

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078440.D
 Acq On : 15 Feb 2024 17:13
 Operator : RP/MD
 Sample : P1471-03
 Misc : 5.05G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 30984

Quant Time: Feb 16 02:38:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

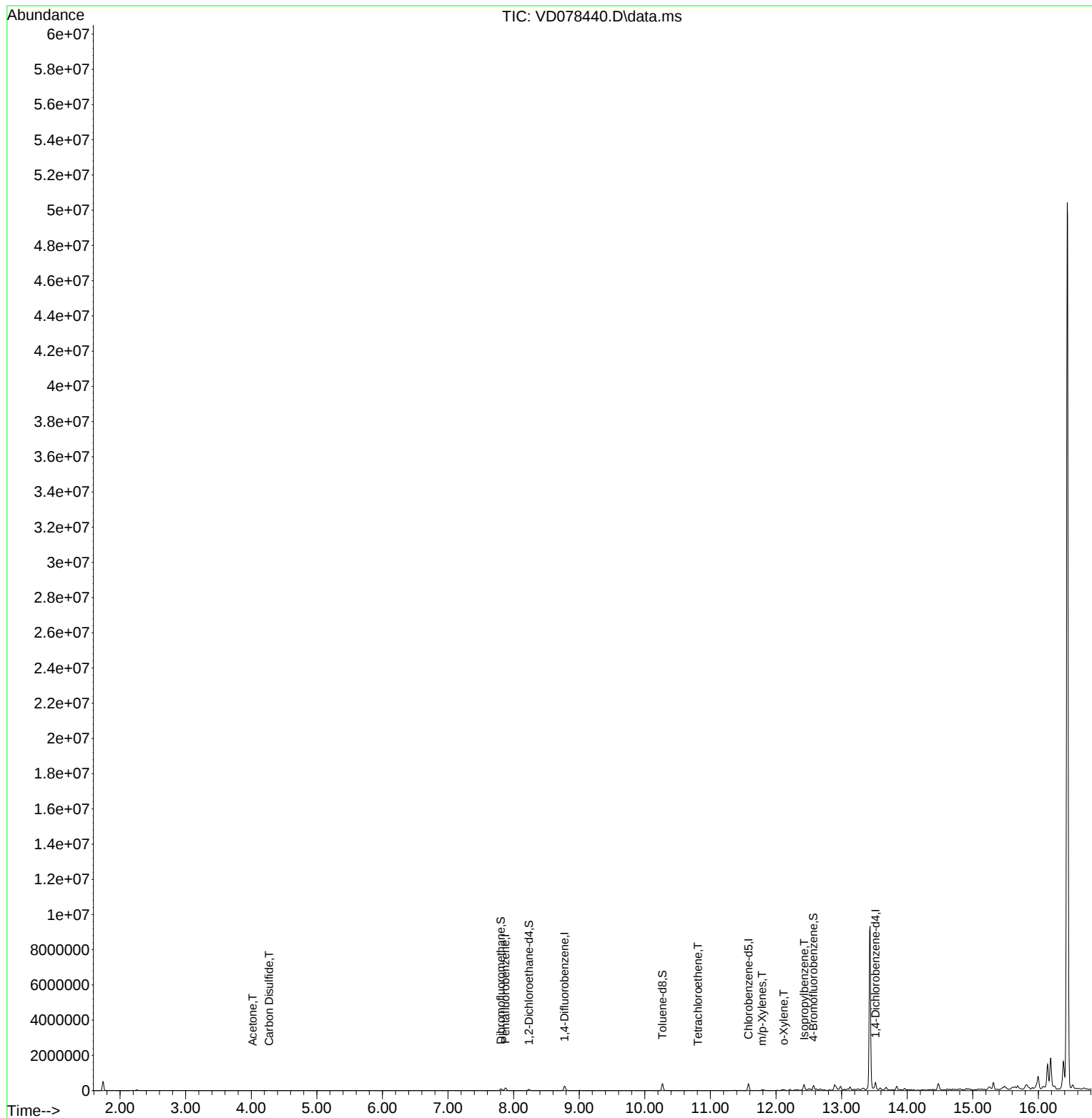
Internal Standards						
1) Pentafluorobenzene	7.875	168	117646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	238931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	227909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54118	42.544	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.080%
35) Dibromofluoromethane	7.805	113	71641	47.203	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.400%
50) Toluene-d8	10.269	98	273966	45.125	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.240%
62) 4-Bromofluorobenzene	12.569	95	85989	48.670	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.340%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	15460	42.532	ug/l #	80
17) Carbon Disulfide	4.269	76	15855	3.674	ug/l	98
64) Tetrachloroethene	10.810	164	1678	1.166	ug/l #	65
68) m/p-Xylenes	11.787	106	5242	1.637	ug/l	88
69) o-Xylene	12.116	106	6421	2.197	ug/l	83
73) Isopropylbenzene	12.428	105	13767	2.287	ug/l #	64

