

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078028.D
 Acq On : 21 Dec 2023 16:18
 Operator : RP/MD
 Sample : 05926-03
 Misc : 3.54G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MR-320-0-2

Quant Time: Dec 22 05:21:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

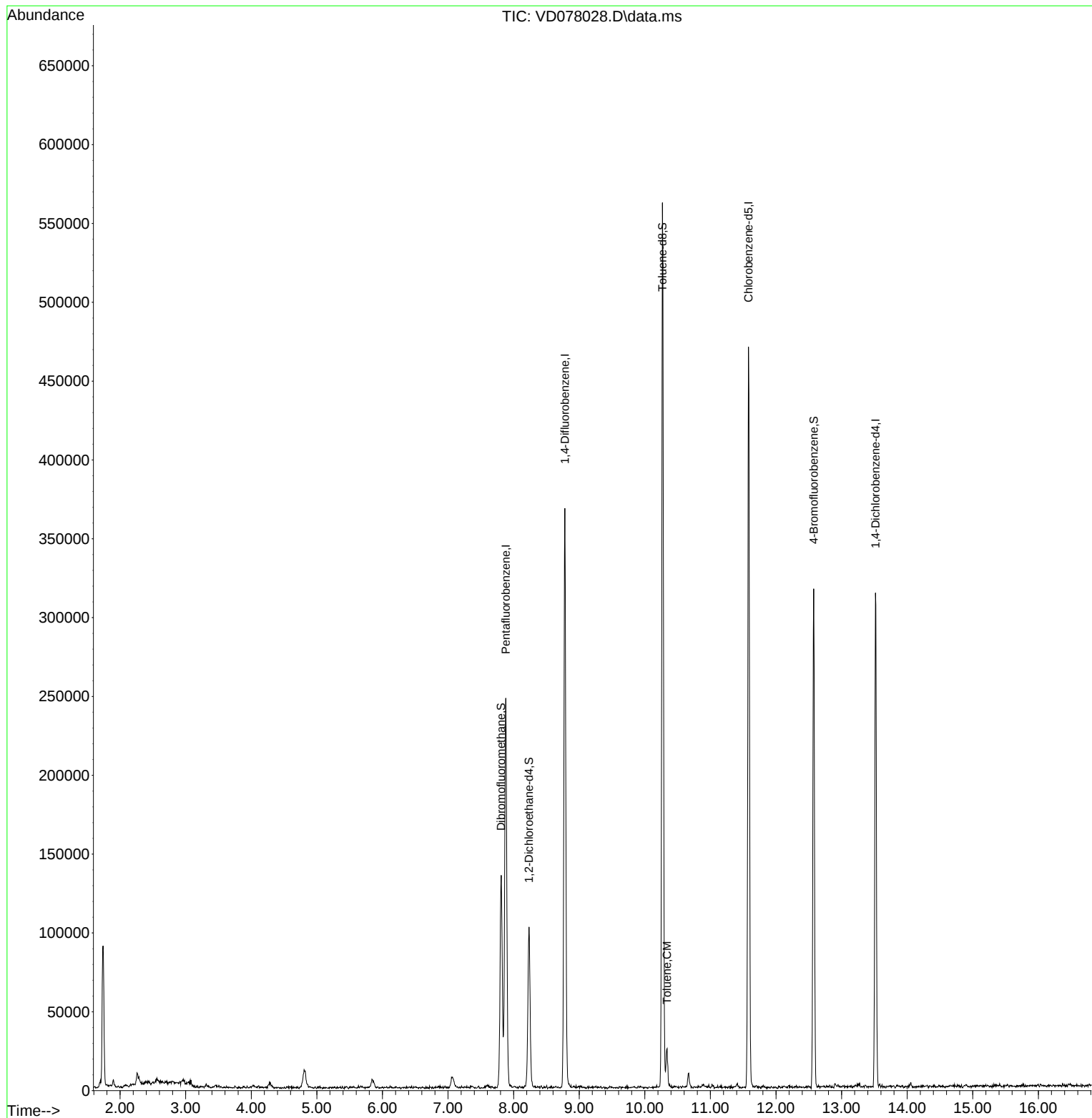
Internal Standards						
1) Pentafluorobenzene	7.881	168	188010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	329909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	281843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	86574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	76818	34.674	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.340%
35) Dibromofluoromethane	7.810	113	95887	41.493	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.980%
50) Toluene-d8	10.269	98	401697	43.401	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.800%
62) 4-Bromofluorobenzene	12.575	95	95268	34.428	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.860%
Target Compounds						
52) Toluene	10.340	92	10398	1.598	ug/l	Qvalue 85

