

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012323\
 Data File : VD075172.D
 Acq On : 23 Jan 2023 13:36
 Operator : KP/SY
 Sample : 01233-02
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P34A

Quant Time: Jan 23 14:04:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

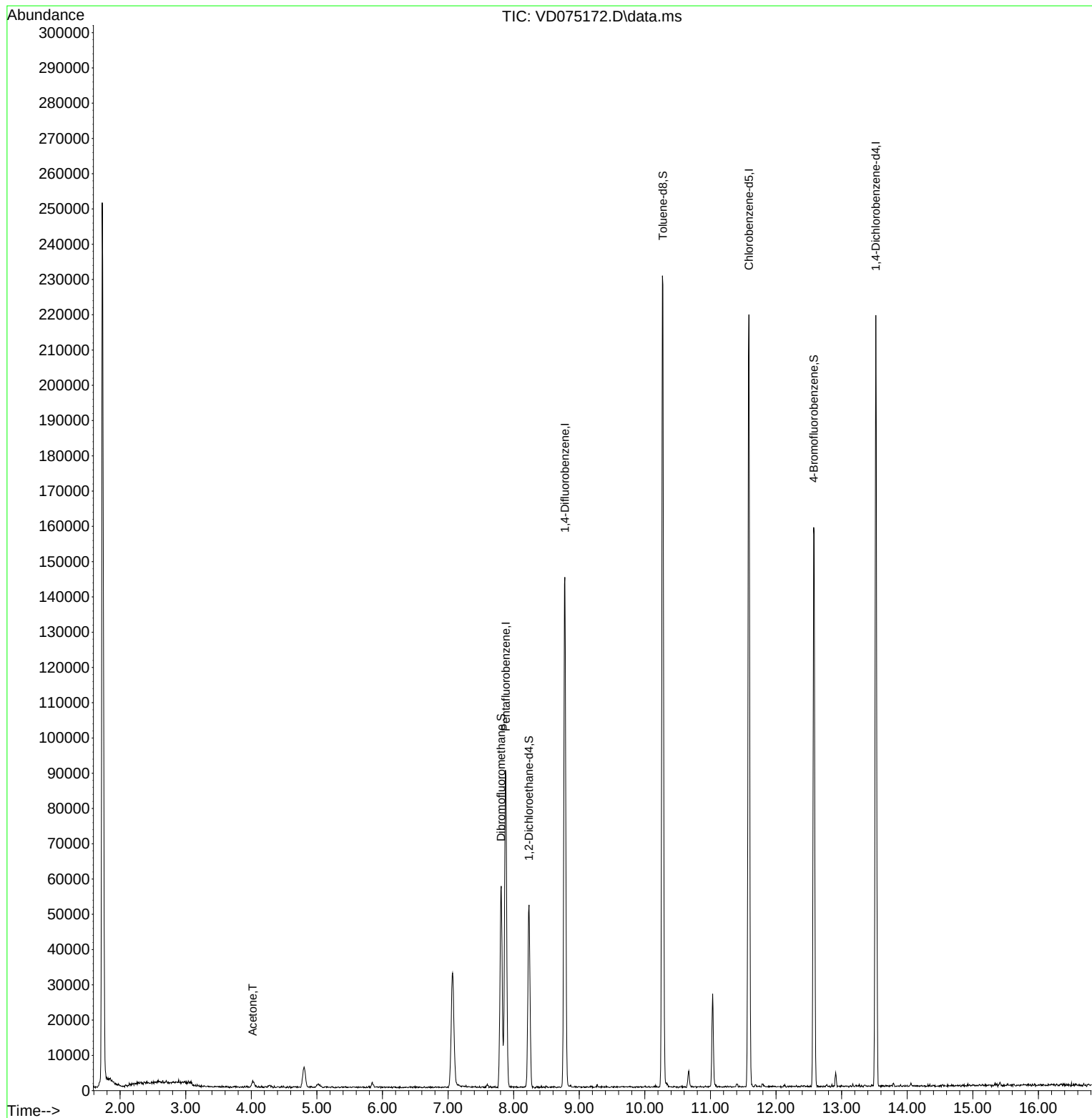
Internal Standards						
1) Pentafluorobenzene	7.881	168	67921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	129748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	124838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	54879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	40536	58.487	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	116.980%	
35) Dibromofluoromethane	7.810	113	40288	51.386	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	102.780%	
50) Toluene-d8	10.275	98	160846	52.104	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	104.200%	
62) 4-Bromofluorobenzene	12.575	95	52693	53.784	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	107.560%	
Target Compounds						
16) Acetone	4.022	43	3516	19.234	ug/l	Qvalue # 82

