

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070924\
 Data File : VD079363.D
 Acq On : 09 Jul 2024 16:02
 Operator : RP/MD
 Sample : P3167-14
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 09 16:54:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

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

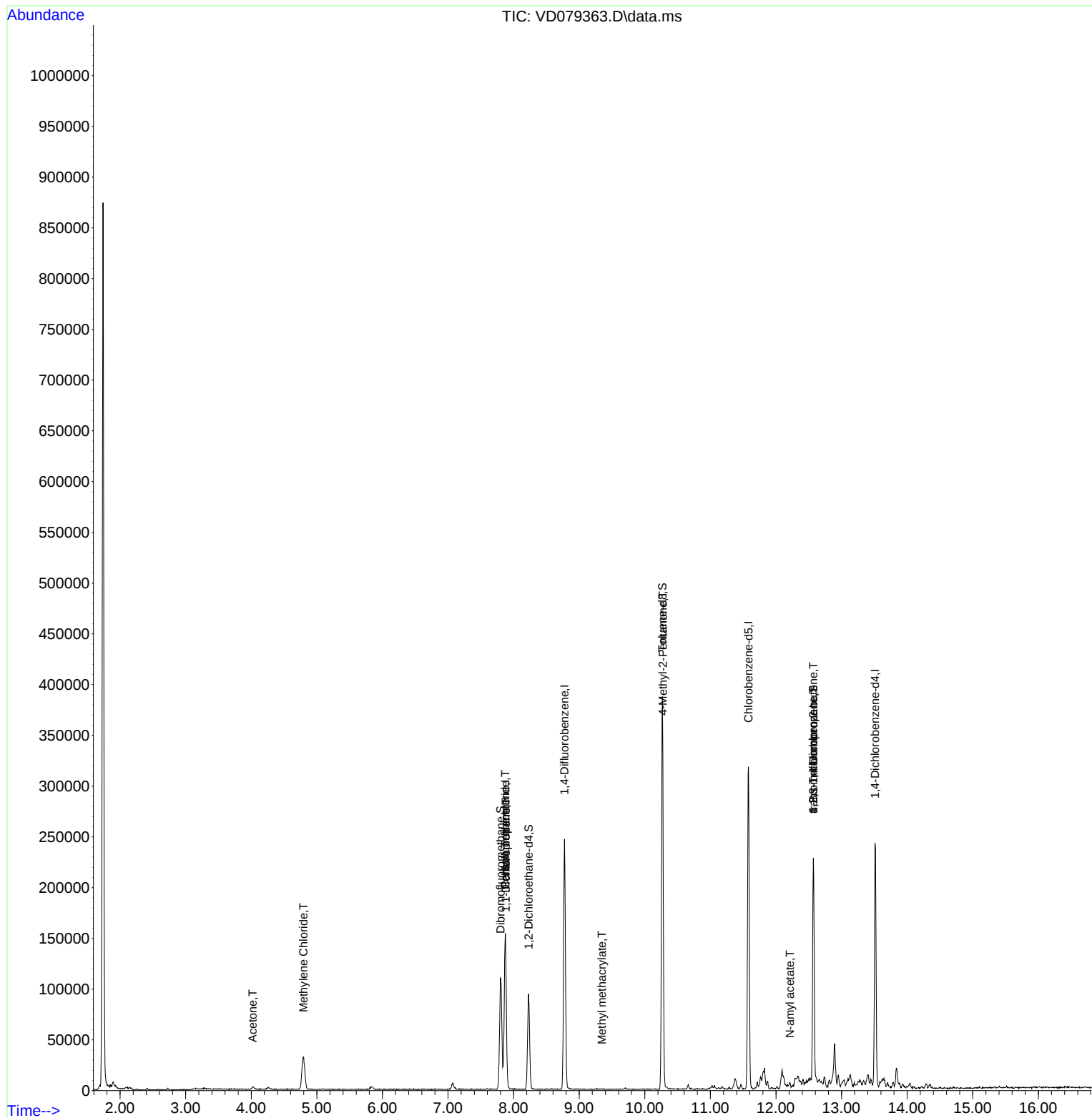
Internal Standards						
1) Pentafluorobenzene	7.875	168	112369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	215916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	197455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	64578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71950	54.335	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.660%			
35) Dibromofluoromethane	7.799	113	82004	53.835	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.680%			
50) Toluene-d8	10.269	98	279744	47.642	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.280%			
62) 4-Bromofluorobenzene	12.569	95	77122	42.258	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 84.520%			
Target Compounds						
5) Bromomethane	2.687	94	79	Below Cal		92
16) Acetone	4.022	43	3604	14.310	ug/l	99
20) Methylene Chloride	4.793	84	27633	6.666	ug/l	94
36) 1,1-Dichloropropene	7.881	75	9966	5.150	ug/l #	44
38) Carbon Tetrachloride	7.875	117	13045	6.404	ug/l #	17
48) Methyl methacrylate	9.346	41	77	2.577	ug/l #	14
51) 4-Methyl-2-Pentanone	10.275	43	1048	1.278	ug/l #	1
74) N-amyl acetate	12.210	43	1388	1.433	ug/l #	78
76) 1,2,3-Trichloropropane	12.569	75	35865	57.803	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	35865	108.984	ug/l #	19

