

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076240.D
 Acq On : 25 May 2023 18:38
 Operator : KP/SY
 Sample : 02868-21
 Misc : 5.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP17

Quant Time: May 26 02:00:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

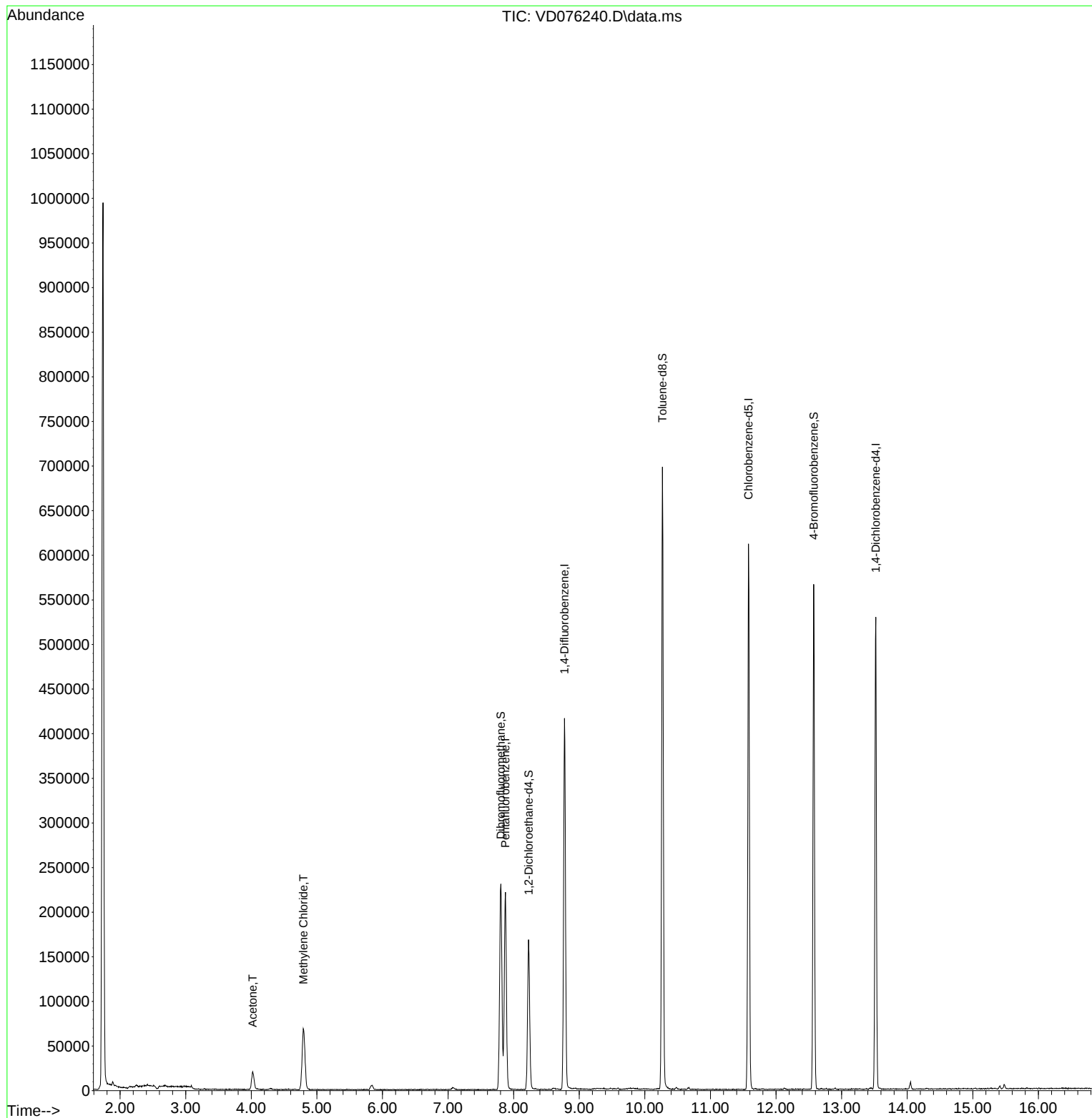
Internal Standards						
1) Pentafluorobenzene	7.875	168	178830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	393821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	379900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	149218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	124929	72.282	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.560%	
35) Dibromofluoromethane	7.804	113	172612	63.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.820%	
50) Toluene-d8	10.269	98	501647	47.273	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.540%	
62) 4-Bromofluorobenzene	12.575	95	170683	57.902	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.800%	
Target Compounds						Qvalue
16) Acetone	4.022	43	33127	96.334	ug/l	89
20) Methylene Chloride	4.793	84	59107	15.178	ug/l #	77