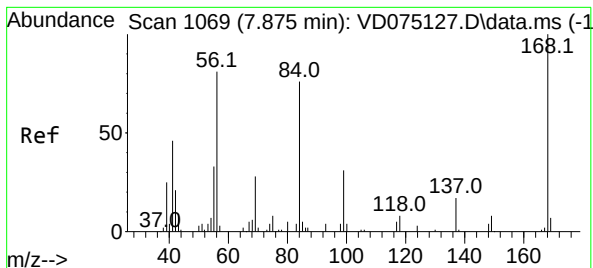
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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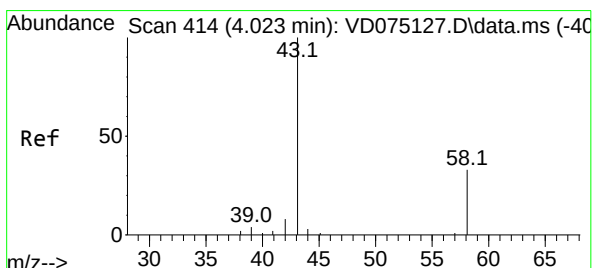
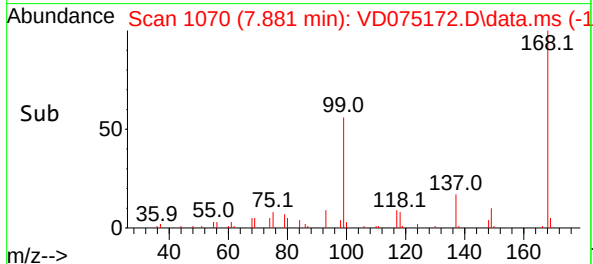
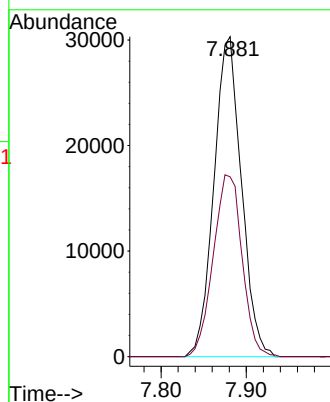
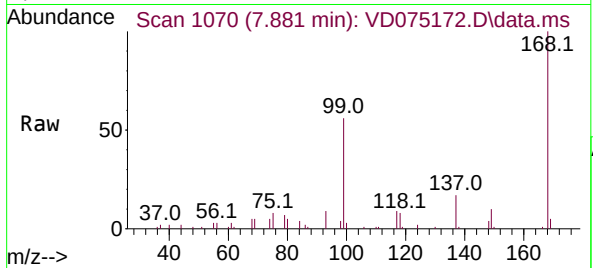




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075172.D
Acq: 23 Jan 2023 13:36

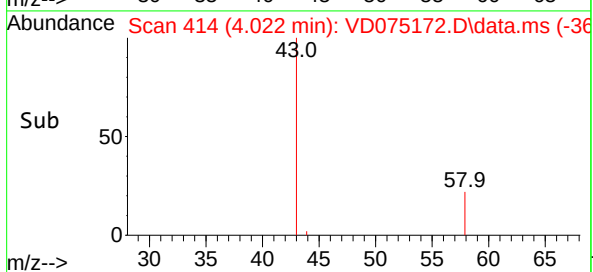
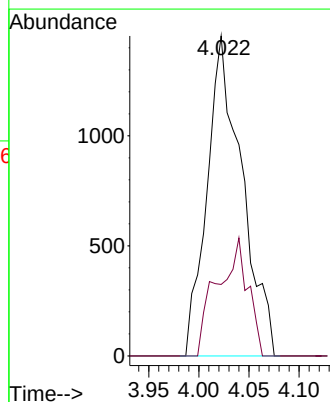
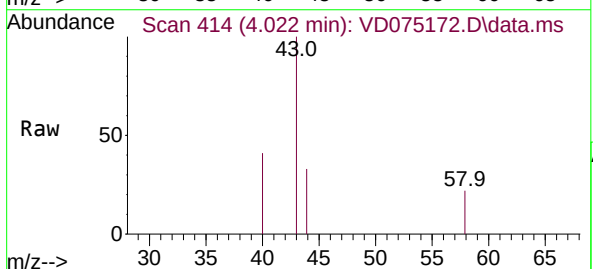
Instrument :
MSVOA_D
ClientSampleId :
B-P34A