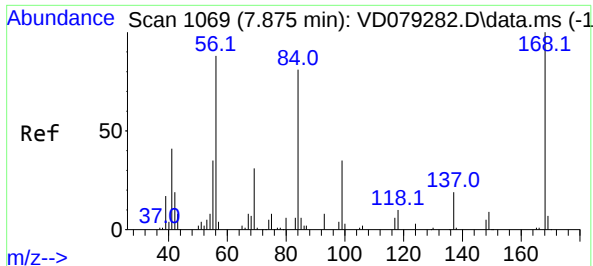
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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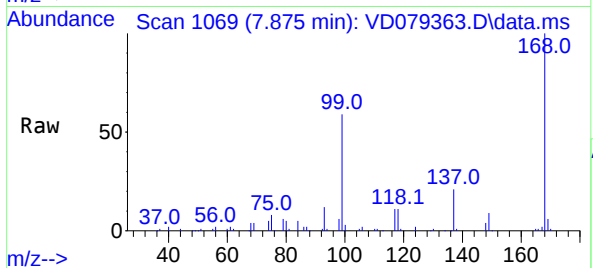
Quant Time: Jul 09 16:54:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
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QLast Update : Mon Jul 08 17:06:59 2024
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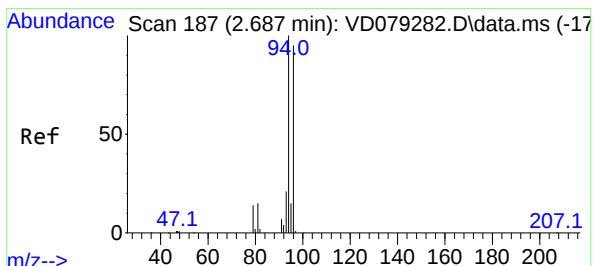
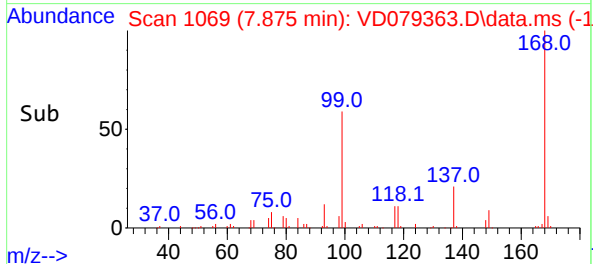
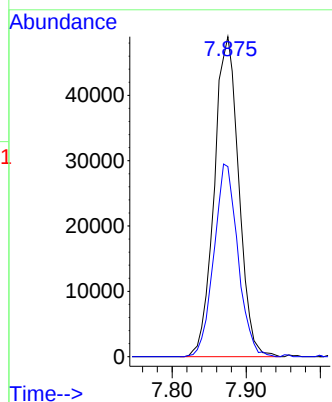


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

Instrument :
MSVOA_D
ClientSampleId :

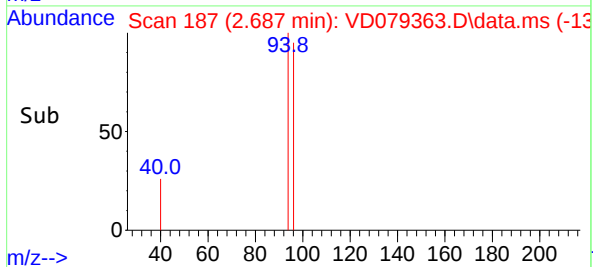
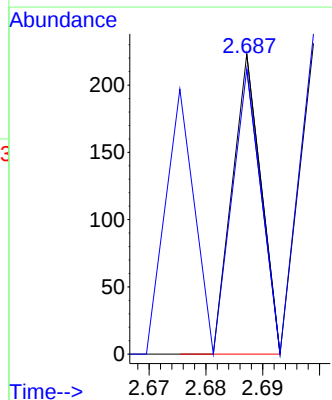
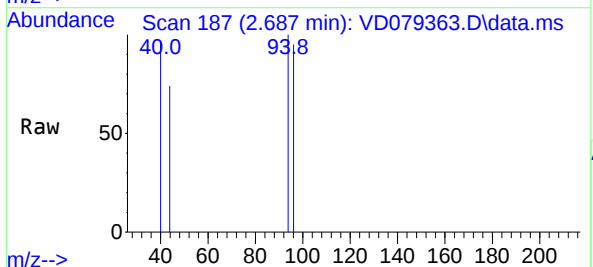


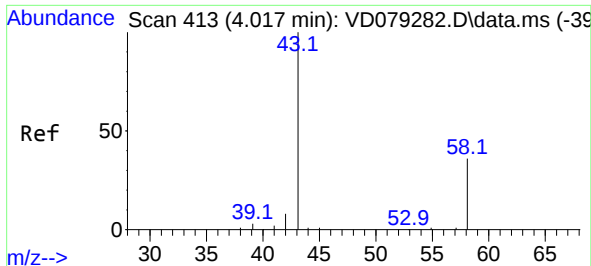
Tgt Ion:168 Resp: 112369
Ion Ratio Lower Upper
168 100
99 59.4 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.687 min Scan# 187
Delta R.T. 0.029 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