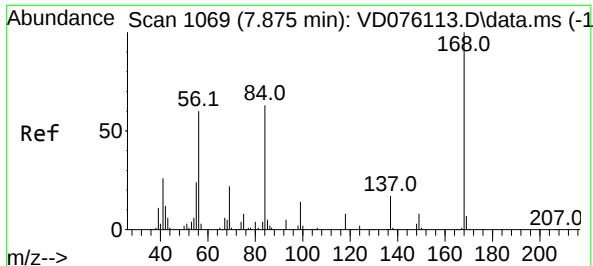
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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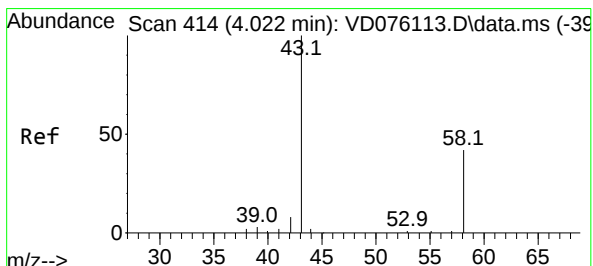
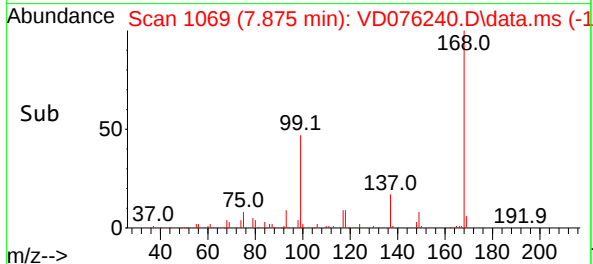
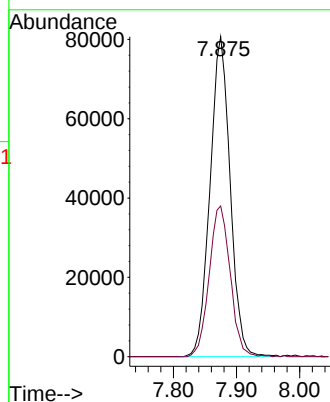
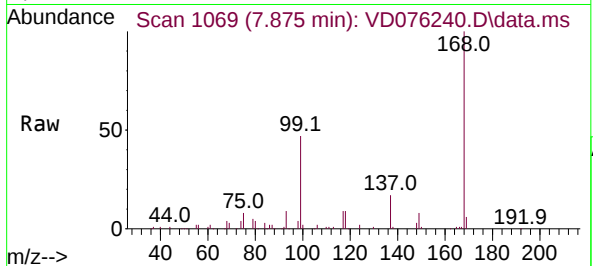




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076240.D
Acq: 25 May 2023 18:38

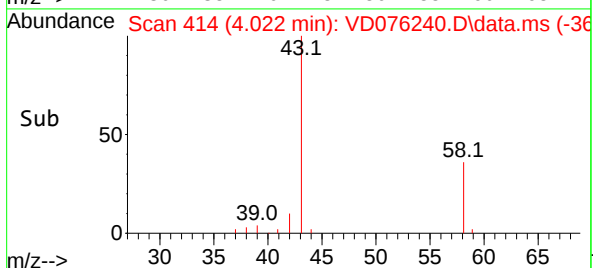
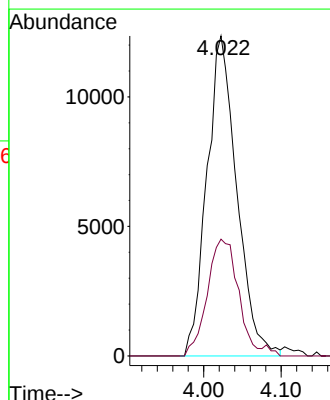
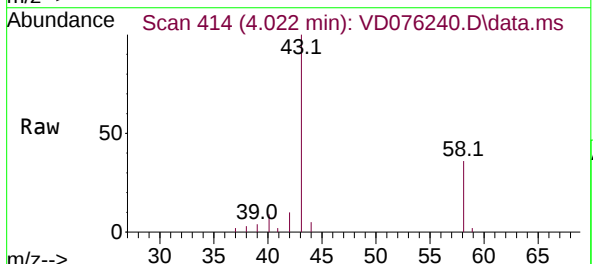
Instrument :
MSVOA_D
ClientSampleId :
TP17