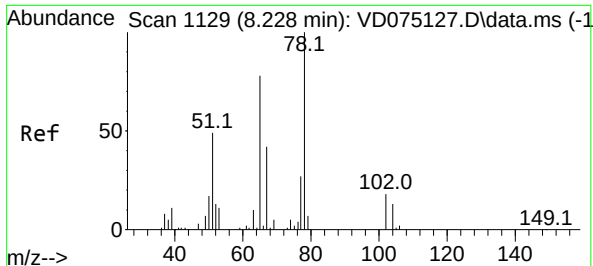
Tgt Ion:168 Resp: 67921
Ion Ratio Lower Upper
168 100
99 56.2 45.2 67.8



#16
Acetone
Concen: 19.234 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075172.D
Acq: 23 Jan 2023 13:36

Tgt Ion: 43 Resp: 3516
Ion Ratio Lower Upper
43 100
58 22.4 26.0 39.0#





#33

1,2-Dichloroethane-d4

Concen: 58.487 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075172.D

Acq: 23 Jan 2023 13:36

Instrument :

MSVOA_D

ClientSampleId :

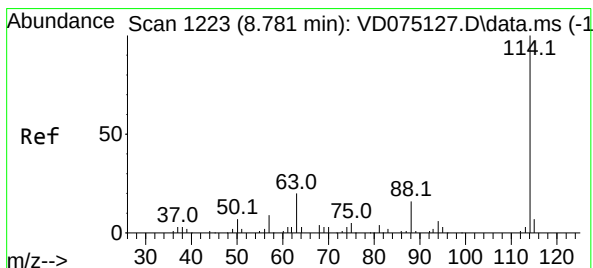
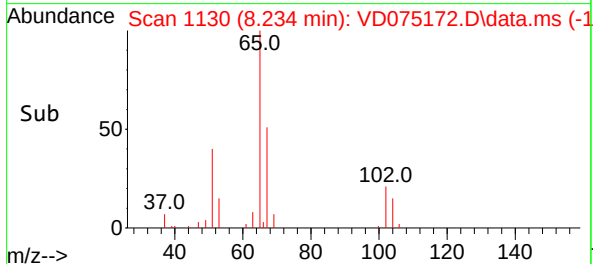
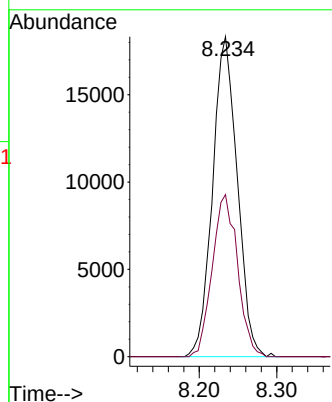
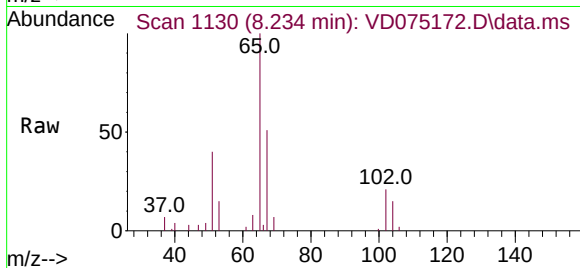
B-P34A

