

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075275.D
 Acq On : 08 Feb 2023 16:49
 Operator : KP/SY
 Sample : 01445-09
 Misc : 5.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-34-020323

Quant Time: Feb 09 05:42:28 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)

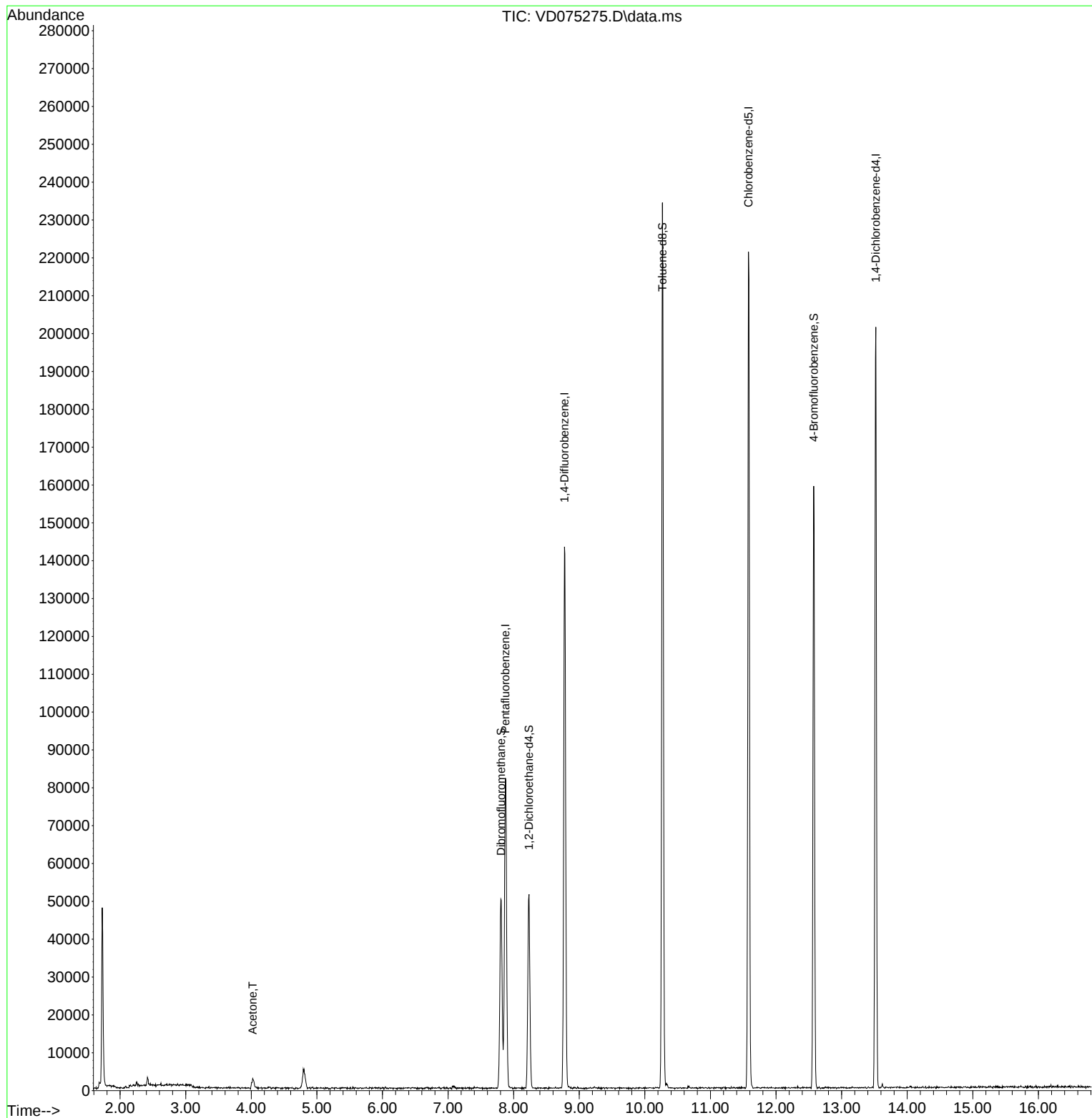
Internal Standards						
1) Pentafluorobenzene	7.875	168	63061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	123772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	122471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	52216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	39698	53.686	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.380%	
35) Dibromofluoromethane	7.810	113	36253	41.772	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 83.540%	
50) Toluene-d8	10.269	98	152757	46.412	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.820%	
62) 4-Bromofluorobenzene	12.575	95	49152	45.290	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.580%	
Target Compounds						Qvalue
16) Acetone	4.022	43	4296	21.972	ug/l	96