Tgt Ion: 94 Resp: 79
Ion Ratio Lower Upper
94 100
96 88.6 76.9 115.3

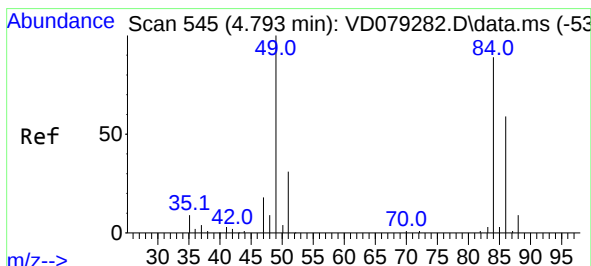
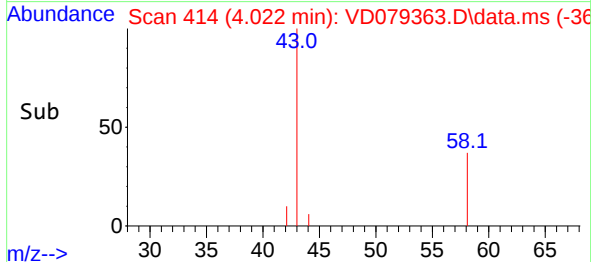
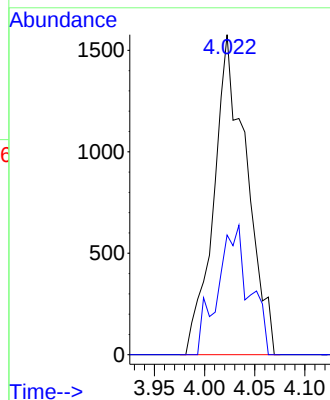
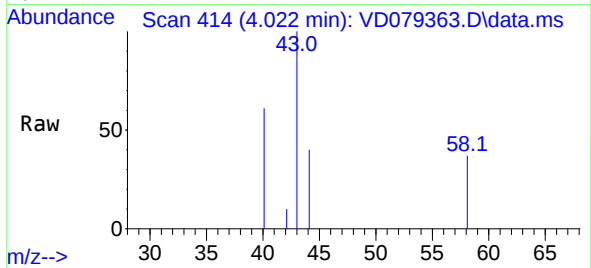




#16
Acetone
Concen: 14.310 ug/l
RT: 4.022 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

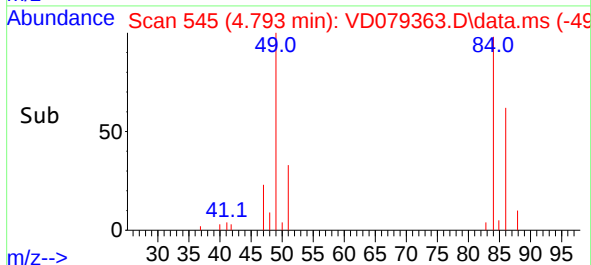
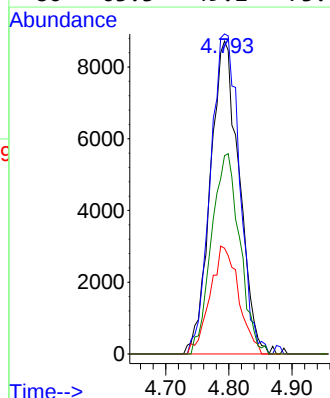
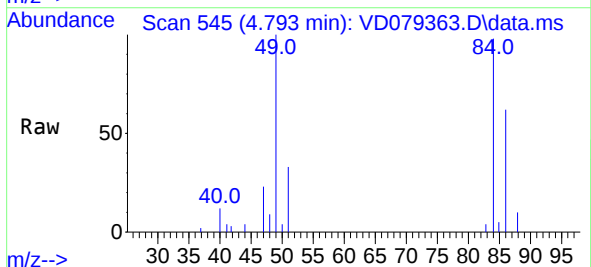
Instrument :
MSVOA_D
ClientSampleId :

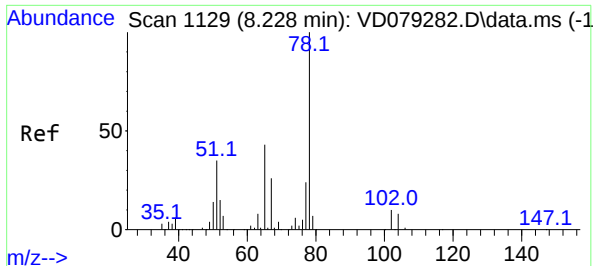
Tgt Ion: 43 Resp: 3604
Ion Ratio Lower Upper
43 100
58 37.4 30.4 45.6



#20
Methylene Chloride
Concen: 6.666 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

Tgt Ion: 84 Resp: 27633
Ion Ratio Lower Upper
84 100
49 102.3 75.6 113.4
51 33.8 24.2 36.2
86 63.3 49.2 73.8

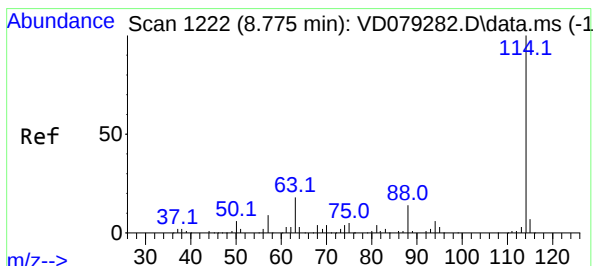
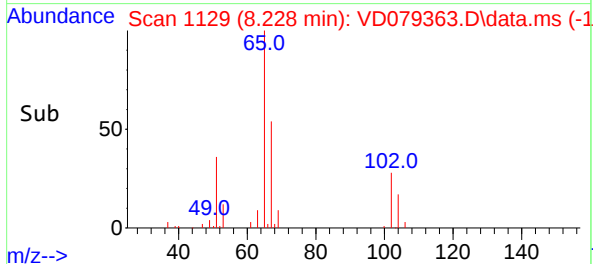
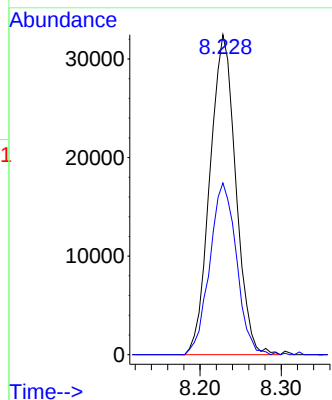
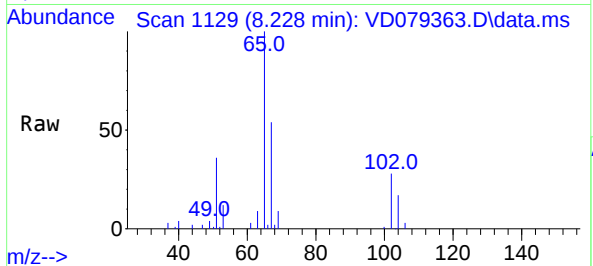