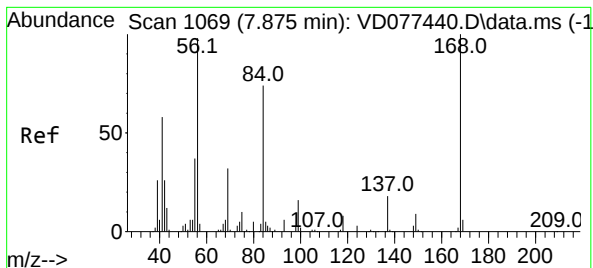
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VD078028.D

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ClientSampleId :

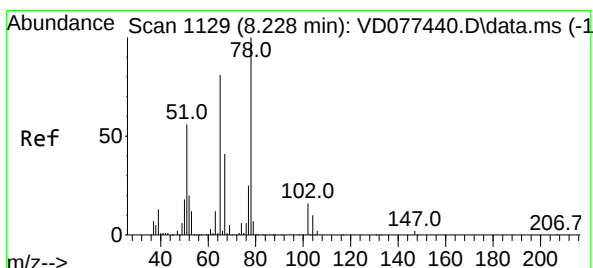
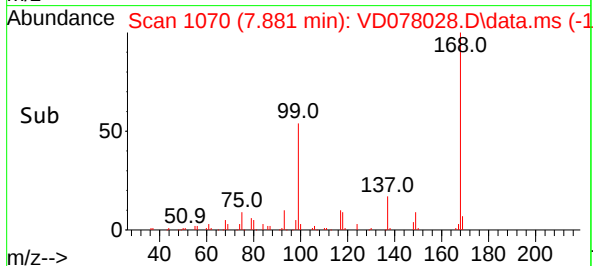
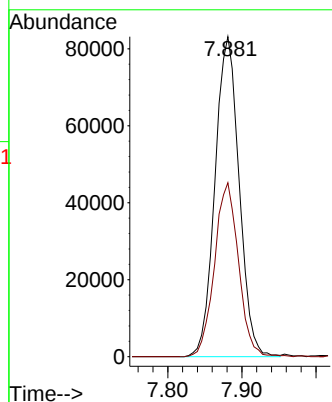
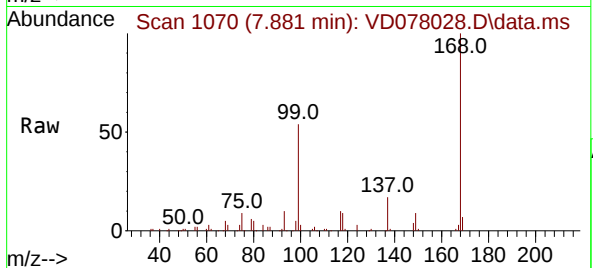
MR-320-0-2