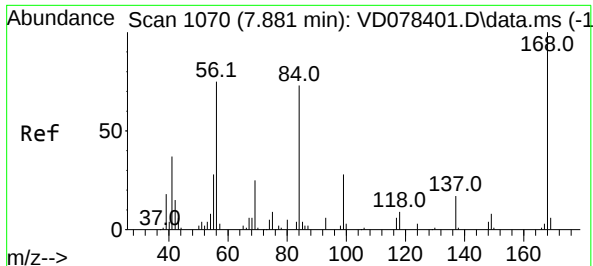
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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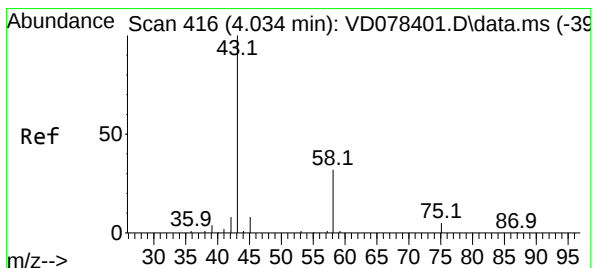
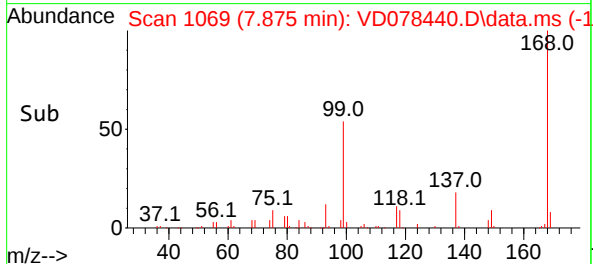
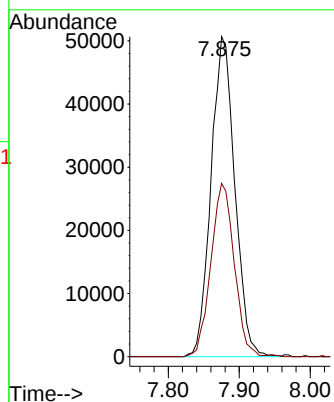
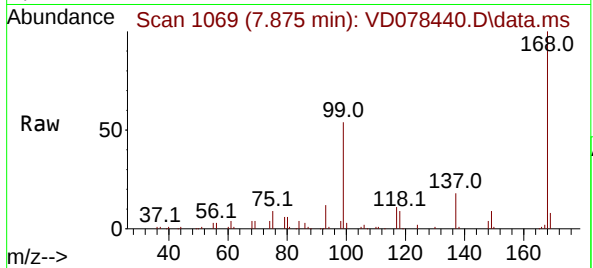




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD078440.D
Acq: 15 Feb 2024 17:13

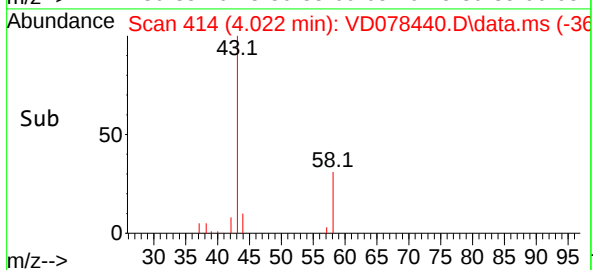
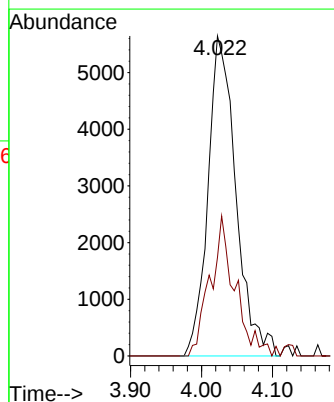
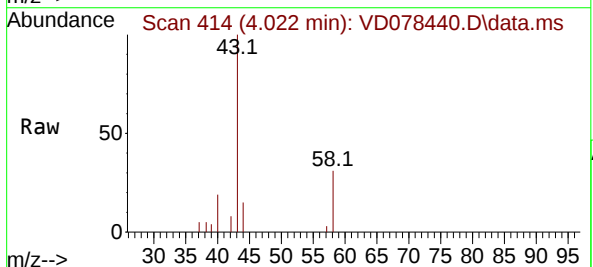
Instrument :
MSVOA_D
ClientSampleId :
30984

