 1.156 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31



Tgt Ion:	75	Resp:	1680
Ion	Ratio	Lower	Upper
75	100		
77	35.7	26.2	39.2
110	64.0	37.1	55.7

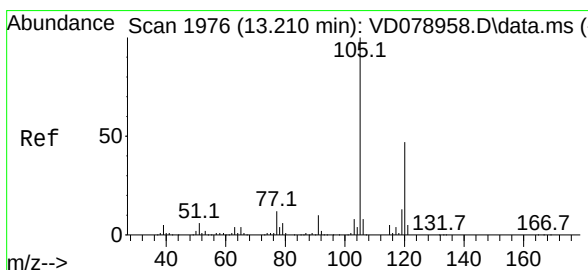
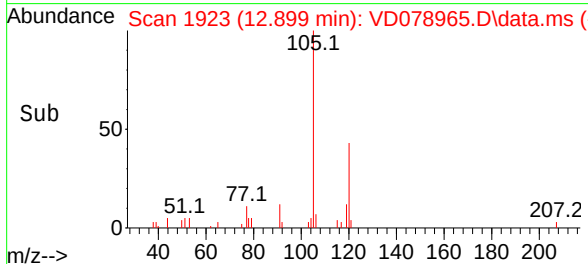
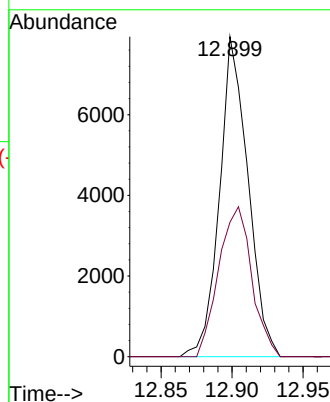
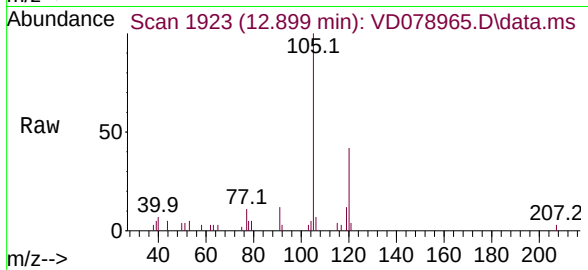




#62
1,3,5-Trimethylbenzene
Concen: 1.596 ug/L
RT: 12.899 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

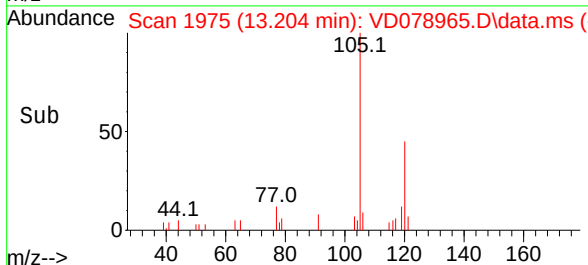
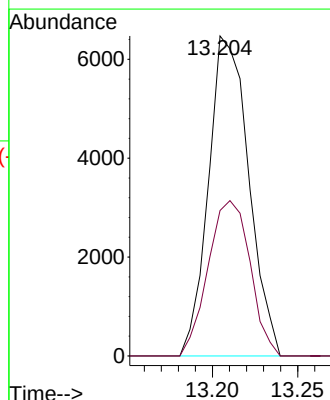
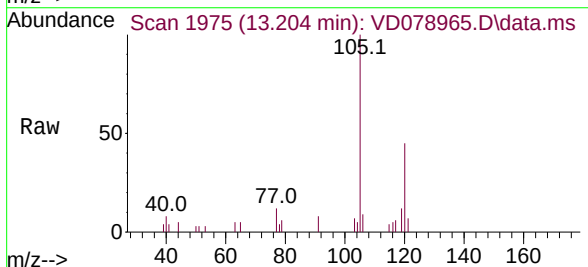
Instrument :
MSVOA_D
ClientSampleId :