Tgt Ion: 65 Resp: 40536

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075172.D

Acq: 23 Jan 2023 13:36

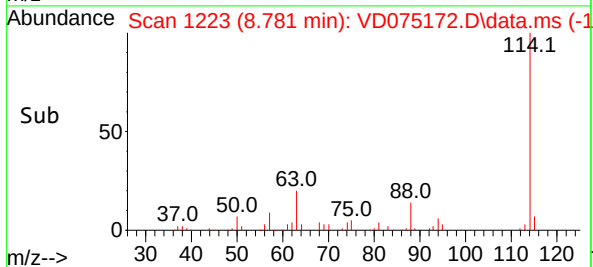
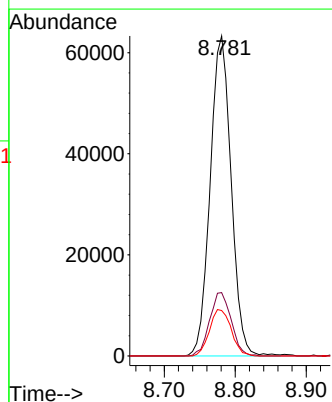
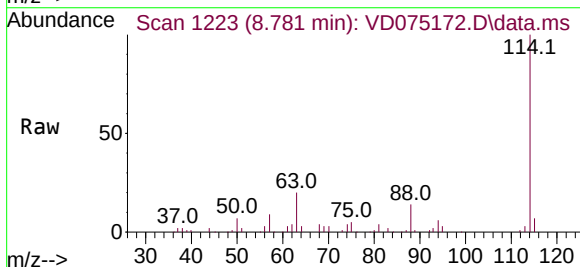
Tgt Ion: 114 Resp: 129748

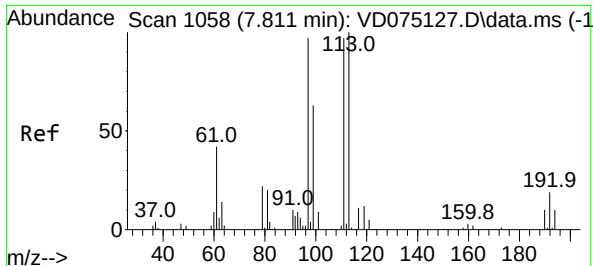
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.2

88 14.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.386 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075172.D

Acq: 23 Jan 2023 13:36

Instrument :

MSVOA_D

ClientSampleId :

B-P34A

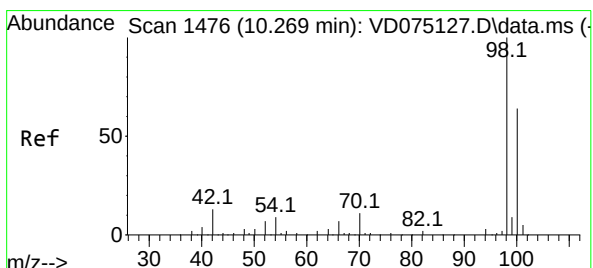
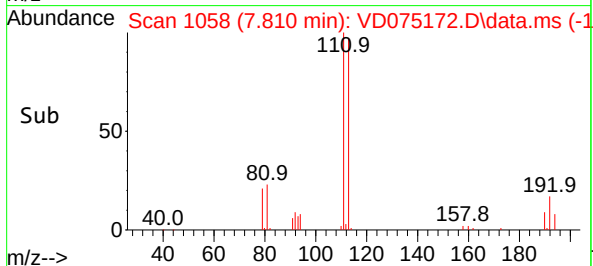
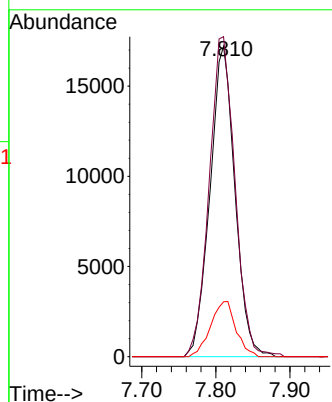
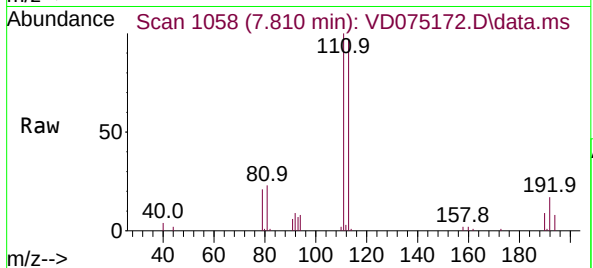
Tgt Ion:113 Resp: 40288