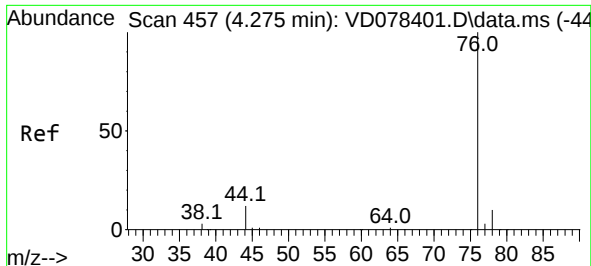
Tgt Ion:168 Resp: 117646
Ion Ratio Lower Upper
168 100
99 54.2 36.7 55.1



#16
Acetone
Concen: 42.532 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078440.D
Acq: 15 Feb 2024 17:13

Tgt Ion: 43 Resp: 15460
Ion Ratio Lower Upper
43 100
58 30.8 34.7 52.1#

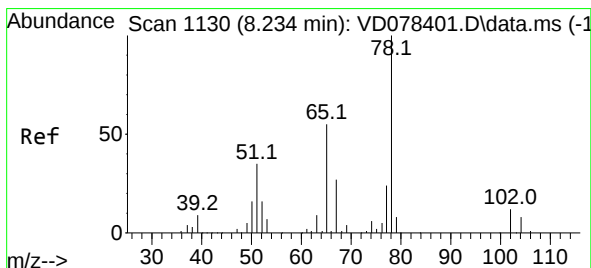
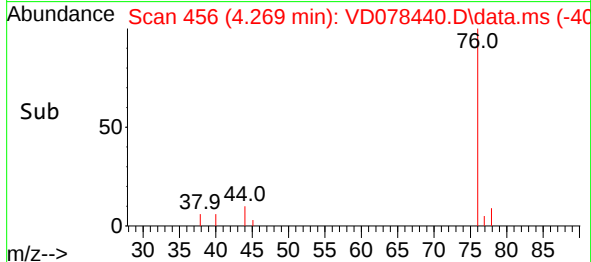
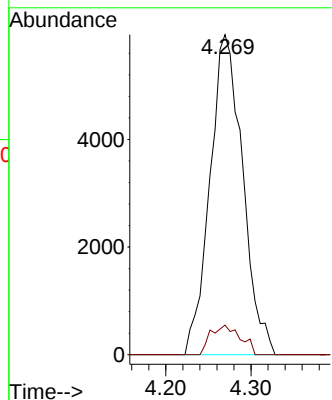
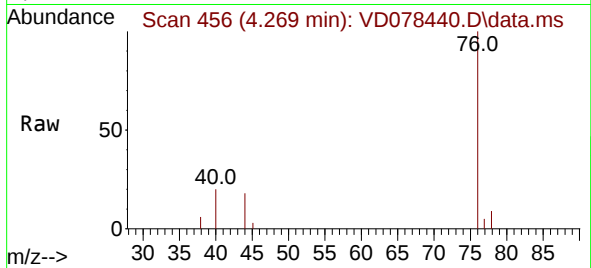




#17
Carbon Disulfide
Concen: 3.674 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078440.D
Acq: 15 Feb 2024 17:13

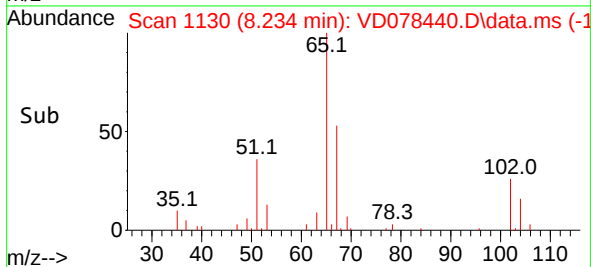
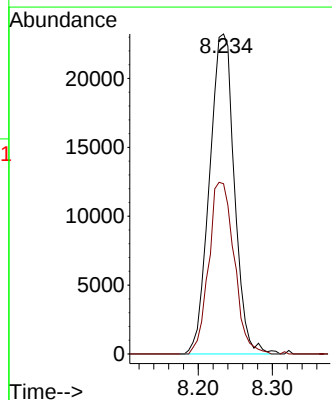
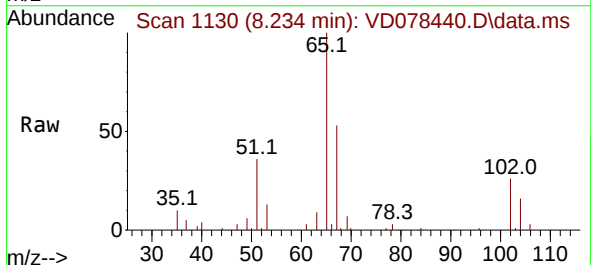
Instrument :
MSVOA_D
ClientSampleId :
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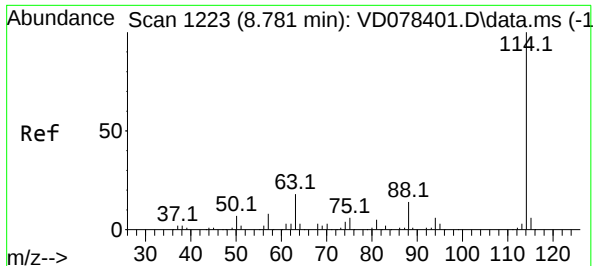
Tgt Ion: 76 Resp: 15855
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#33
1,2-Dichloroethane-d4
Concen: 42.544 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078440.D
Acq: 15 Feb 2024 17:13