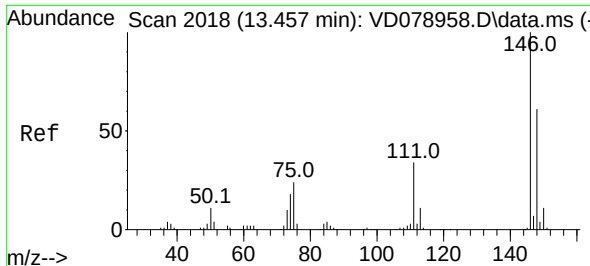
Tgt Ion:105 Resp: 11053
Ion Ratio Lower Upper
105 100
120 54.4 41.9 62.9



#63
1,2,4-Trimethylbenzene
Concen: 1.507 ug/L
RT: 13.204 min Scan# 1975
Delta R.T. -0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

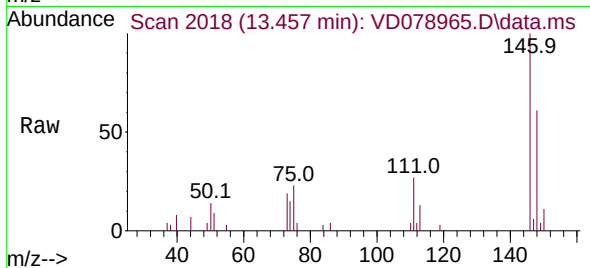
Tgt Ion:105 Resp: 10606
Ion Ratio Lower Upper
105 100
120 50.7 38.8 58.2



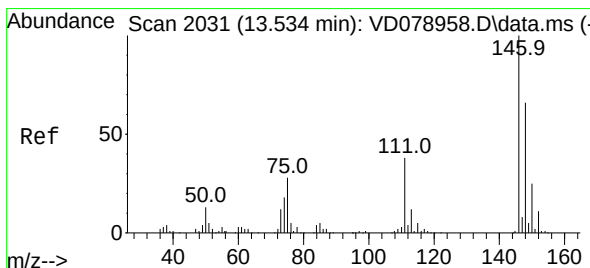
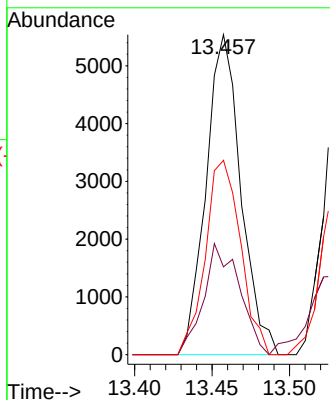
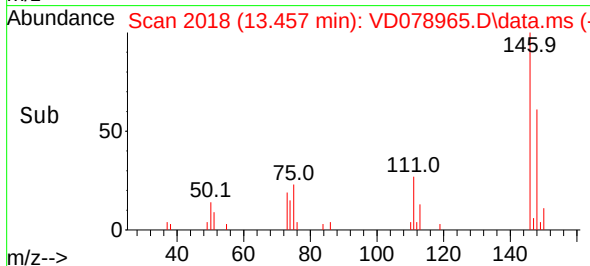


#64
1,3-Dichlorobenzene
Concen: 1.905 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

Instrument :
MSVOA_D
ClientSampleId :

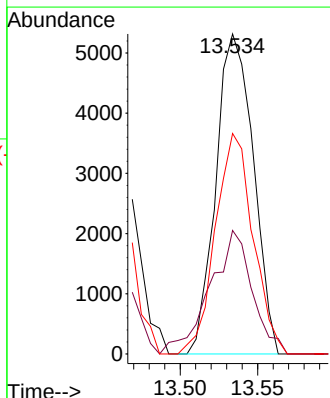
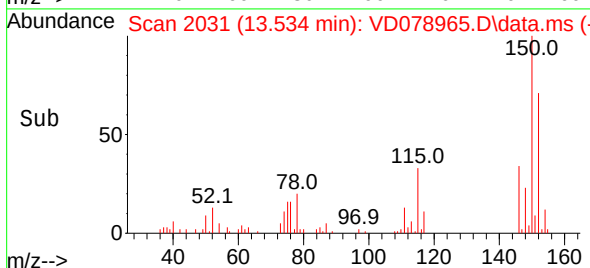
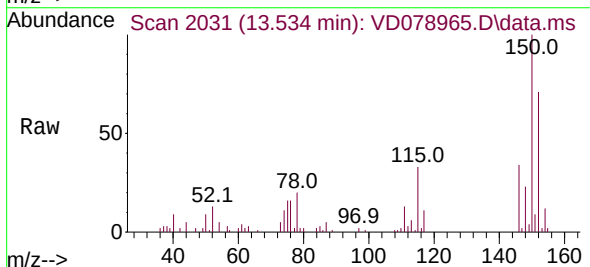