Ion Ratio Lower Upper

113 100

111 106.3 80.1 120.1

192 18.1 15.4 23.0



#50

Toluene-d8

Concen: 52.104 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD075172.D

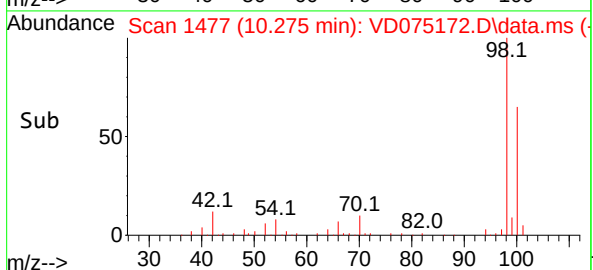
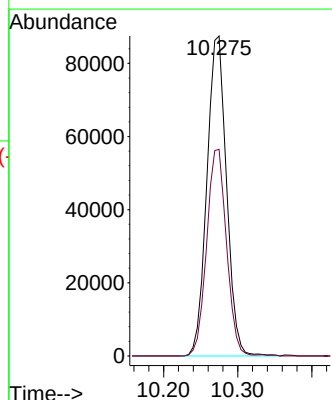
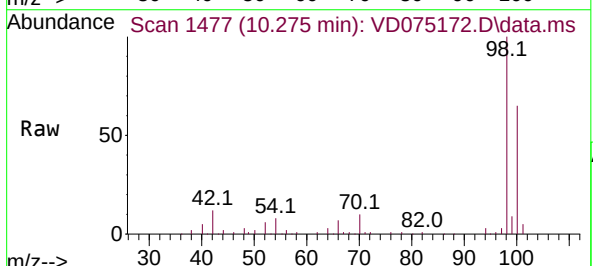
Acq: 23 Jan 2023 13:36

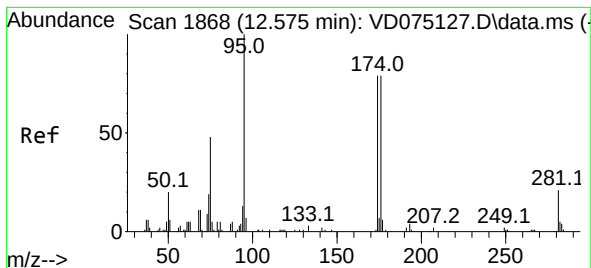
Tgt Ion: 98 Resp: 160846

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1

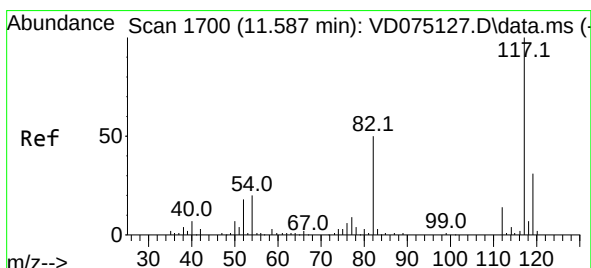
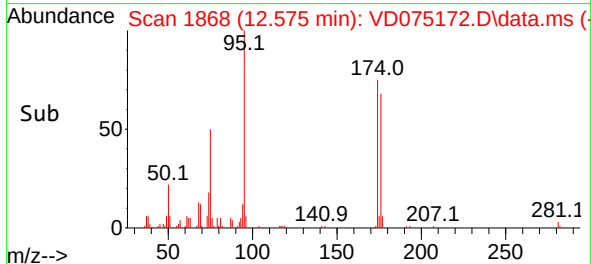
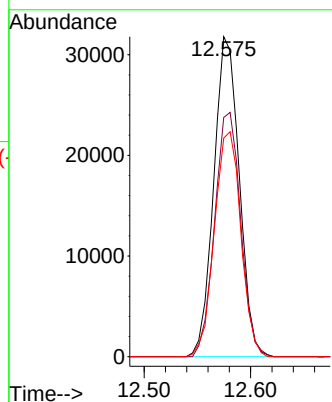
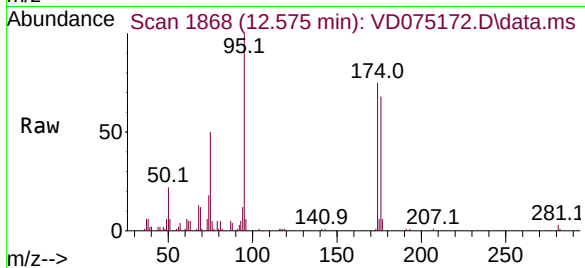