Tgt Ion:168 Resp: 188010

Ion Ratio Lower Upper

168 100

99 54.3 36.7 55.1



#33

1,2-Dichloroethane-d4

Concen: 34.674 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD078028.D

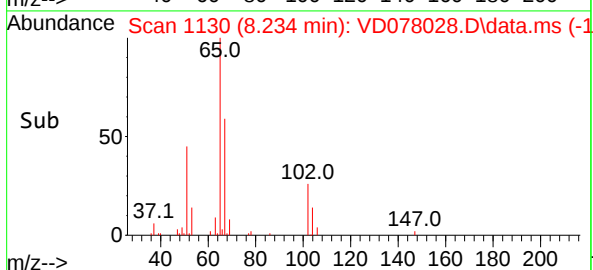
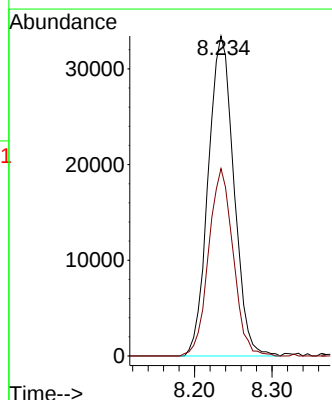
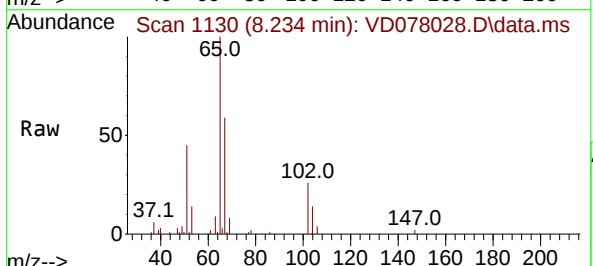
Acq: 21 Dec 2023 16:18

Tgt Ion: 65 Resp: 76818

Ion Ratio Lower Upper

65 100

67 56.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078028.D

Acq: 21 Dec 2023 16:18

Instrument :

MSVOA_D

ClientSampleId :

MR-320-0-2

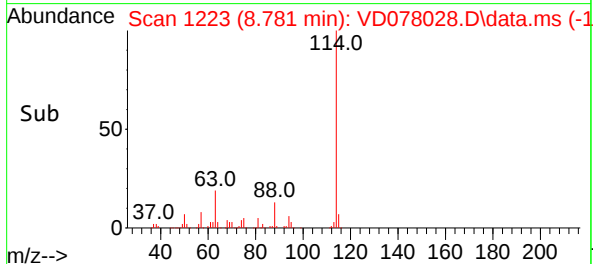
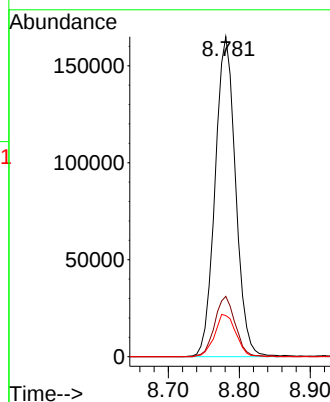
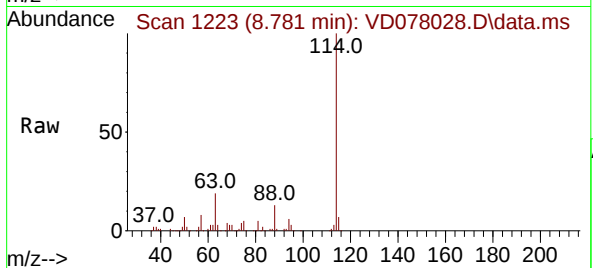
Tgt Ion:114 Resp: 329909

Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 12.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 41.493 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078028.D

