

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075278.D
 Acq On : 08 Feb 2023 18:13
 Operator : KP/SY
 Sample : 01428-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1574

Quant Time: Feb 09 05:42:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

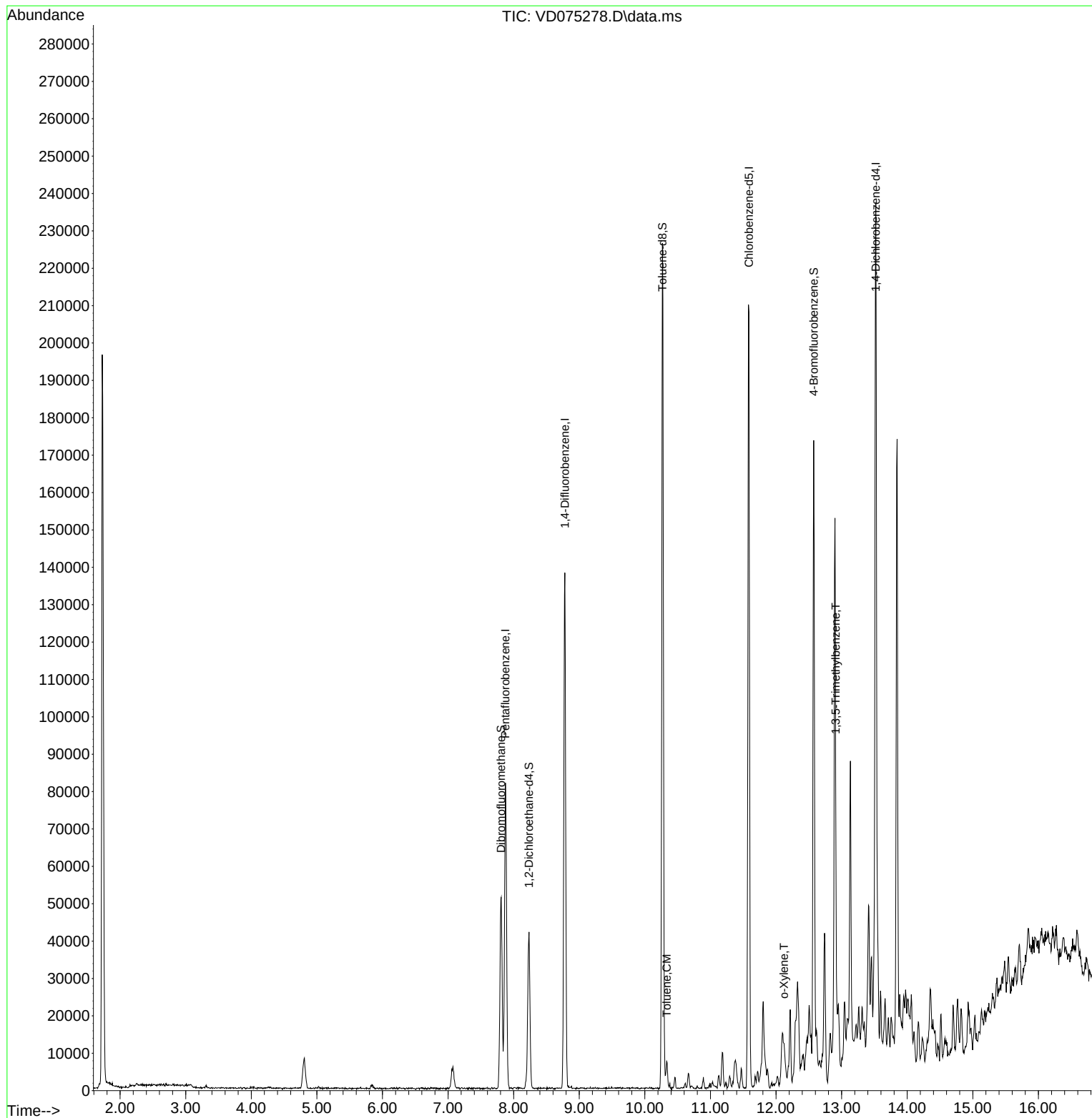
Internal Standards						
1) Pentafluorobenzene	7.875	168	60708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	116362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	115942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	54395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	32196	45.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.460%
35) Dibromofluoromethane	7.810	113	36264	44.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.900%
50) Toluene-d8	10.269	98	147955	47.815	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.640%
62) 4-Bromofluorobenzene	12.575	95	49780	48.790	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.580%
Target Compounds						
					Qvalue	
52) Toluene	10.334	92	3043	1.352	ug/l	97
69) o-Xylene	12.122	106	1833	1.069	ug/l	100
80) 1,3,5-Trimethylbenzene	12.910	105	6701	1.826	ug/l	96