#62
4-Bromofluorobenzene
Concen: 53.784 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075172.D
Acq: 23 Jan 2023 13:36

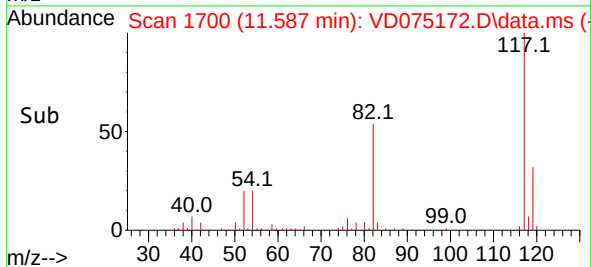
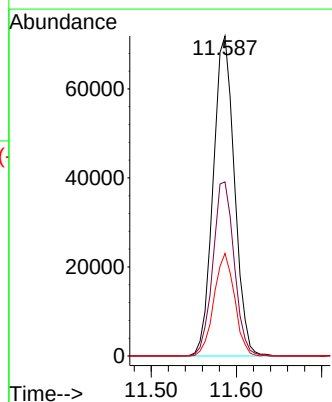
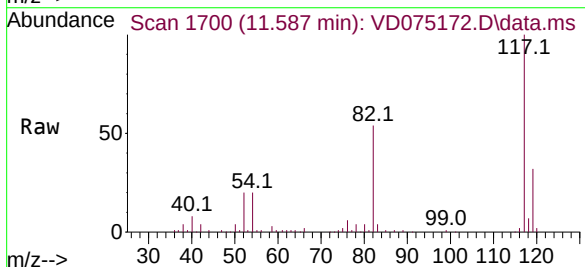
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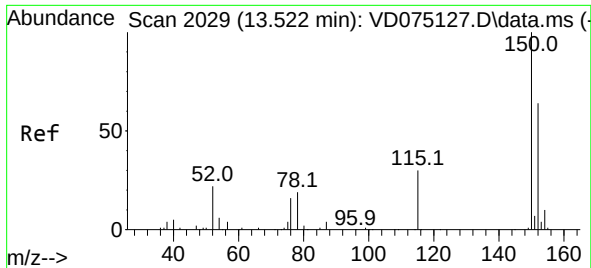
Tgt Ion: 95 Resp: 52693
Ion Ratio Lower Upper
95 100
174 78.0 0.0 161.2
176 73.1 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075172.D
Acq: 23 Jan 2023 13:36

Tgt Ion: 117 Resp: 124838
Ion Ratio Lower Upper
117 100
82 54.4 39.6 59.4
119 32.1 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: VD075172.D

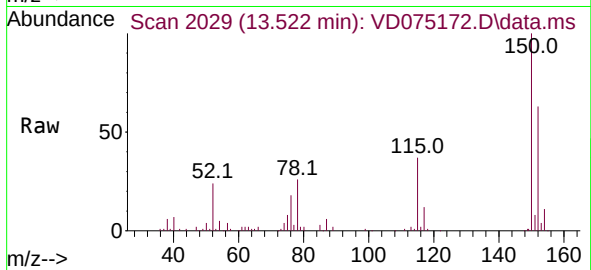
Acq: 23 Jan 2023 13:36

Instrument :

MSVOA_D

ClientSampleId :

B-P34A



Tgt Ion:152 Resp: 54879

Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.4

150 156.4 0.0 348.6