Tgt Ion: 65 Resp: 54118
Ion Ratio Lower Upper
65 100
67 54.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078440.D

Acq: 15 Feb 2024 17:13

Instrument :

MSVOA_D

ClientSampleId :

30984

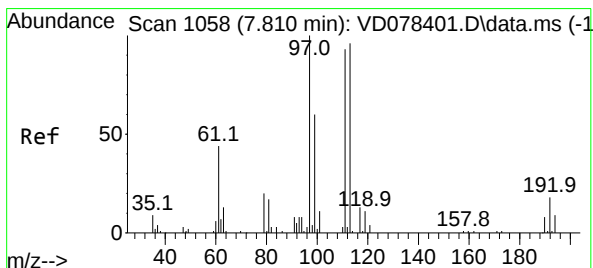
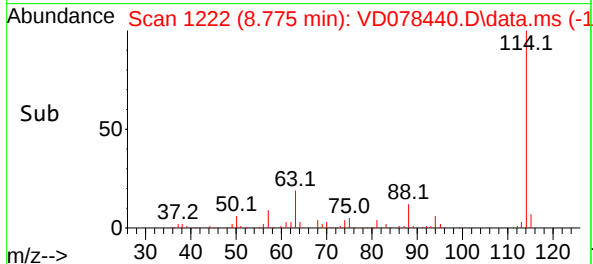
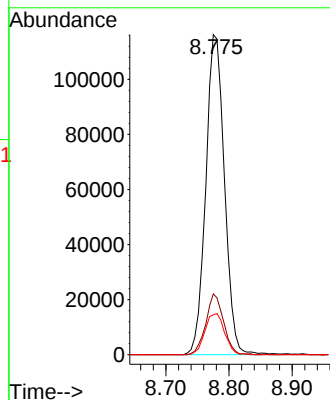
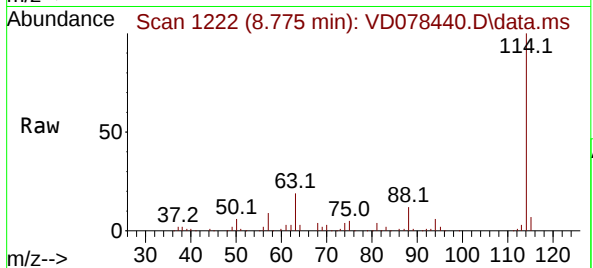
Tgt Ion:114 Resp: 238931

Ion Ratio Lower Upper

114 100

63 19.0 0.0 33.4

88 12.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.203 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078440.D

Acq: 15 Feb 2024 17:13

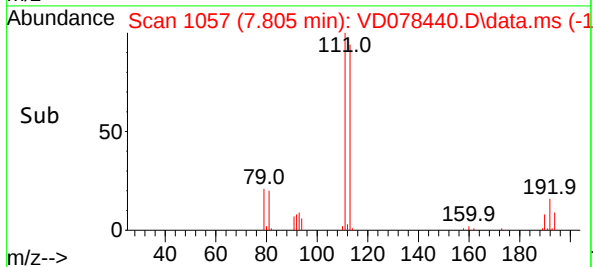
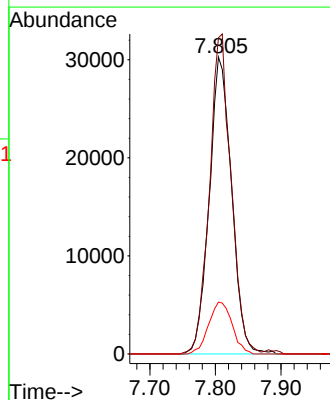
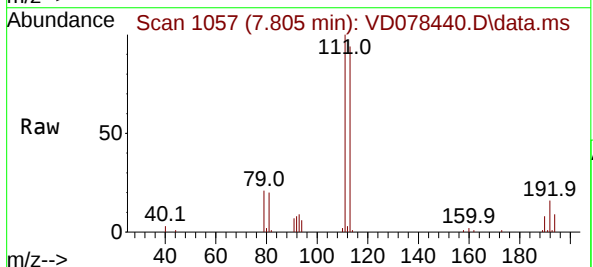
Tgt Ion:113 Resp: 71641