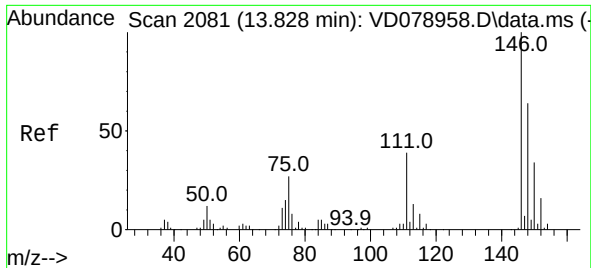
Tgt Ion:146 Resp: 8668
Ion Ratio Lower Upper
146 100
111 27.5 24.0 44.6
148 60.7 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 1.820 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

Tgt Ion:146 Resp: 8928
Ion Ratio Lower Upper
146 100
111 38.6 26.9 50.1
148 68.9 46.4 86.2





#67

1,2-Dichlorobenzene

Concen: 2.002 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

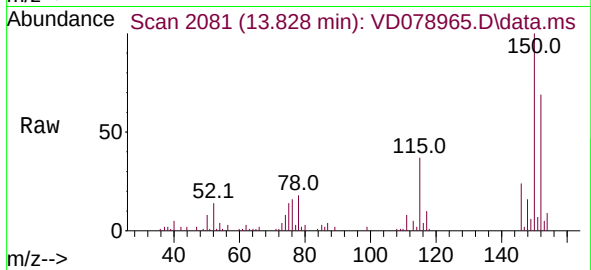
Lab File: VD078965.D

Acq: 17 May 2024 16:31

Instrument :

MSVOA_D

ClientSampleId :



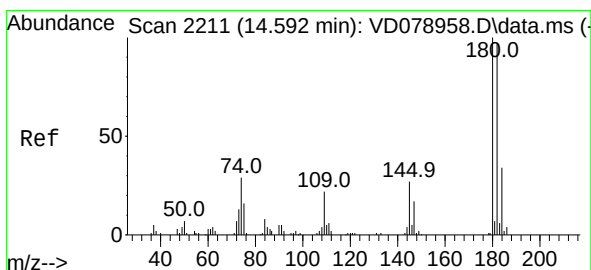
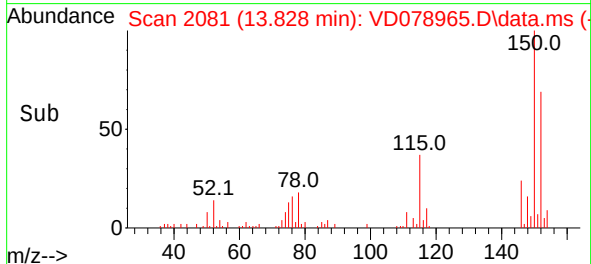
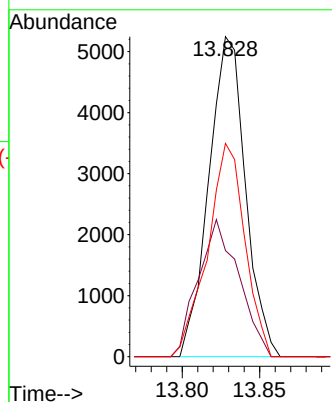
Tgt Ion:146 Resp: 8625