Acq: 21 Dec 2023 16:18

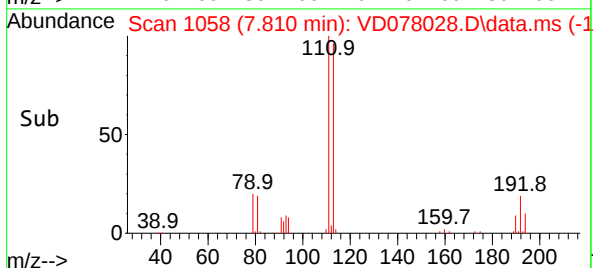
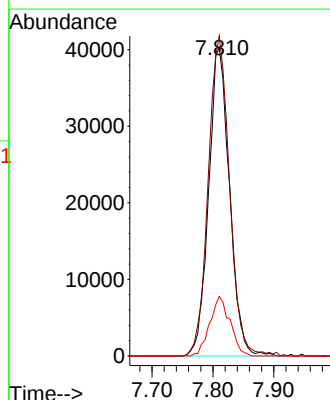
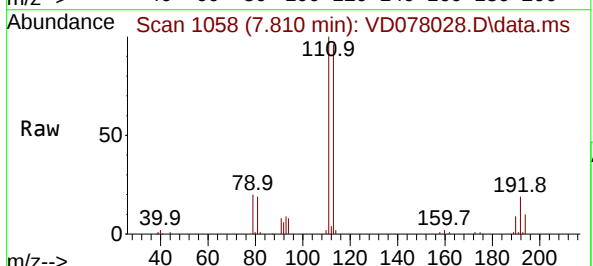
Tgt Ion:113 Resp: 95887

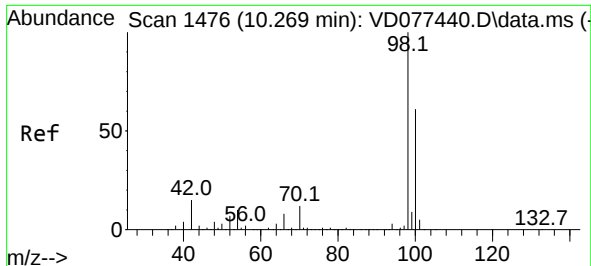
Ion Ratio Lower Upper

113 100

111 106.2 84.7 127.1

192 18.7 16.8 25.2

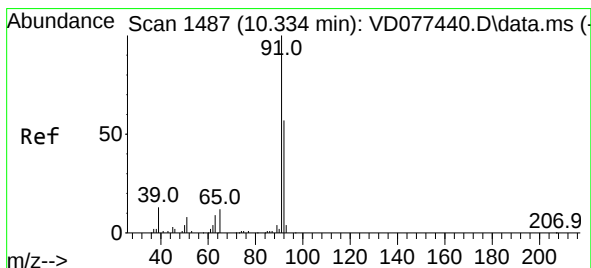
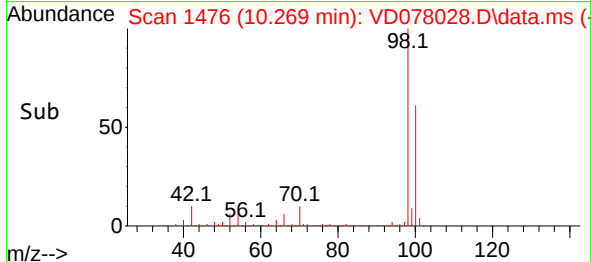
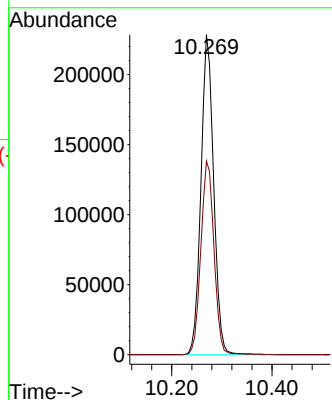
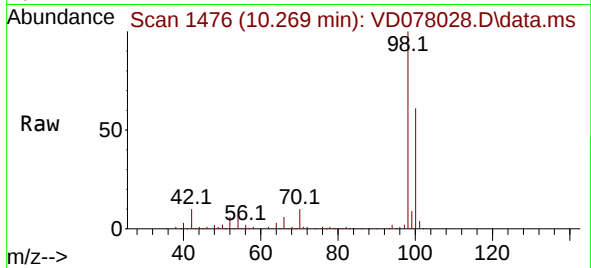




#50
Toluene-d8
Concen: 43.401 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078028.D
Acq: 21 Dec 2023 16:18