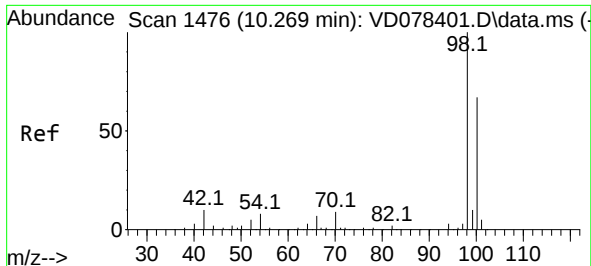
Ion Ratio Lower Upper

113 100

111 104.3 84.7 127.1

192 18.4 16.8 25.2

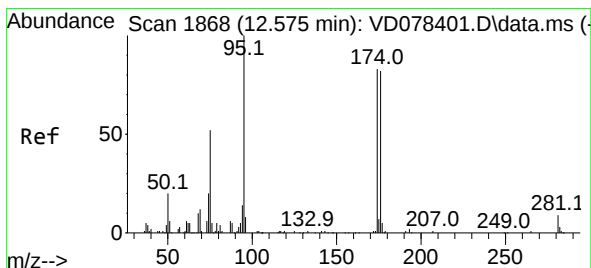
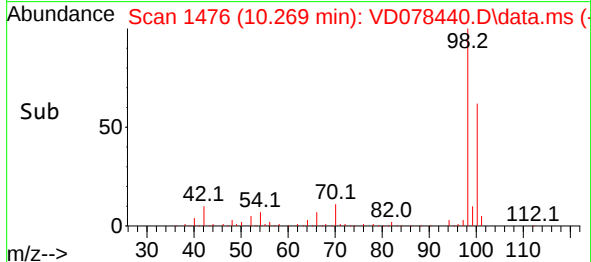
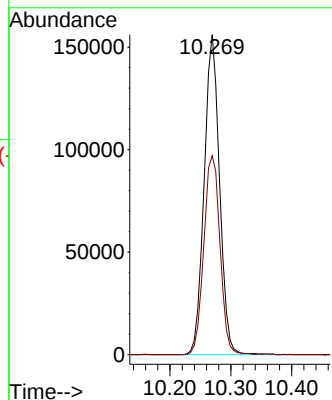
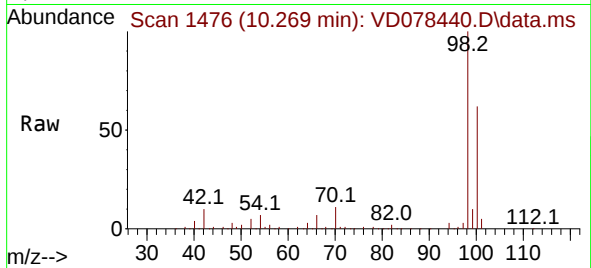




#50
Toluene-d8
Concen: 45.125 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078440.D
Acq: 15 Feb 2024 17:13