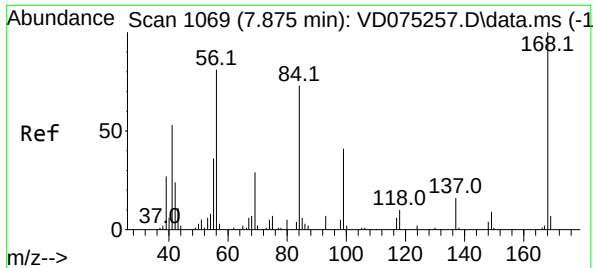
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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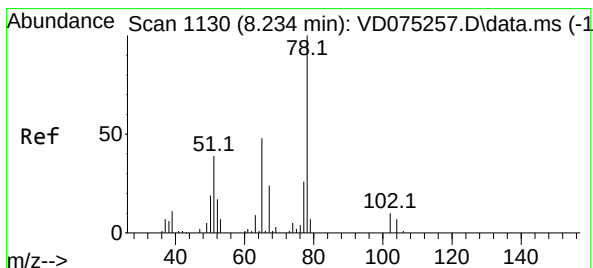
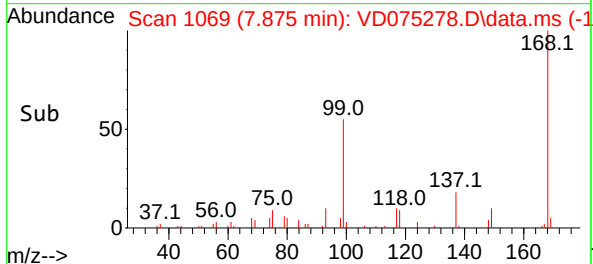
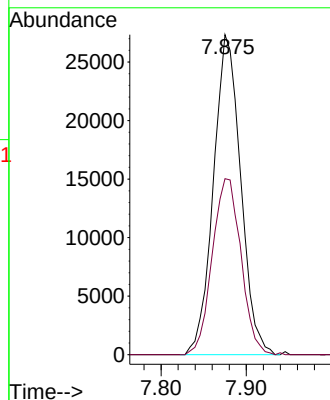
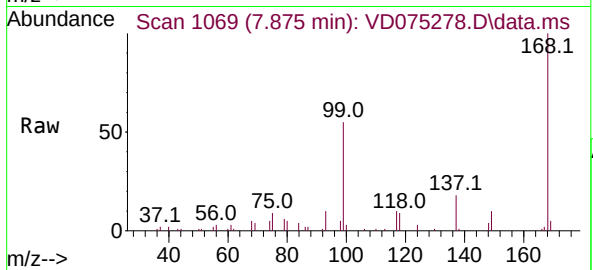




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075278.D
Acq: 08 Feb 2023 18:13

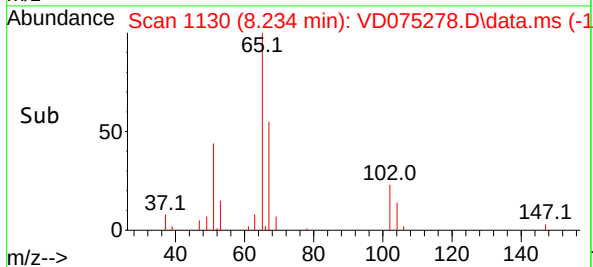
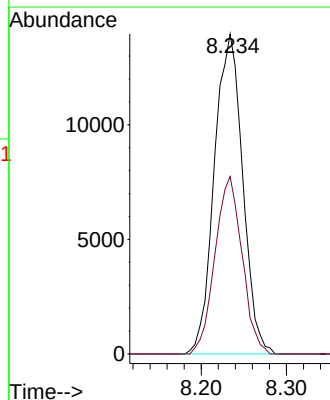
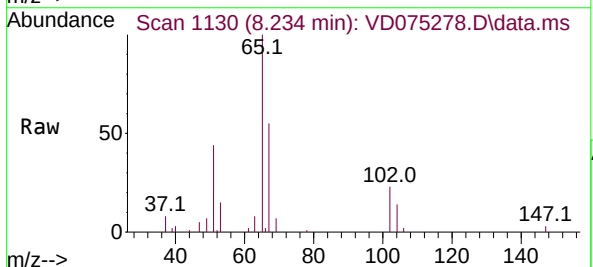
Instrument :
MSVOA_D
ClientSampleId :
1574