#33
1,2-Dichloroethane-d4
Concen: 54.335 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

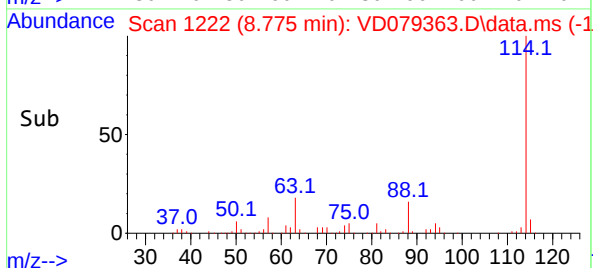
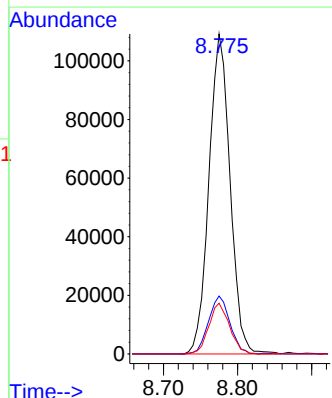
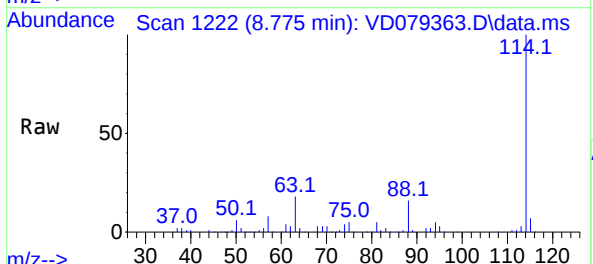
Instrument :
MSVOA_D
ClientSampleId :

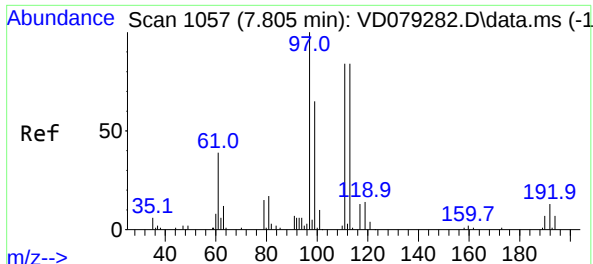
Tgt Ion: 65 Resp: 71950
Ion Ratio Lower Upper
65 100
67 55.4 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

Tgt Ion:114 Resp: 215916
Ion Ratio Lower Upper
114 100
63 18.1 0.0 34.0
88 15.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.835 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

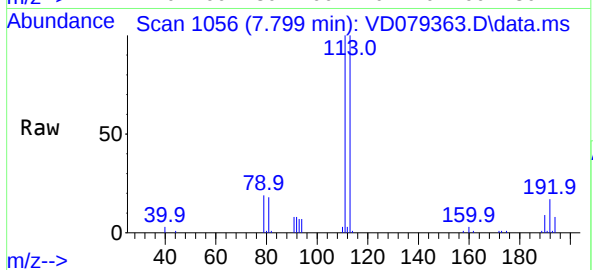
Lab File: VD079363.D

Acq: 09 Jul 2024 16:02

Instrument :

MSVOA_D

ClientSampleId :



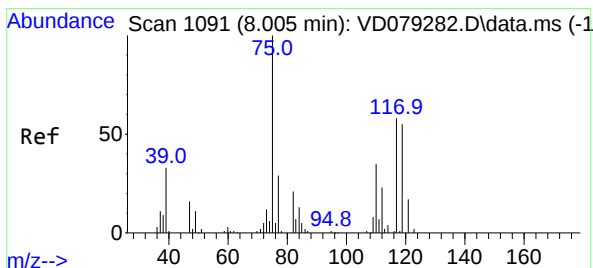
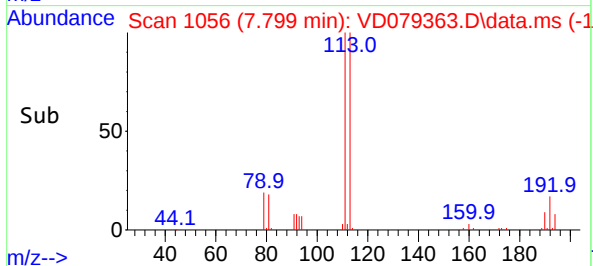
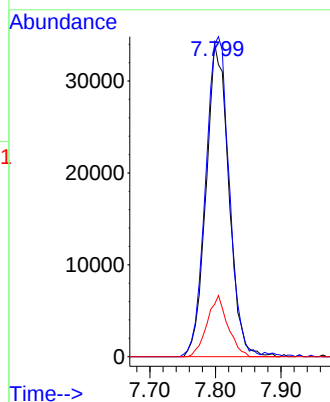
Tgt Ion:113 Resp: 82004