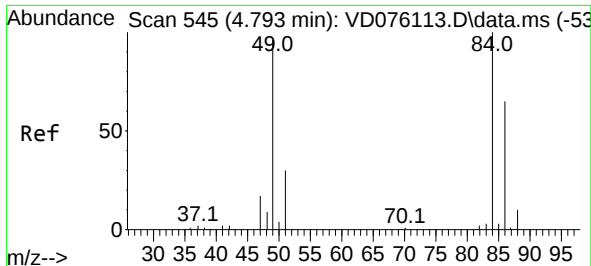
Tgt Ion:168 Resp: 178830
Ion Ratio Lower Upper
168 100
99 47.1 43.8 65.6



#16
Acetone
Concen: 96.334 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076240.D
Acq: 25 May 2023 18:38

Tgt Ion: 43 Resp: 33127
Ion Ratio Lower Upper
43 100
58 36.5 24.4 36.6

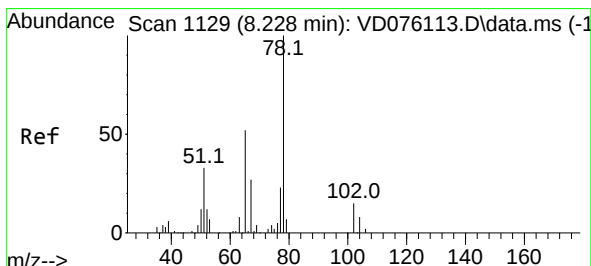
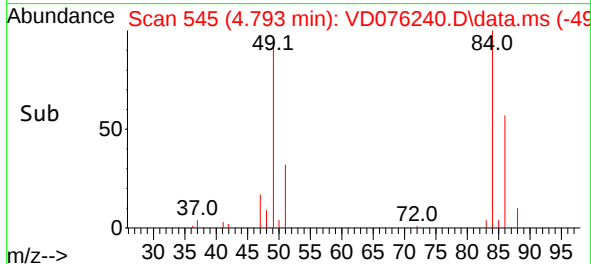
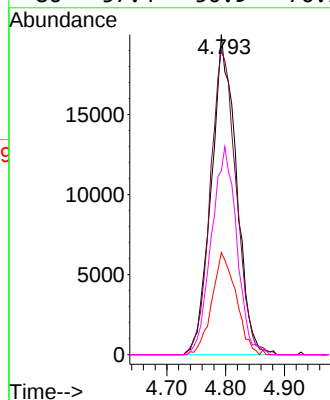
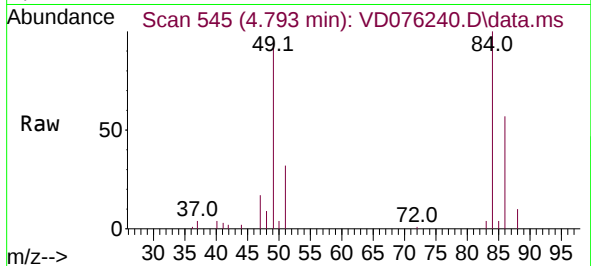




#20
Methylene Chloride
Concen: 15.178 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076240.D
Acq: 25 May 2023 18:38

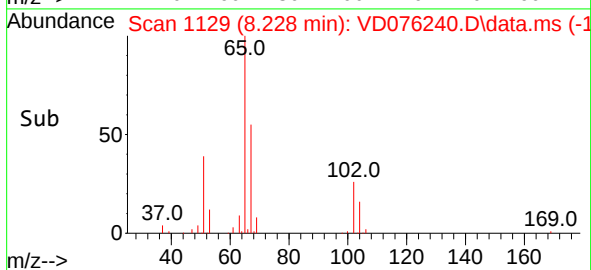
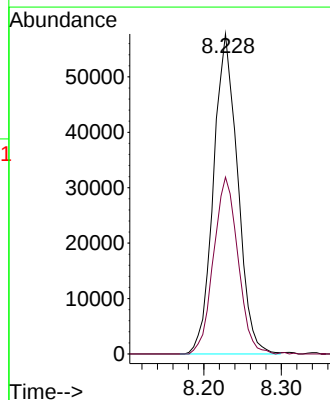
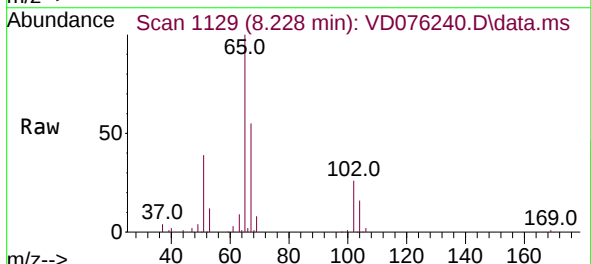
Instrument :
MSVOA_D
ClientSampleId :
TP17