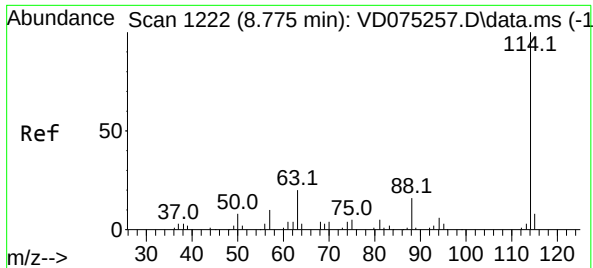
Tgt Ion:168 Resp: 60708
Ion Ratio Lower Upper
168 100
99 55.0 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 45.229 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075278.D
Acq: 08 Feb 2023 18:13

Tgt Ion: 65 Resp: 32196
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075278.D

Acq: 08 Feb 2023 18:13

Instrument :

MSVOA_D

ClientSampleId :

1574

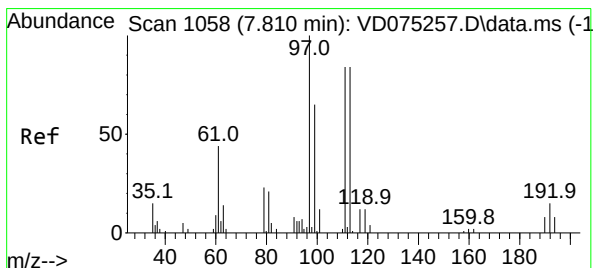
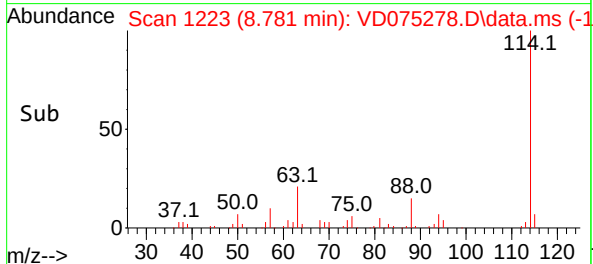
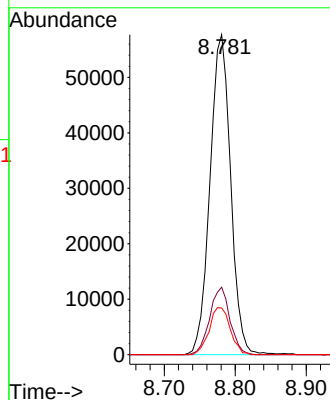
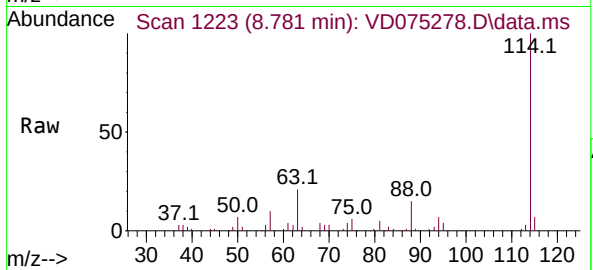
Tgt Ion:114 Resp: 116362

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.2

88 14.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 44.445 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075278.D