Ion Ratio Lower Upper

113 100

111 105.9 84.0 126.0

192 17.8 15.4 23.0



#36

1,1-Dichloropropene

Concen: 5.150 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.124 min

Lab File: VD079363.D

Acq: 09 Jul 2024 16:02

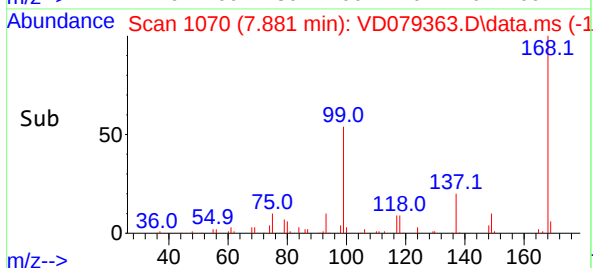
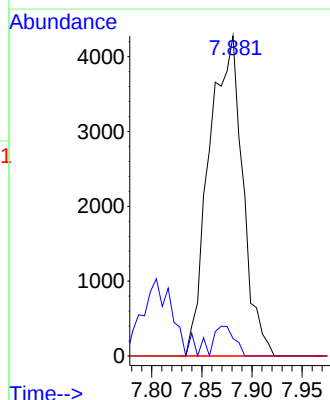
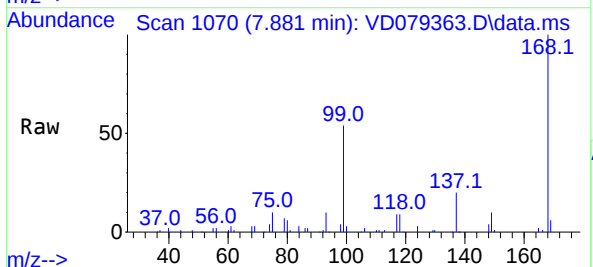
Tgt Ion: 75 Resp: 9966

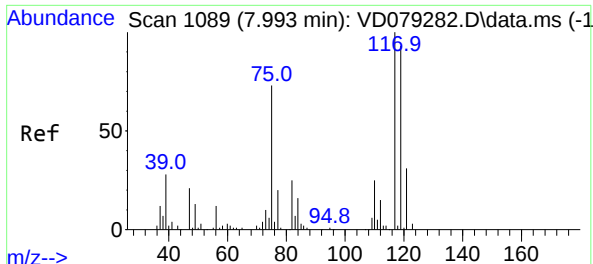
Ion Ratio Lower Upper

75 100

110 5.4 19.6 58.7#

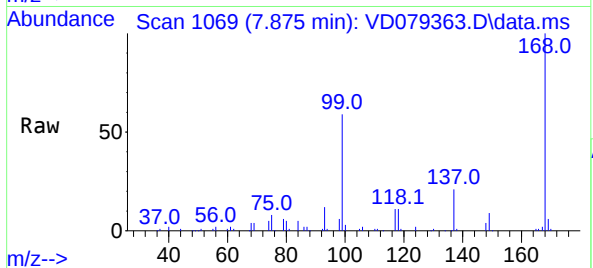
77 0.0 26.1 39.1#



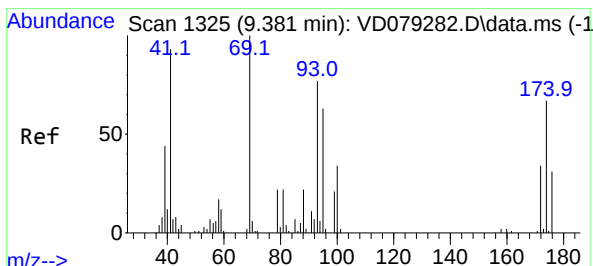
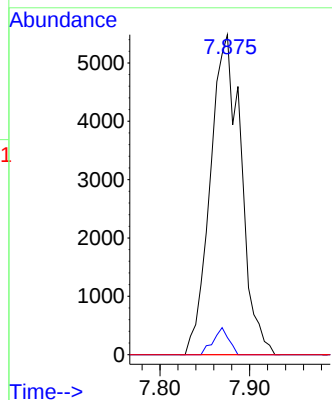
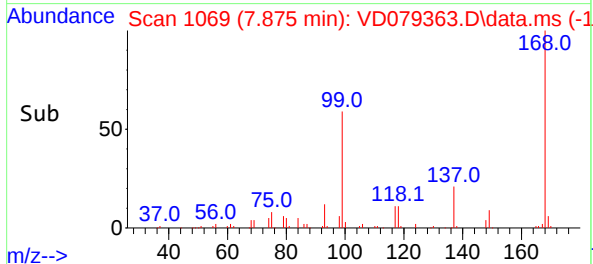


#38
Carbon Tetrachloride
Concen: 6.404 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

Instrument :
MSVOA_D
ClientSampleId :

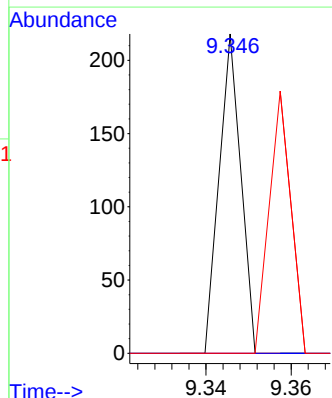
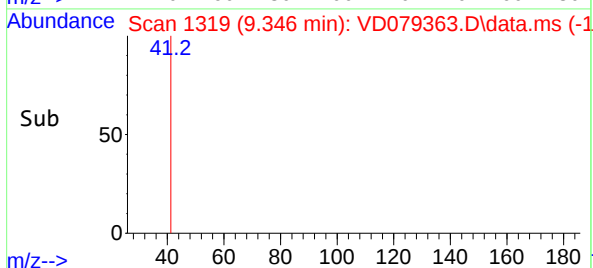
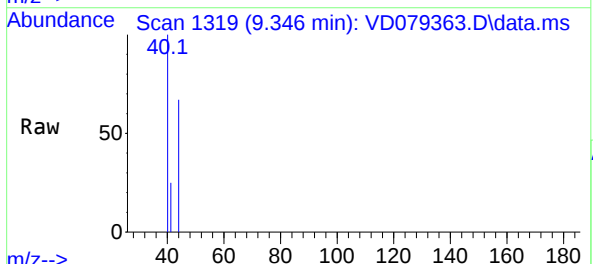