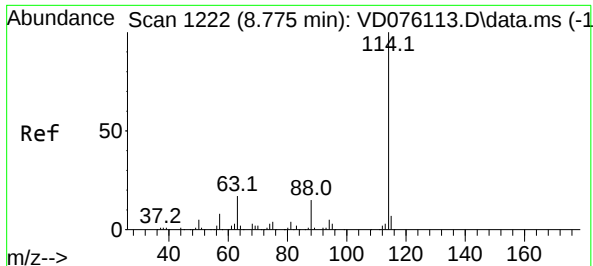
Tgt Ion: 84	Resp: 59107
Ion Ratio	Lower Upper
84 100	
49 95.0	106.4 159.6#
51 31.9	32.4 48.6#
86 57.4	50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 72.282 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076240.D
Acq: 25 May 2023 18:38

Tgt Ion: 65	Resp: 124929
Ion Ratio	Lower Upper
65 100	
67 55.8	0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076240.D

Acq: 25 May 2023 18:38

Instrument :

MSVOA_D

ClientSampleId :

TP17

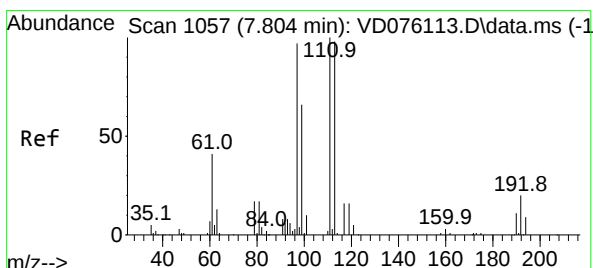
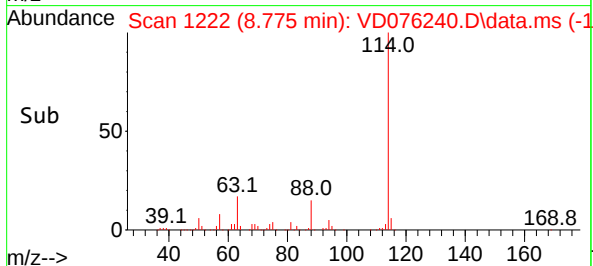
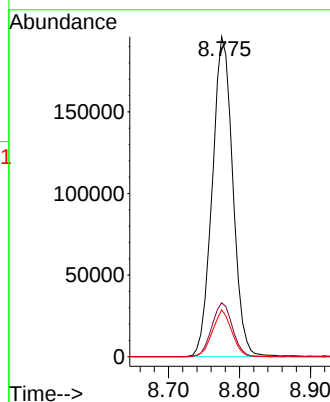
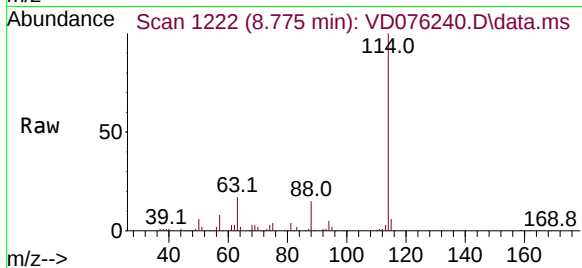
Tgt Ion:114 Resp: 393821

Ion Ratio Lower Upper

114 100

63 16.8 0.0 41.6

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 63.410 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076240.D