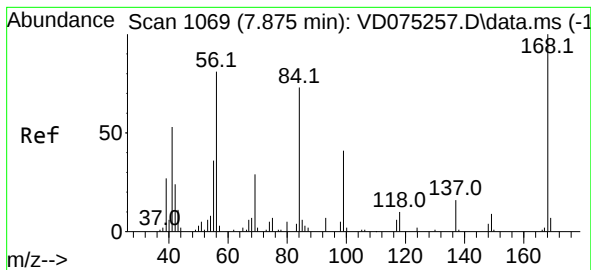
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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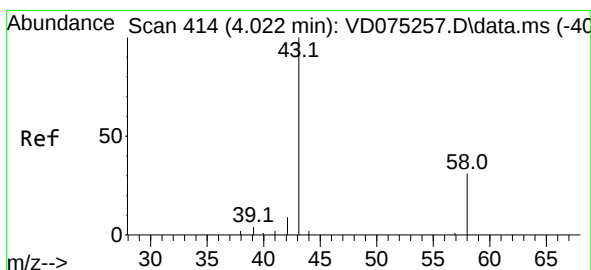
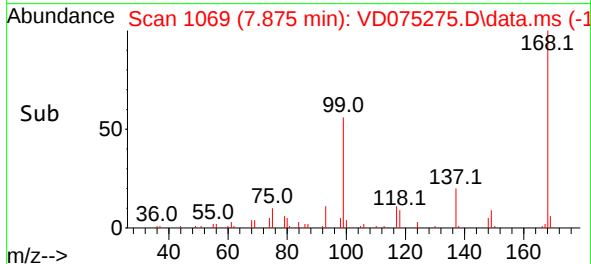
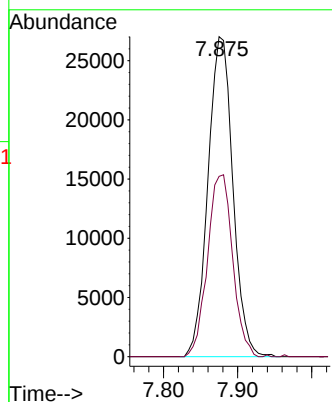
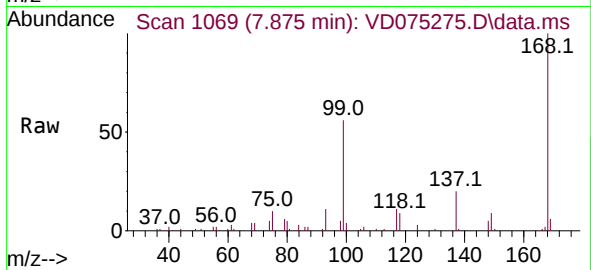




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075275.D
Acq: 08 Feb 2023 16:49