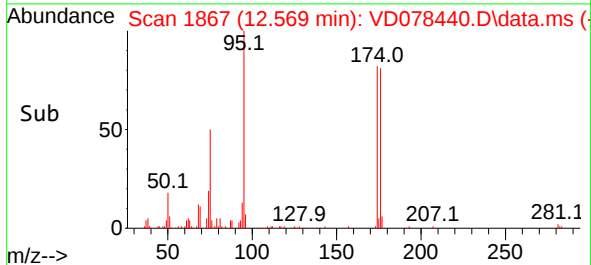
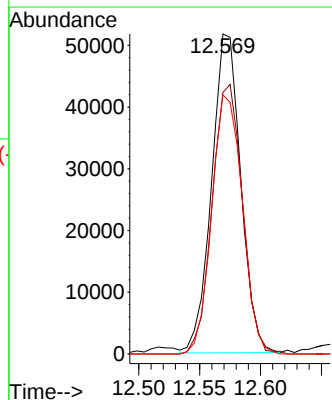
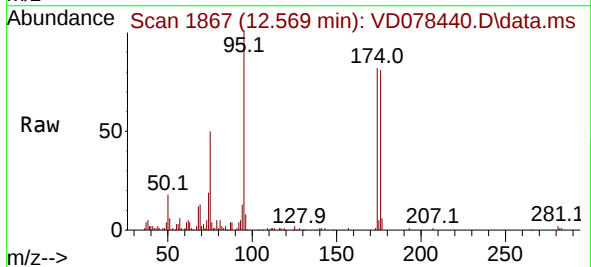
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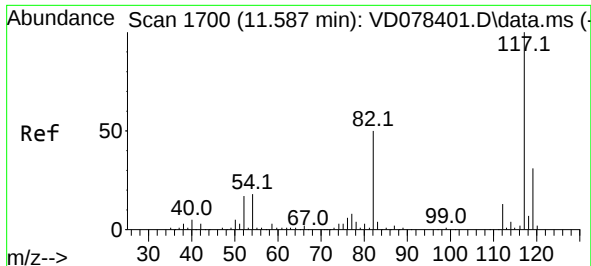
Tgt Ion: 98 Resp: 273966
Ion Ratio Lower Upper
98 100
100 65.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.670 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078440.D
Acq: 15 Feb 2024 17:13

Tgt Ion: 95 Resp: 85989
Ion Ratio Lower Upper
95 100
174 87.5 0.0 201.8
176 85.5 0.0 191.8

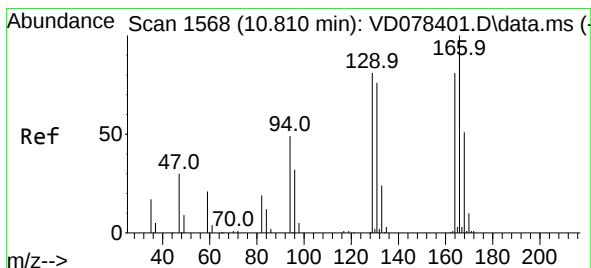
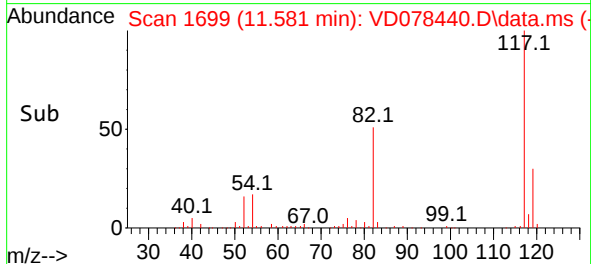
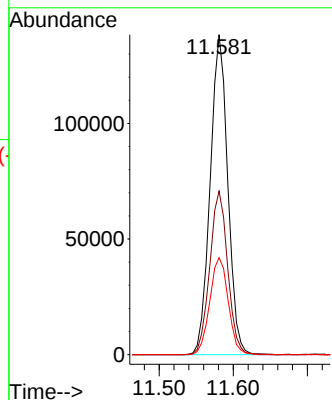
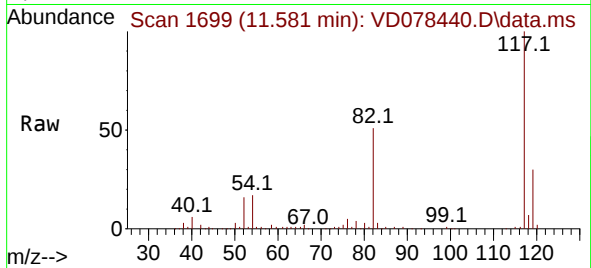




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD078440.D
Acq: 15 Feb 2024 17:13