Acq: 25 May 2023 18:38

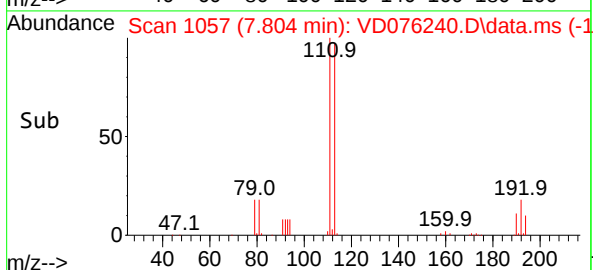
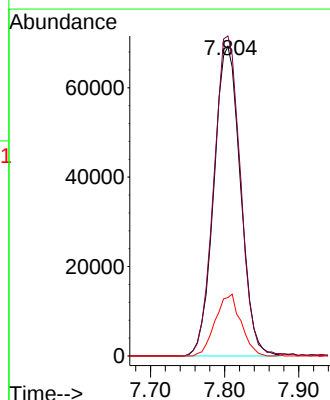
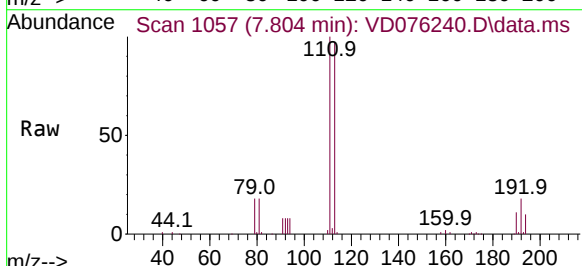
Tgt Ion:113 Resp: 172612

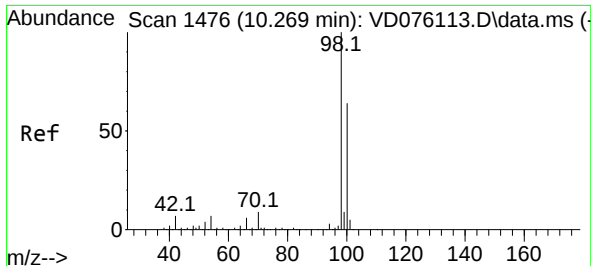
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 19.2 15.2 22.8

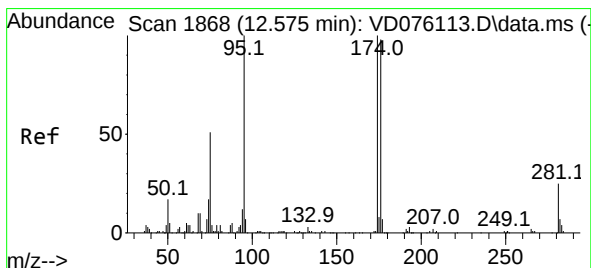
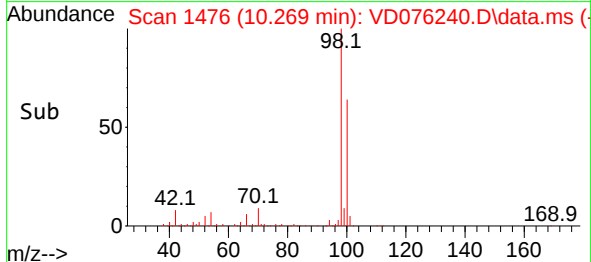
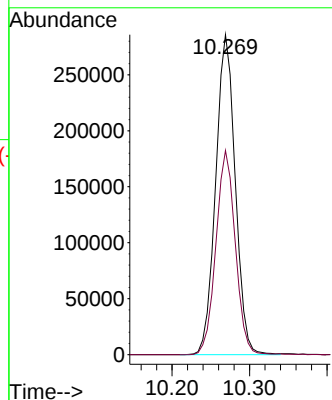
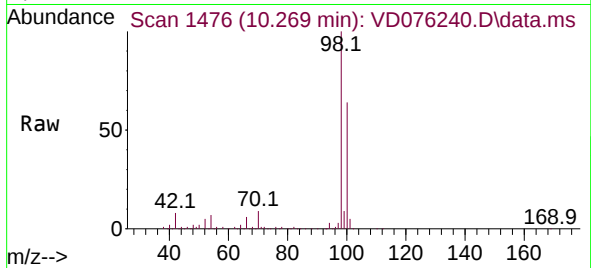




#50
Toluene-d8
Concen: 47.273 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076240.D
Acq: 25 May 2023 18:38