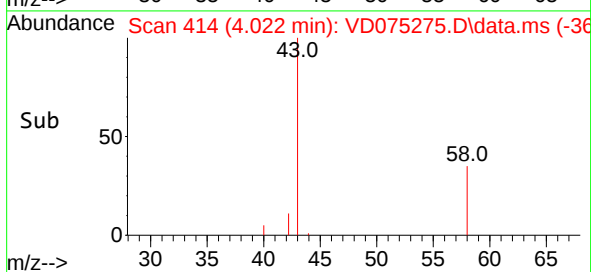
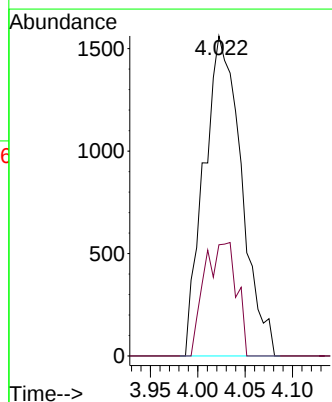
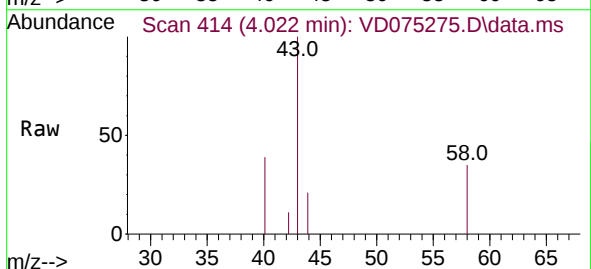
Instrument :
MSVOA_D
ClientSampleId :
JPP-34-020323

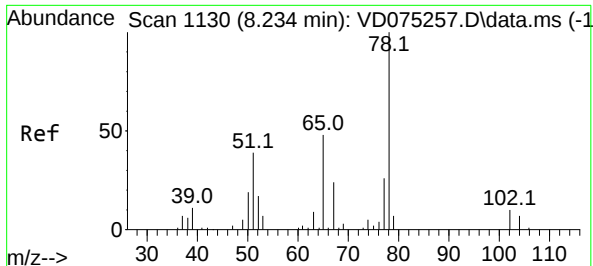
Tgt Ion:168 Resp: 63061
Ion Ratio Lower Upper
168 100
99 56.4 45.2 67.8



#16
Acetone
Concen: 21.972 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075275.D
Acq: 08 Feb 2023 16:49

Tgt Ion: 43 Resp: 4296
Ion Ratio Lower Upper
43 100
58 34.8 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 53.686 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075275.D

Acq: 08 Feb 2023 16:49

Instrument :

MSVOA_D

ClientSampleId :

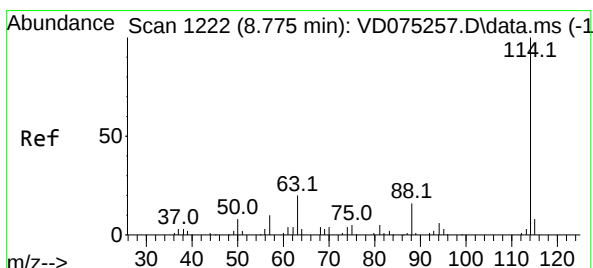
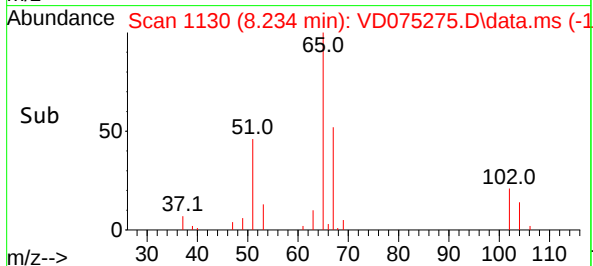
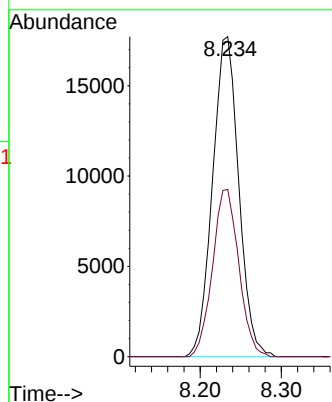
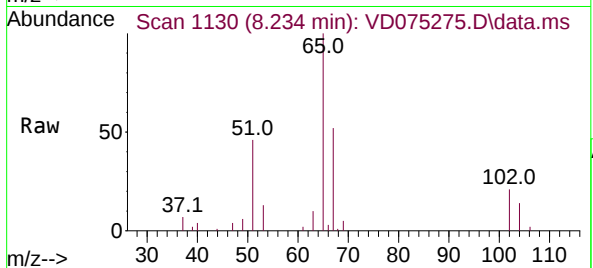
JPP-34-020323