Ion Ratio Lower Upper

146 100

111 33.2 30.9 46.3

148 66.6 51.4 77.0



#69

1,3,5-Trichlorobenzene

Concen: 1.999 ug/L

RT: 14.593 min Scan# 2211

Delta R.T. 0.000 min

Lab File: VD078965.D

Acq: 17 May 2024 16:31

Tgt Ion:180 Resp: 5907

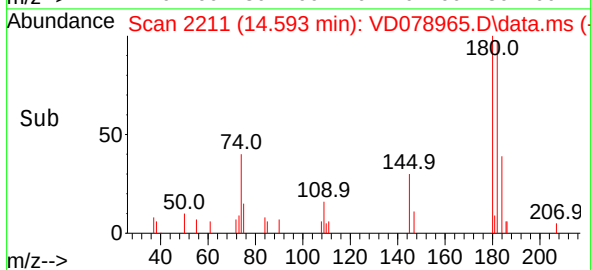
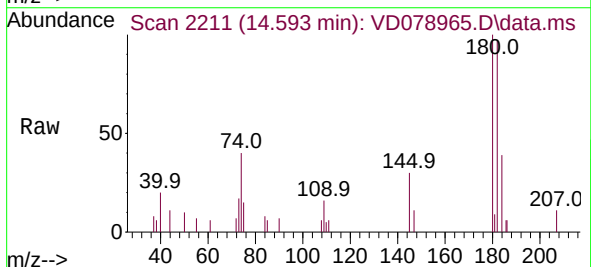
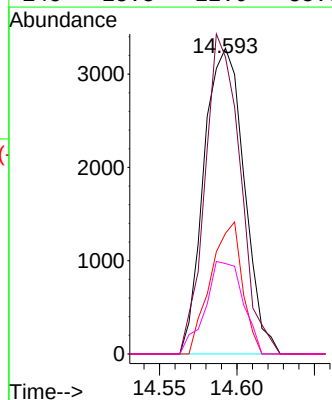
Ion Ratio Lower Upper

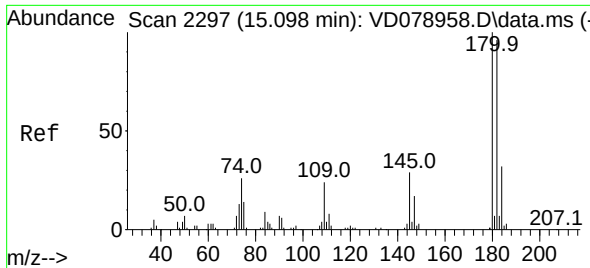
180 100

182 91.8 76.2 114.2

184 34.0 24.9 37.3

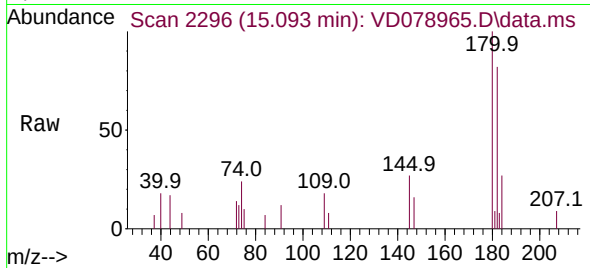
145 28.3 22.0 33.0



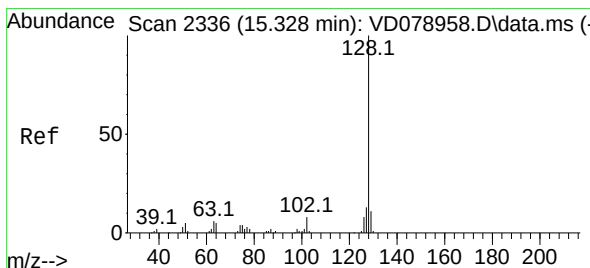
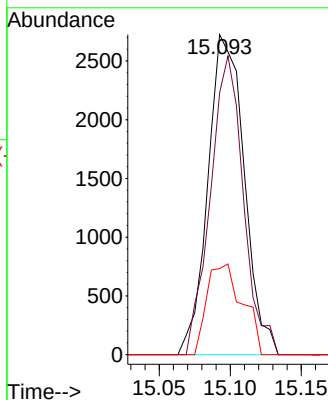
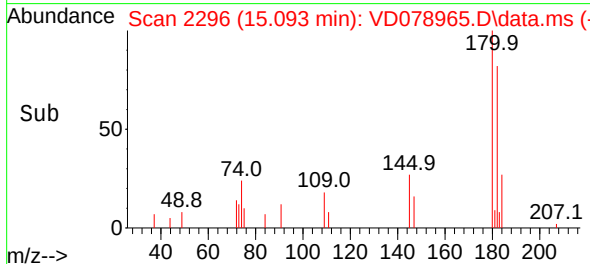