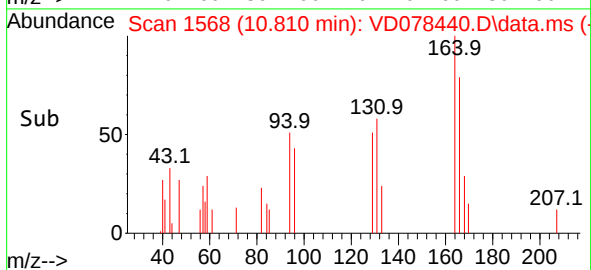
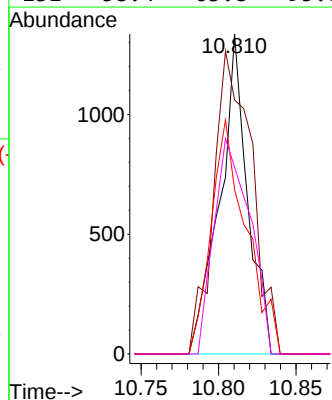
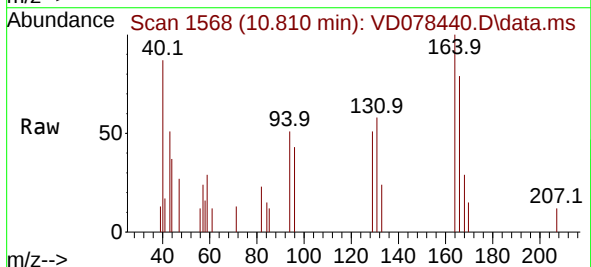
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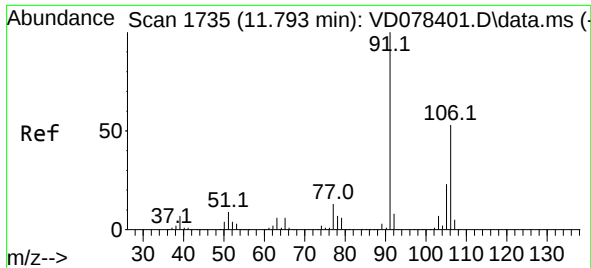
Tgt Ion:117 Resp: 227909
Ion Ratio Lower Upper
117 100
82 51.1 38.3 57.5
119 30.3 25.0 37.4



#64
Tetrachloroethene
Concen: 1.166 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078440.D
Acq: 15 Feb 2024 17:13

Tgt Ion:164 Resp: 1678
Ion Ratio Lower Upper
164 100
166 79.4 99.2 148.8#
129 51.4 68.4 102.6#
131 58.4 63.8 95.8#

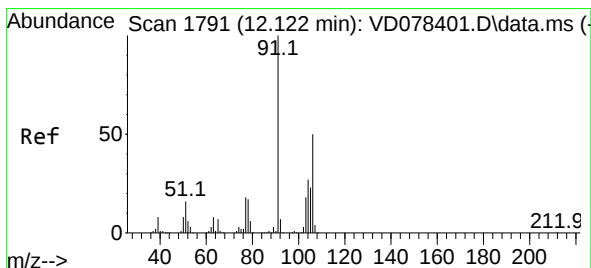
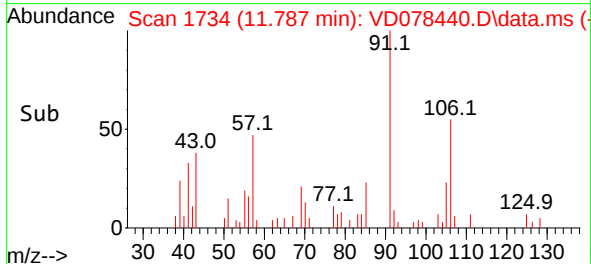
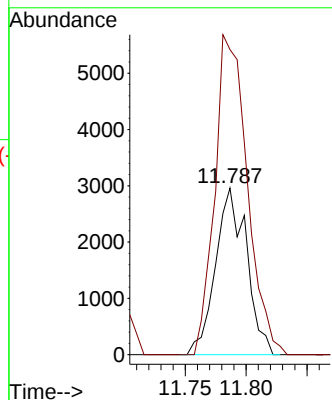
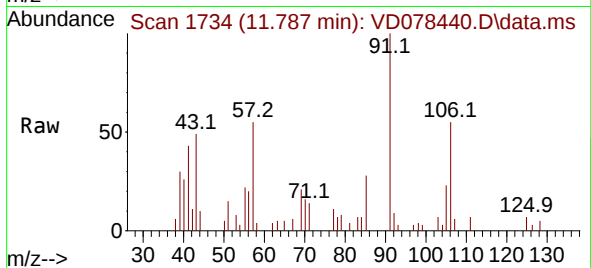




#68
m/p-Xylenes
Concen: 1.637 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD078440.D
Acq: 15 Feb 2024 17:13