Tgt Ion: 65 Resp: 39698

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD075275.D

Acq: 08 Feb 2023 16:49

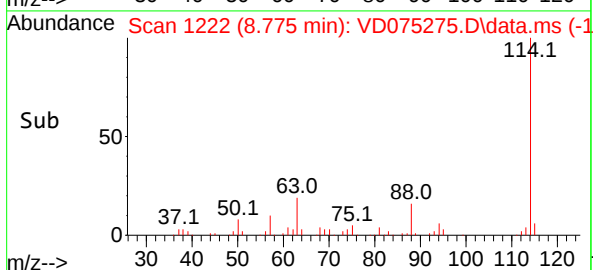
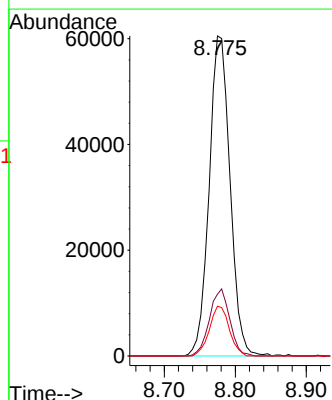
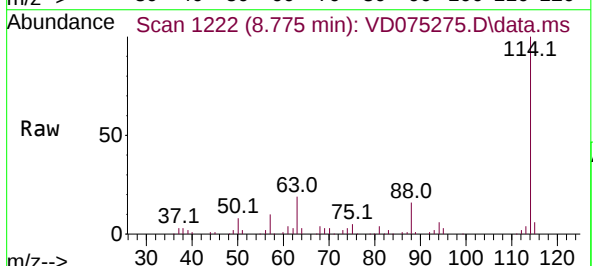
Tgt Ion: 114 Resp: 123772

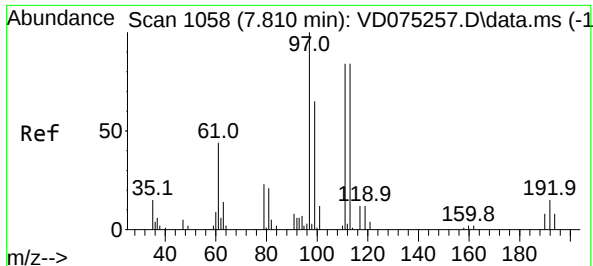
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.2

88 15.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 41.772 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075275.D

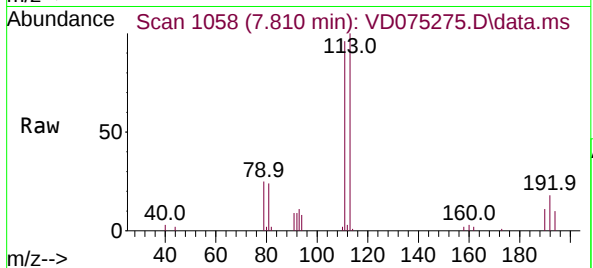
Acq: 08 Feb 2023 16:49

Instrument :

MSVOA_D

ClientSampleId :

JPP-34-020323



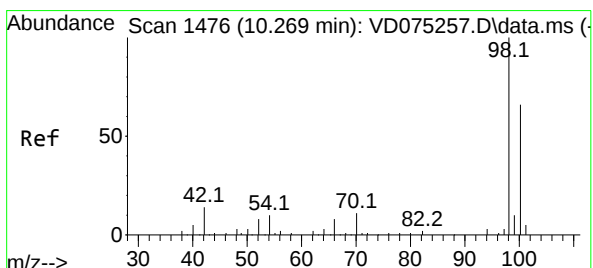
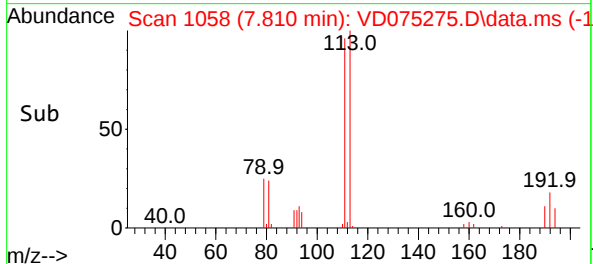
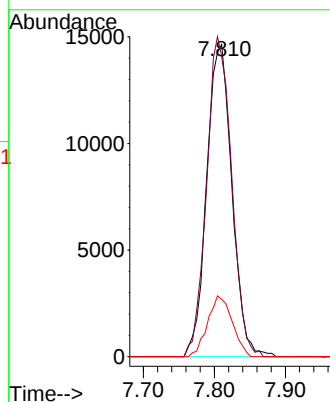
Tgt Ion:113 Resp: 36253