#70
1,2,4-trichlorobenzene
Concen: 1.933 ug/L
RT: 15.093 min Scan# 2296
Delta R.T. -0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

Instrument :
MSVOA_D
ClientSampleId :

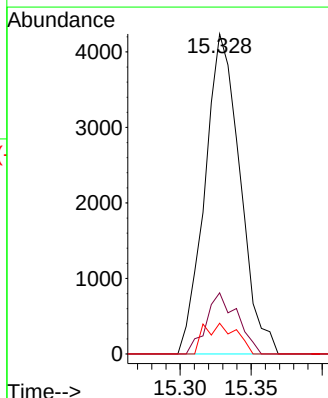
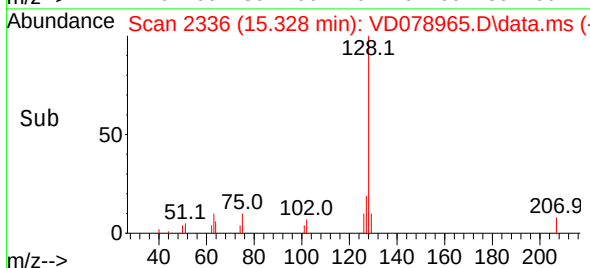
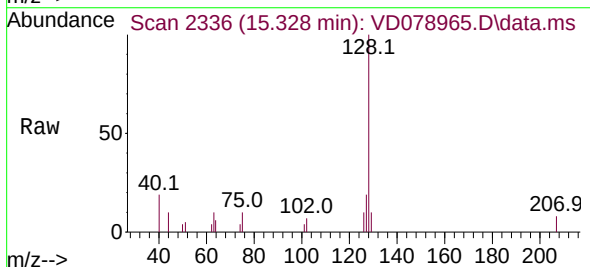


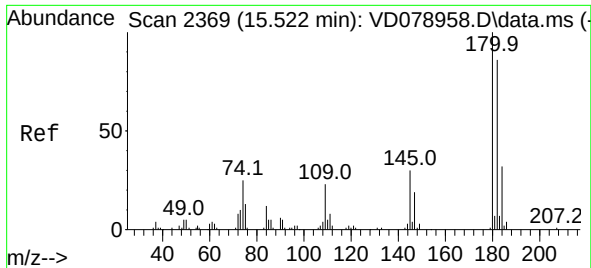
Tgt Ion:180 Resp: 4836
Ion Ratio Lower Upper
180 100
182 85.2 76.4 114.6
145 24.9 22.8 34.2



#71
Naphthalene
Concen: 1.429 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

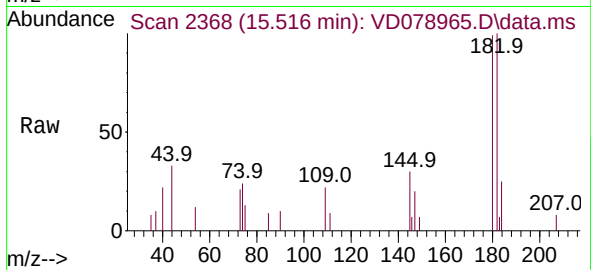
Tgt Ion:128 Resp: 7293
Ion Ratio Lower Upper
128 100
127 16.9 10.3 15.5#
129 3.1 8.6 12.8#





#72
1,2,3-Trichlorobenzene
Concen: 1.276 ug/L
RT: 15.516 min Scan# 24
Delta R.T. -0.006 min
Lab File: VD078965.D
Acq: 17 May 2024 16:31

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:180 Resp: 2983
Ion Ratio Lower Upper
180 100
182 134.1 77.2 115.8#
145 36.9 24.4 36.6#