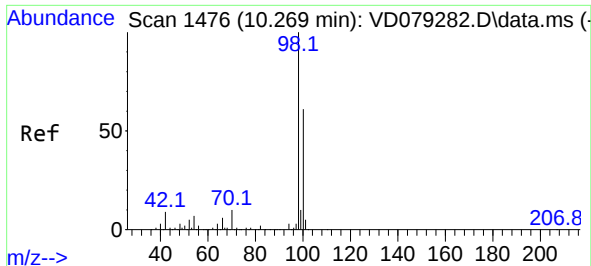
Tgt Ion:117 Resp: 13045
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.0#
121 0.0 25.0 37.4#



#48
Methyl methacrylate
Concen: 2.577 ug/l
RT: 9.346 min Scan# 1319
Delta R.T. -0.029 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

Tgt Ion: 41 Resp: 77
Ion Ratio Lower Upper
41 100
69 0.0 96.7 145.1#
39 81.8 43.8 65.6#

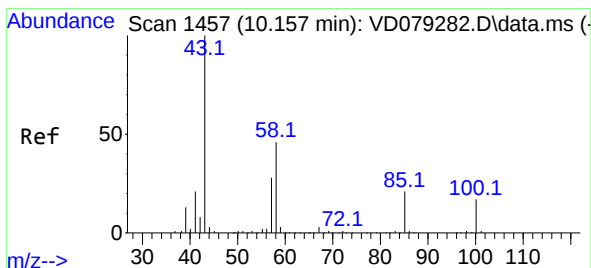
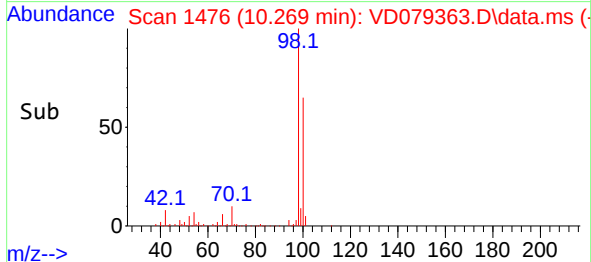
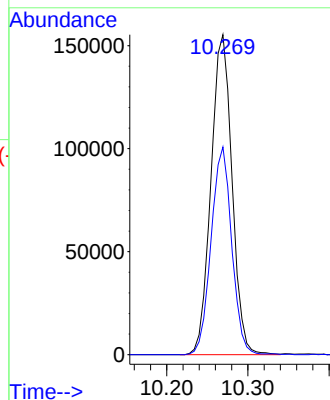
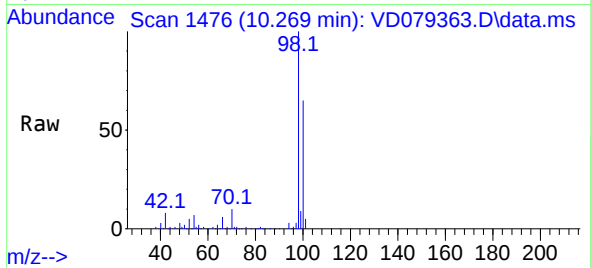




#50
Toluene-d8
Concen: 47.642 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

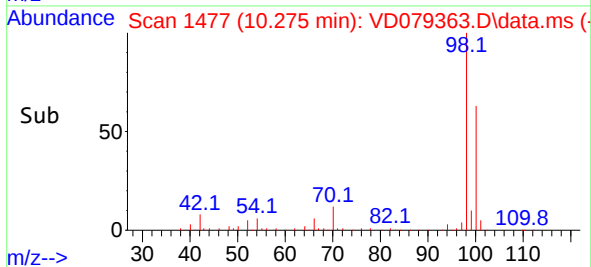
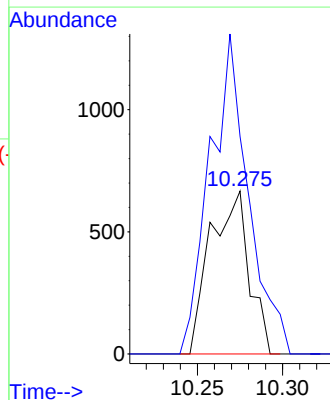
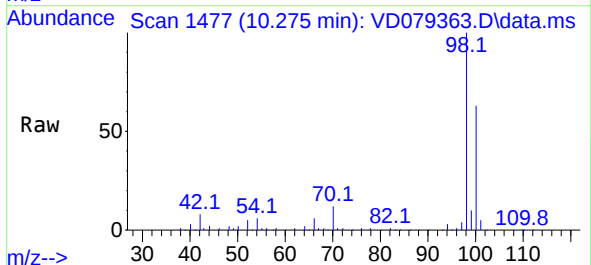
Instrument :
MSVOA_D
ClientSampleId :

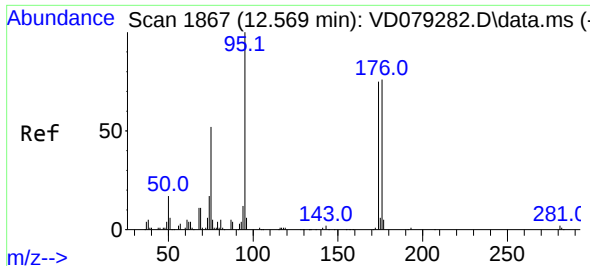
Tgt Ion: 98 Resp: 279744
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.278 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