Ion Ratio Lower Upper

113 100

111 101.3 80.1 120.1

192 18.9 15.4 23.0



#50

Toluene-d8

Concen: 46.412 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075275.D

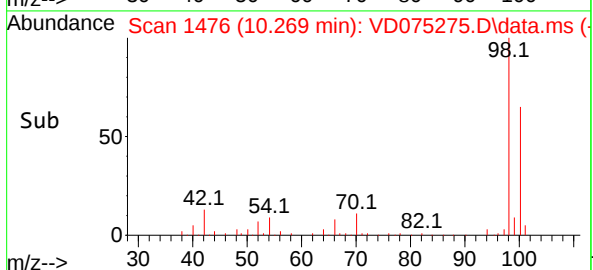
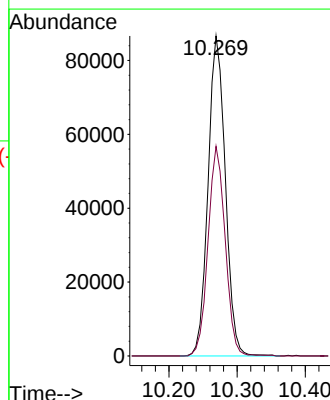
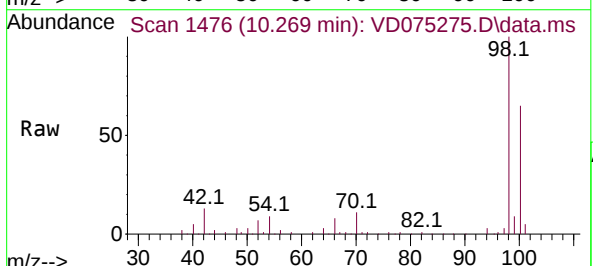
Acq: 08 Feb 2023 16:49