Acq: 08 Feb 2023 18:13

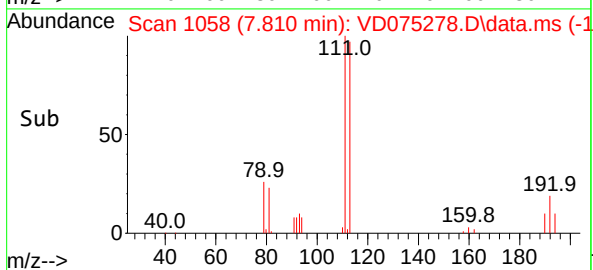
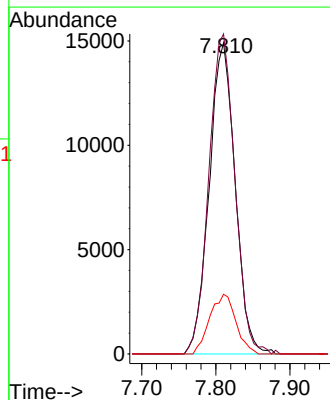
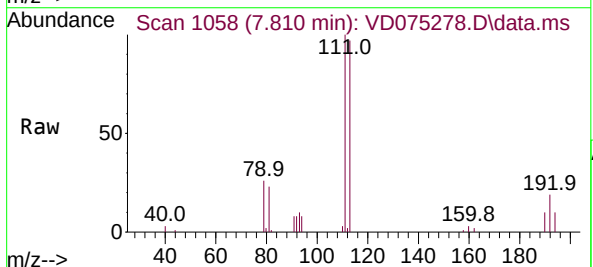
Tgt Ion:113 Resp: 36264

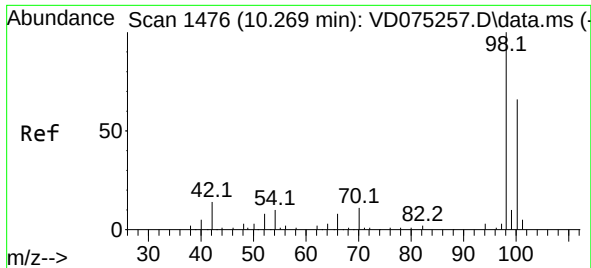
Ion Ratio Lower Upper

113 100

111 103.1 80.1 120.1

192 19.3 15.4 23.0

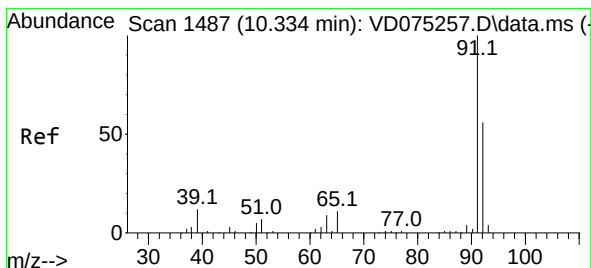
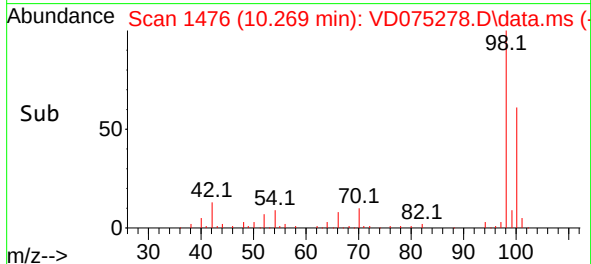
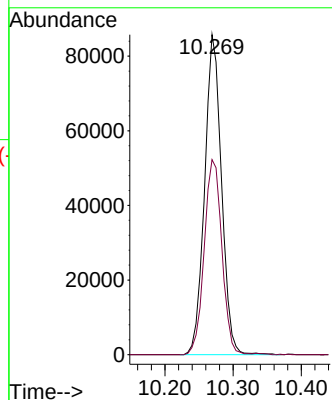
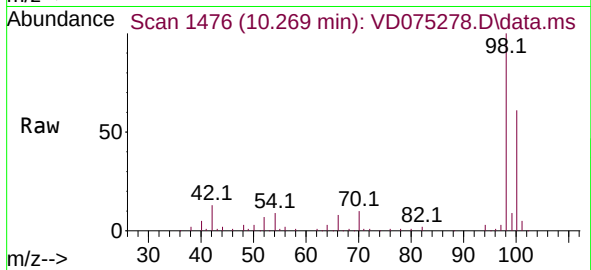