Tgt Ion: 43 Resp: 1048
Ion Ratio Lower Upper
43 100
58 196.0 36.6 55.0#

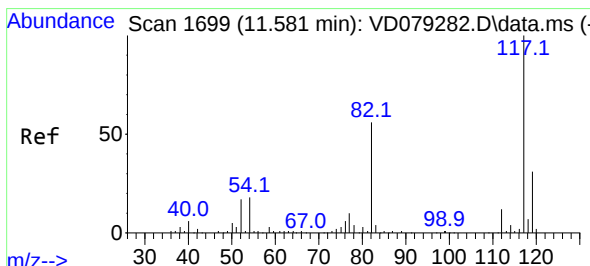
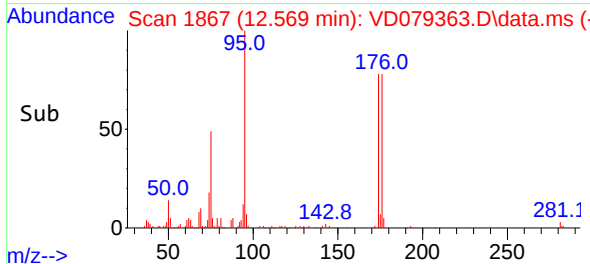
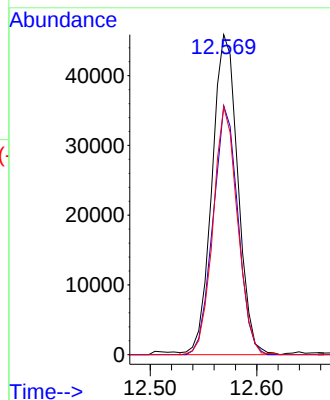
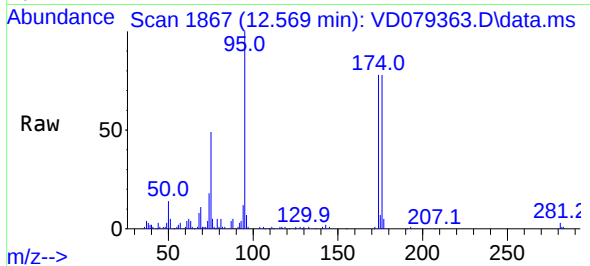




#62
4-Bromofluorobenzene
Concen: 42.258 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

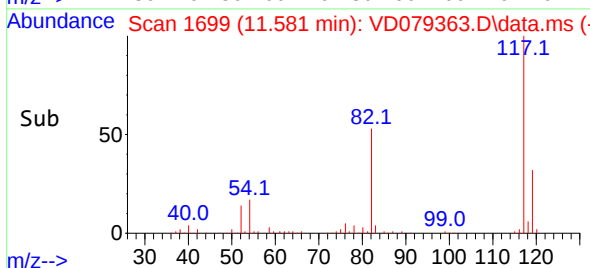
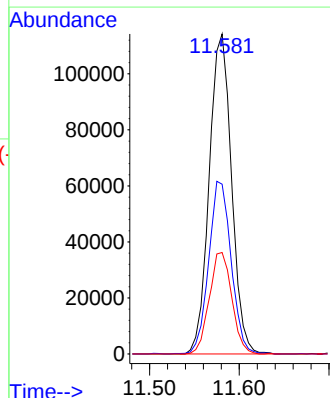
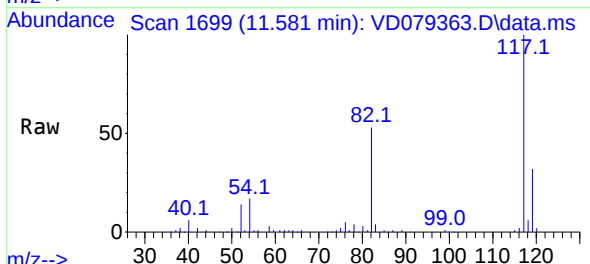
Instrument :
MSVOA_D
ClientSampleId :

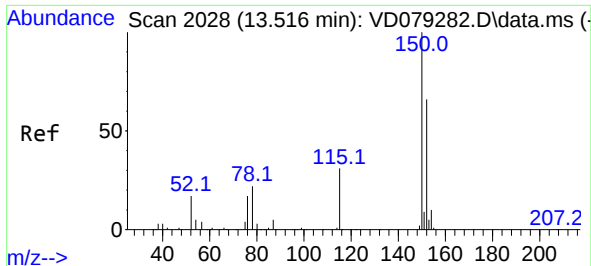
Tgt Ion: 95 Resp: 77122
Ion Ratio Lower Upper
95 100
174 74.8 0.0 195.4
176 73.4 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

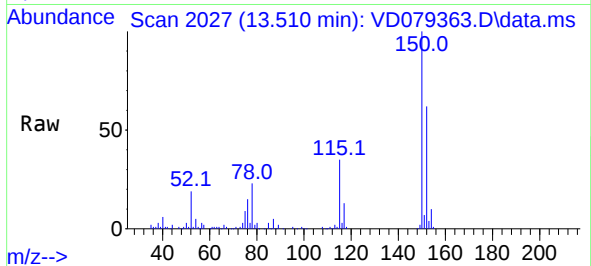
Tgt Ion: 117 Resp: 197455
Ion Ratio Lower Upper
117 100
82 53.0 39.8 59.6
119 31.7 25.7 38.5



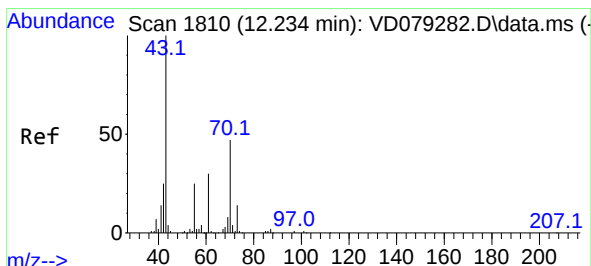
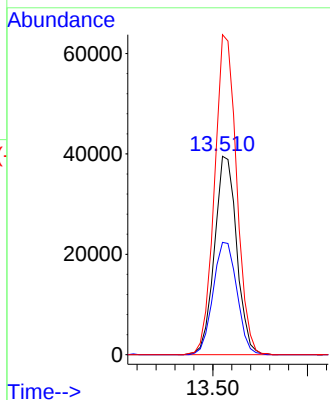
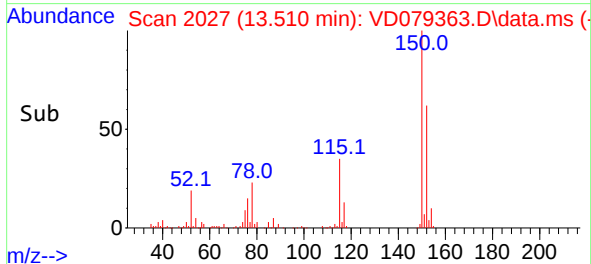