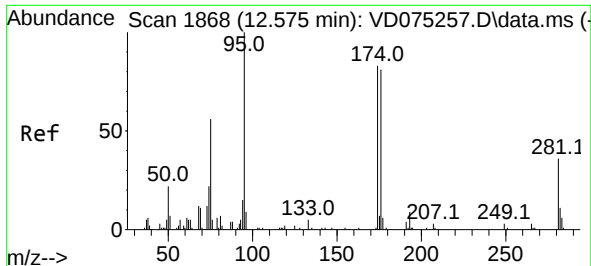
Tgt Ion: 98 Resp: 152757

Ion Ratio Lower Upper

98 100

100 65.1 52.7 79.1

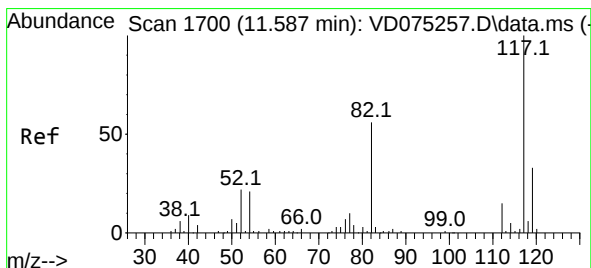
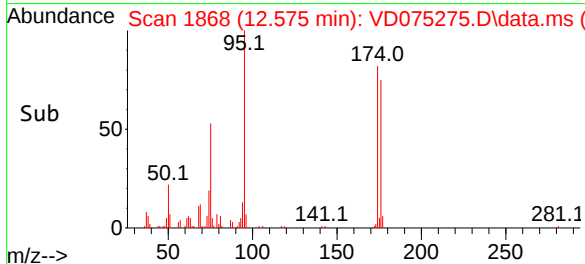
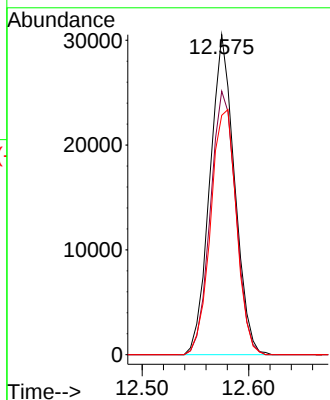
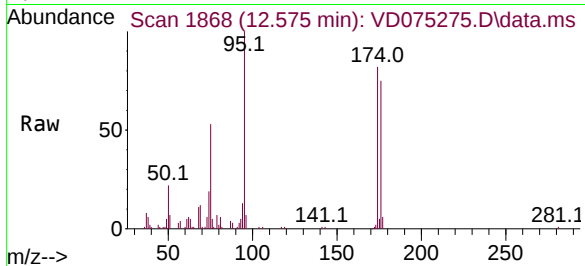




#62
4-Bromofluorobenzene
Concen: 45.290 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075275.D
Acq: 08 Feb 2023 16:49

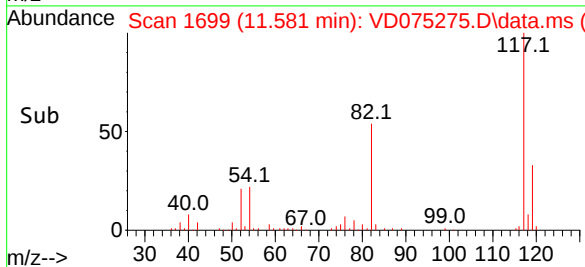
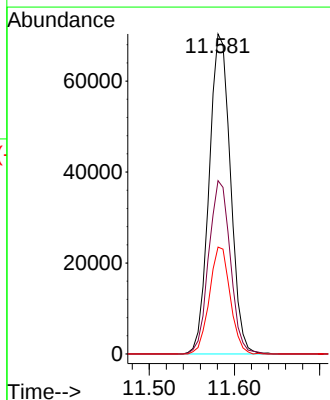
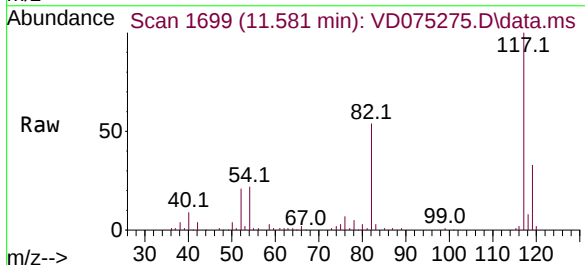
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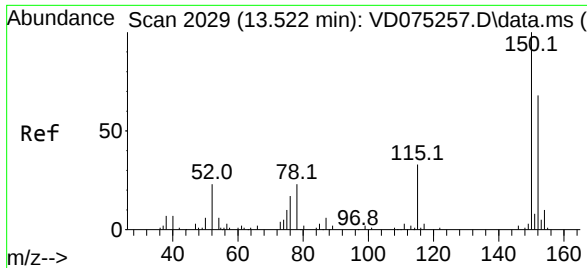
Tgt Ion:	95	Resp:	49152
Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	161.2
176	80.0	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075275.D
Acq: 08 Feb 2023 16:49

Tgt Ion:	117	Resp:	122471
Ion	Ratio	Lower	Upper
117	100		
82	54.1	39.6	59.4
119	33.4	24.6	37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD075275.D
 Acq: 08 Feb 2023 16:49

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-34-020323

Tgt Ion:152 Resp: 52216
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.8 86.4
 150 154.5 0.0 348.6