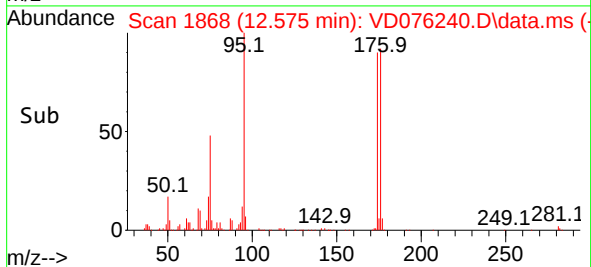
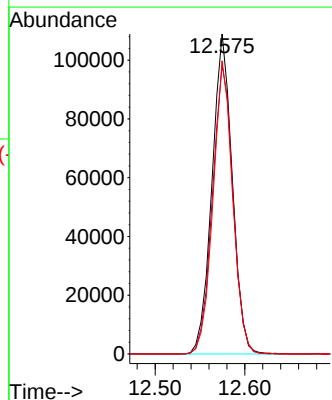
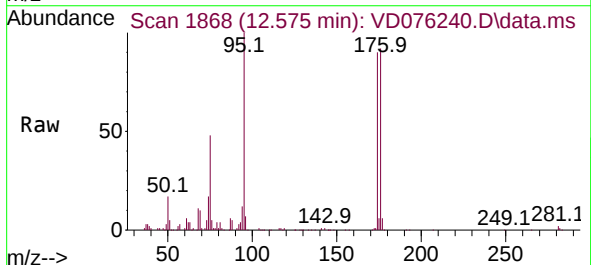
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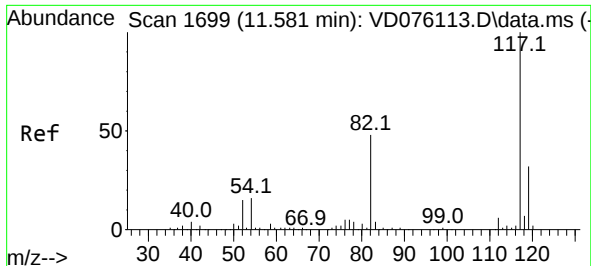
Tgt Ion: 98 Resp: 501647
Ion Ratio Lower Upper
98 100
100 63.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 57.902 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076240.D
Acq: 25 May 2023 18:38

Tgt Ion: 95 Resp: 170683
Ion Ratio Lower Upper
95 100
174 91.8 0.0 164.0
176 88.6 0.0 156.8

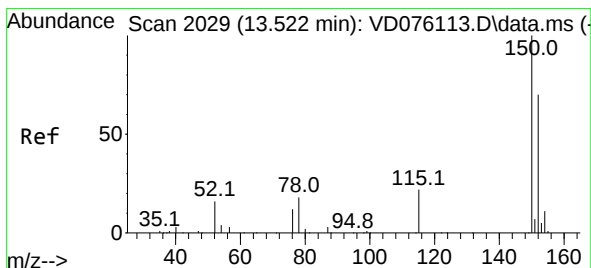
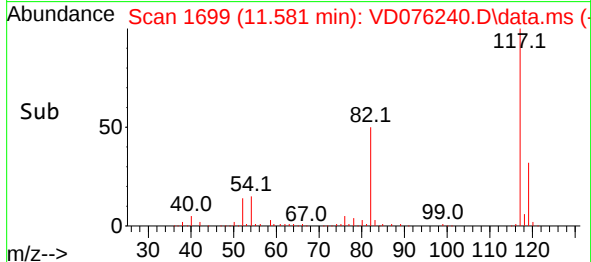
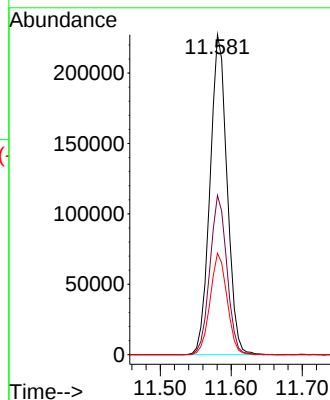
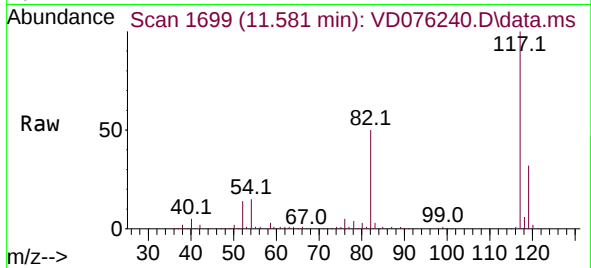




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076240.D
Acq: 25 May 2023 18:38

Instrument :
MSVOA_D
ClientSampleId :
TP17

Tgt Ion:117 Resp: 379900
Ion Ratio Lower Upper
117 100
82 49.8 44.0 66.0
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076240.D
Acq: 25 May 2023 18:38

Tgt Ion:152 Resp: 149218
Ion Ratio Lower Upper
152 100
115 54.6 30.1 90.3
150 158.4 0.0 364.8