#50
Toluene-d8
Concen: 47.815 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075278.D
Acq: 08 Feb 2023 18:13

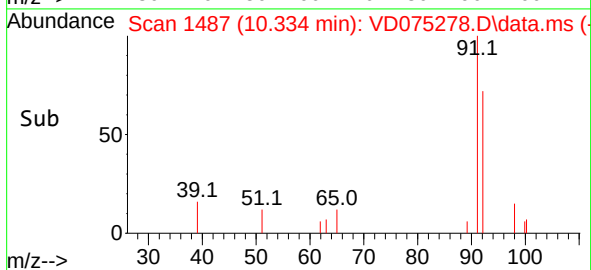
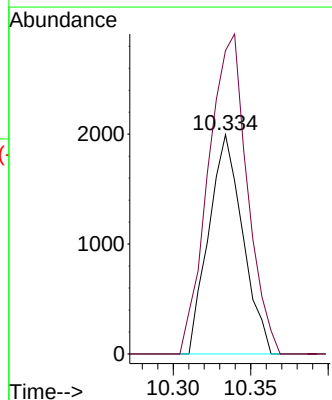
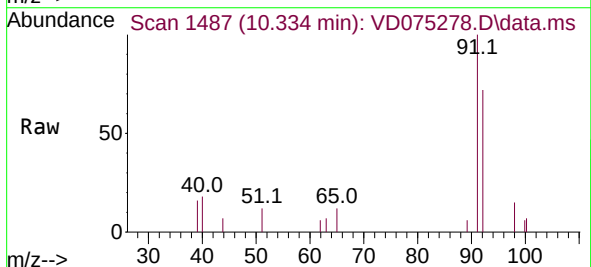
Instrument :
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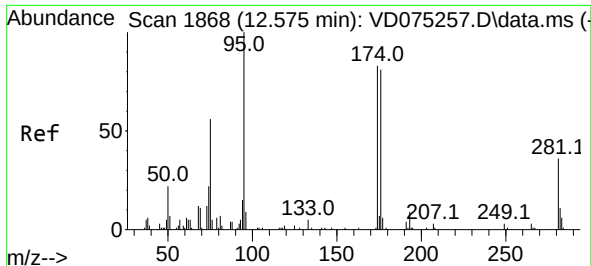
Tgt Ion: 98 Resp: 147955
Ion Ratio Lower Upper
98 100
100 63.6 52.7 79.1



#52
Toluene
Concen: 1.352 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075278.D
Acq: 08 Feb 2023 18:13

Tgt Ion: 92 Resp: 3043
Ion Ratio Lower Upper
92 100
91 167.0 137.0 205.4

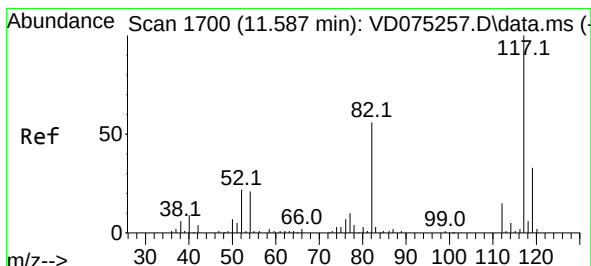
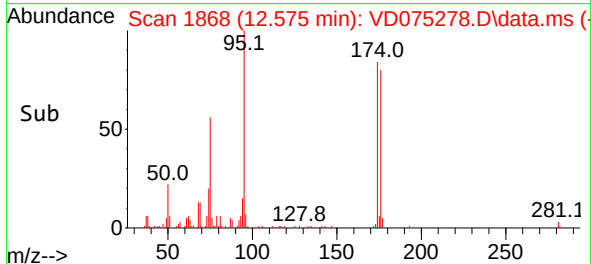
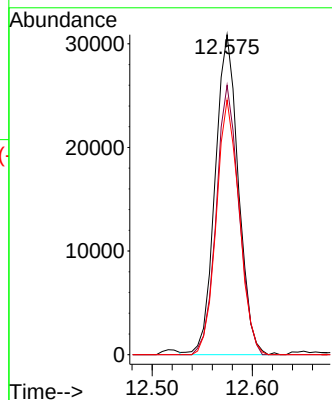
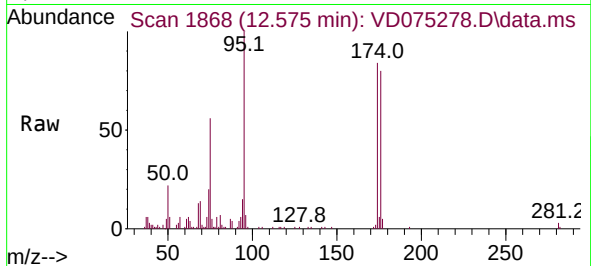