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

Instrument :
MSVOA_D
ClientSampleId :

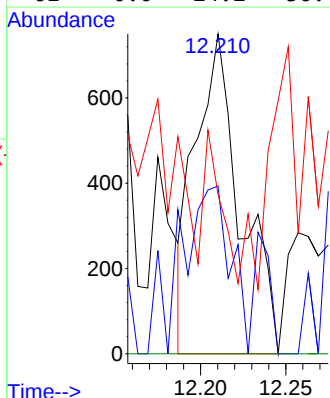
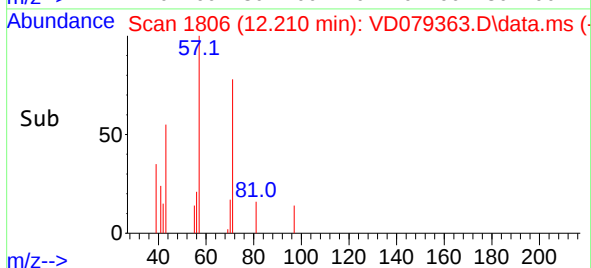
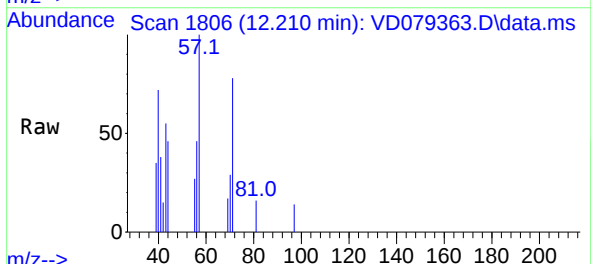


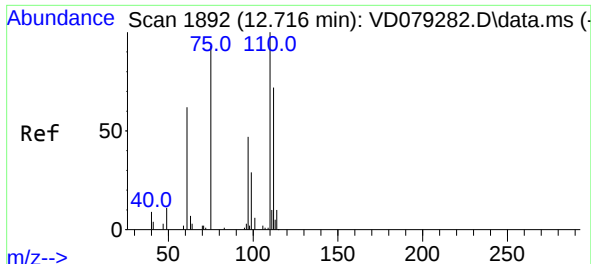
Tgt Ion:152 Resp: 64578
Ion Ratio Lower Upper
152 100
115 60.6 26.5 79.5
150 160.1 0.0 341.6



#74
N-ethyl acetate
Concen: 1.433 ug/l
RT: 12.210 min Scan# 1806
Delta R.T. -0.018 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

Tgt Ion: 43 Resp: 1388
Ion Ratio Lower Upper
43 100
70 58.8 44.3 66.5
55 17.5 23.2 34.8#
61 0.0 24.2 36.4#

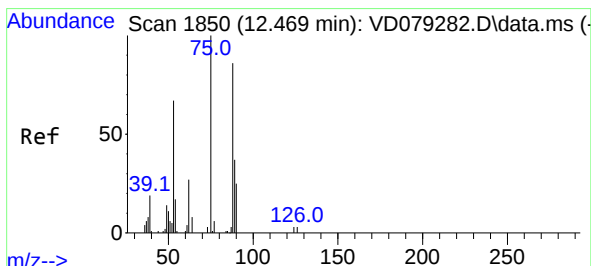
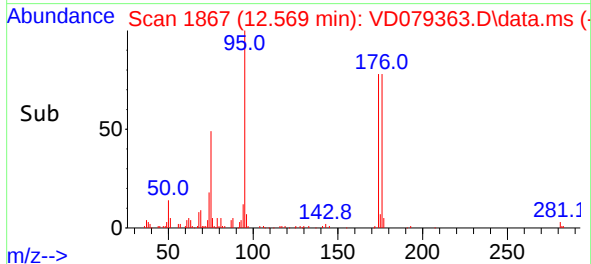
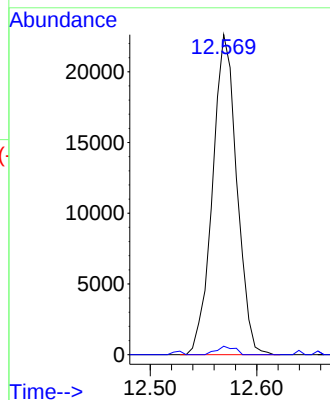
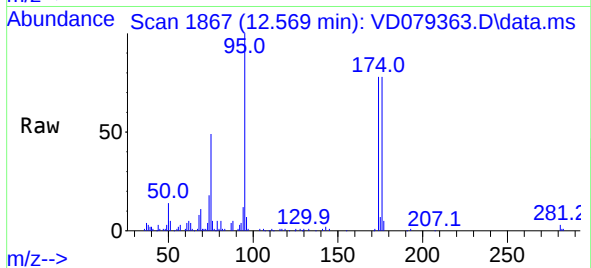




#76
1,2,3-Trichloropropane
Concen: 57.803 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 35865
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.984 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

Tgt Ion: 75 Resp: 35865
Ion Ratio Lower Upper
75 100
53 0.1 61.4 92.2#
89 0.0 35.4 53.0#