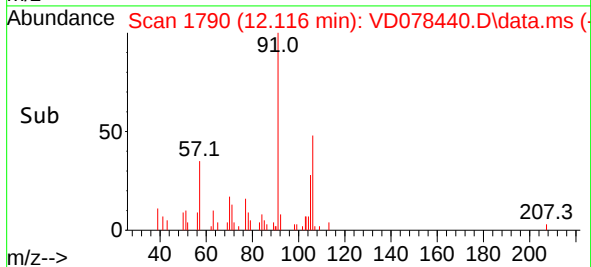
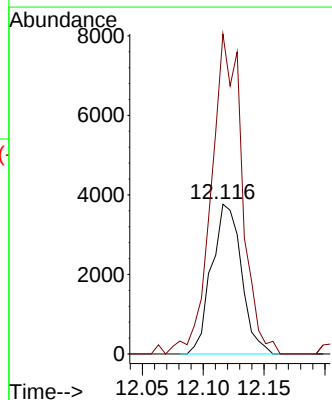
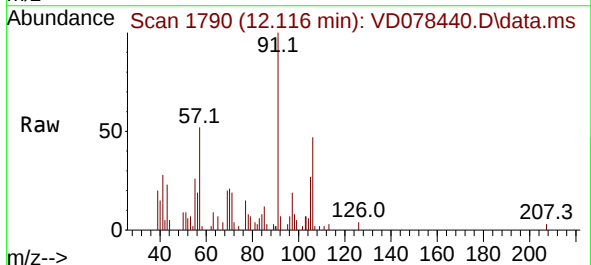
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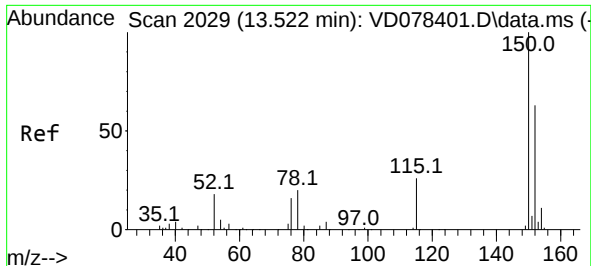
Tgt Ion:106 Resp: 5242
Ion Ratio Lower Upper
106 100
91 200.9 147.0 220.6



#69
o-Xylene
Concen: 2.197 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078440.D
Acq: 15 Feb 2024 17:13

Tgt Ion:106 Resp: 6421
Ion Ratio Lower Upper
106 100
91 221.8 97.9 293.6

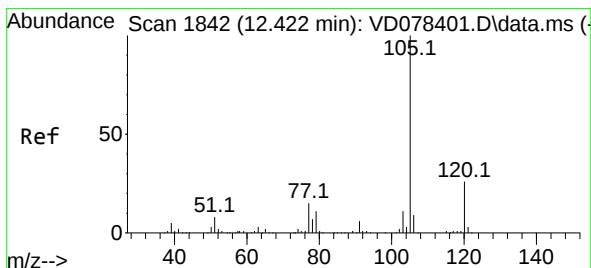
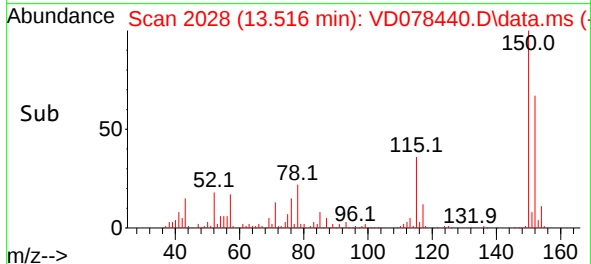
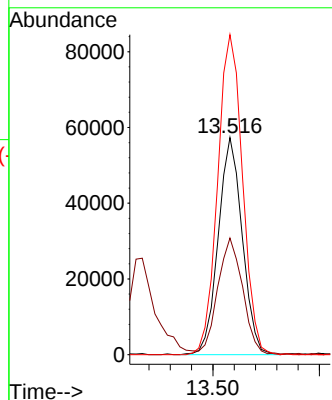
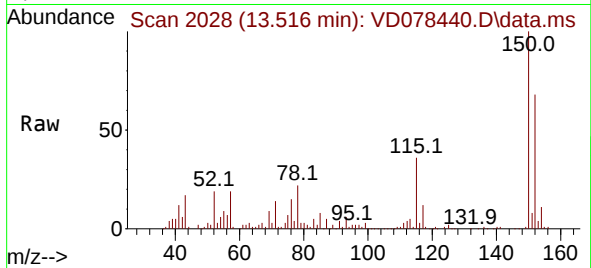




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078440.D
Acq: 15 Feb 2024 17:13

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:152 Resp: 89631
Ion Ratio Lower Upper
152 100
115 56.0 27.1 81.3
150 152.8 0.0 353.6



#73
Isopropylbenzene
Concen: 2.287 ug/l
RT: 12.428 min Scan# 1843
Delta R.T. 0.006 min
Lab File: VD078440.D
Acq: 15 Feb 2024 17:13

Tgt Ion:105 Resp: 13767
Ion Ratio Lower Upper
105 100
120 9.2 14.3 42.9#