#62
4-Bromofluorobenzene
Concen: 48.790 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075278.D
Acq: 08 Feb 2023 18:13

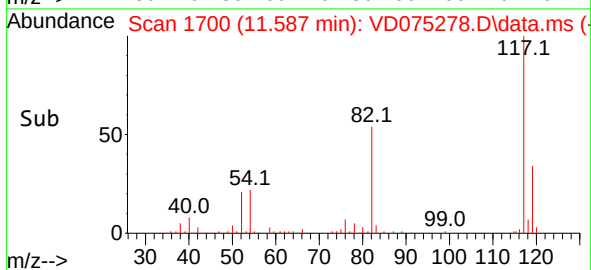
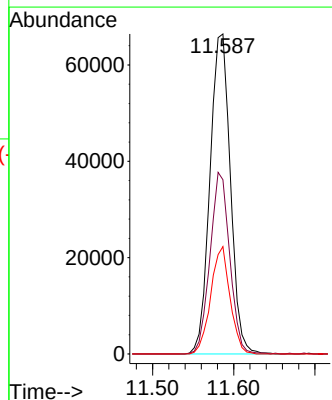
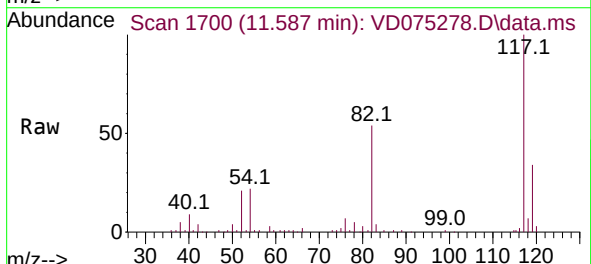
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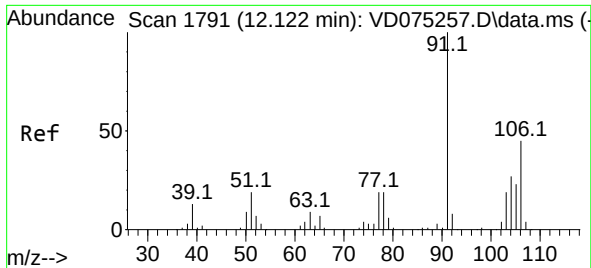
Tgt Ion: 95 Resp: 49780
Ion Ratio Lower Upper
95 100
174 81.9 0.0 161.2
176 78.2 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075278.D
Acq: 08 Feb 2023 18:13

Tgt Ion: 117 Resp: 115942
Ion Ratio Lower Upper
117 100
82 54.5 39.6 59.4
119 33.6 24.6 37.0

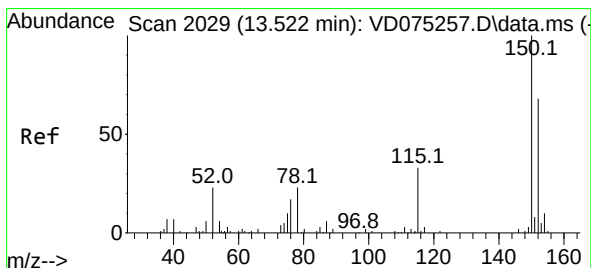
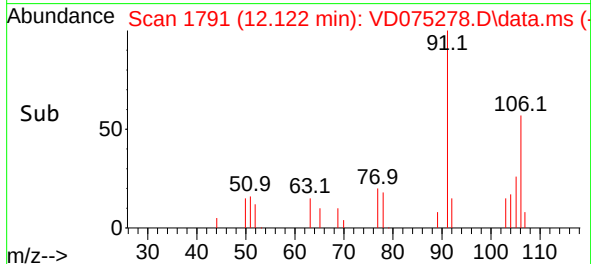
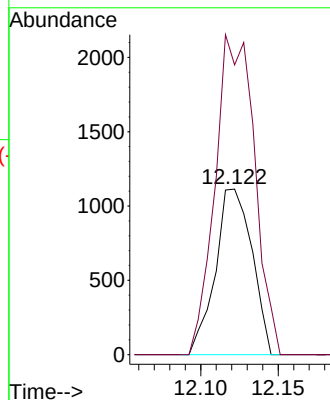
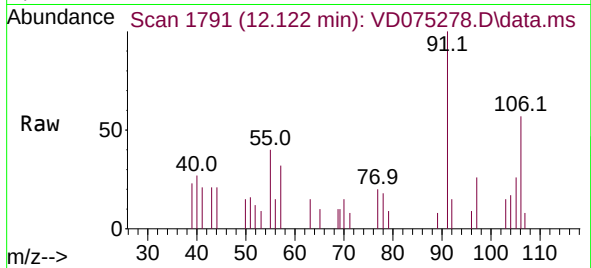




#69
o-Xylene
Concen: 1.069 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075278.D
Acq: 08 Feb 2023 18:13

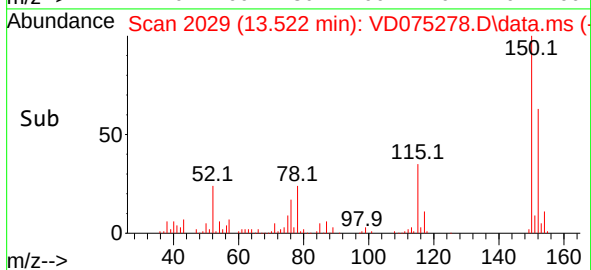
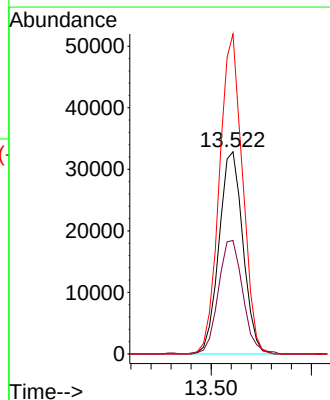
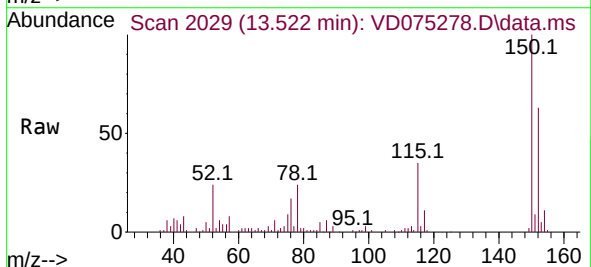
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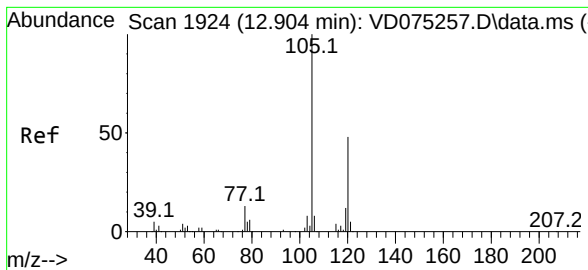
Tgt Ion:106 Resp: 1833
Ion Ratio Lower Upper
106 100
91 207.4 103.6 310.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075278.D
Acq: 08 Feb 2023 18:13

Tgt Ion:152 Resp: 54395
Ion Ratio Lower Upper
152 100
115 57.6 28.8 86.4
150 152.6 0.0 348.6





#80
 1,3,5-Trimethylbenzene
 Concen: 1.826 ug/l
 RT: 12.910 min Scan# 1925
 Delta R.T. 0.006 min
 Lab File: VD075278.D
 Acq: 08 Feb 2023 18:13

Instrument :
 MSVOA_D
 ClientSampleId :
 1574

Tgt Ion:105 Resp: 6701
 Ion Ratio Lower Upper
 105 100
 120 46.5 24.6 73.8