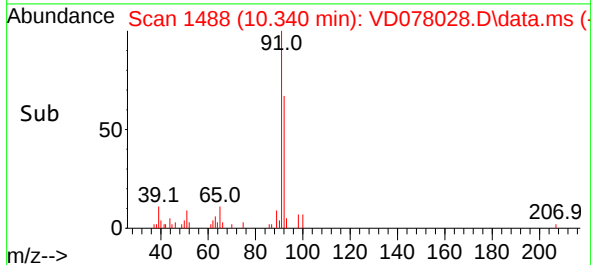
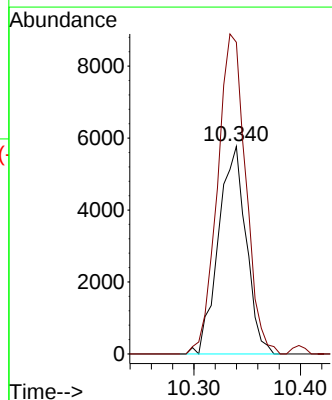
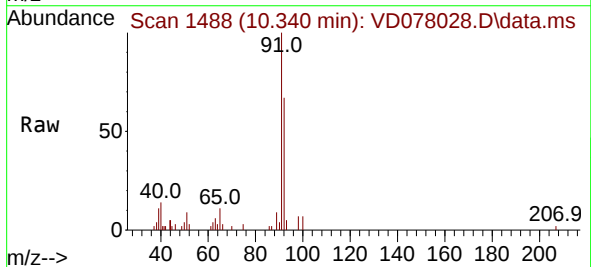
Instrument :
MSVOA_D
ClientSampleId :
MR-320-0-2

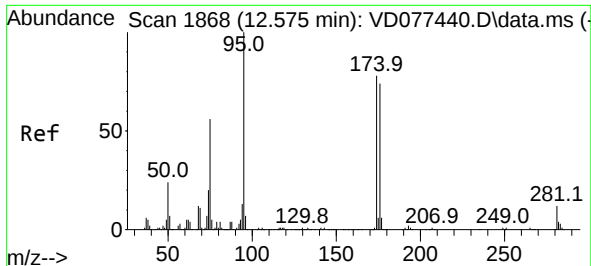
Tgt Ion: 98 Resp: 401697
Ion Ratio Lower Upper
98 100
100 62.6 50.3 75.5



#52
Toluene
Concen: 1.598 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD078028.D
Acq: 21 Dec 2023 16:18

Tgt Ion: 92 Resp: 10398
Ion Ratio Lower Upper
92 100
91 158.1 143.0 214.4

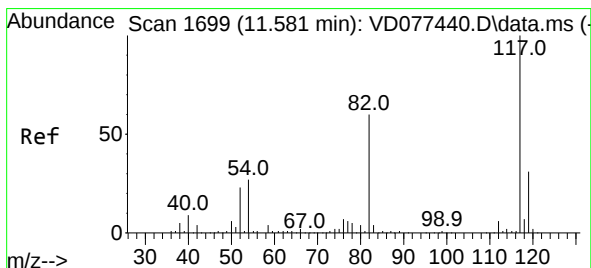
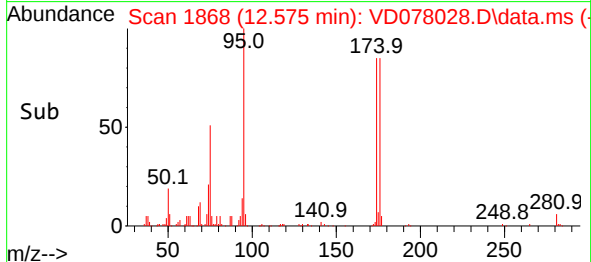
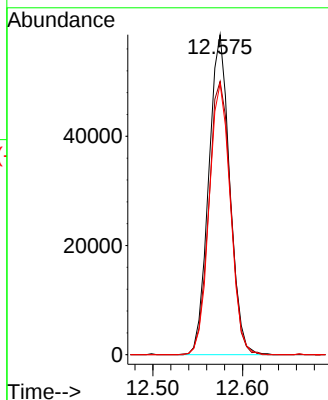
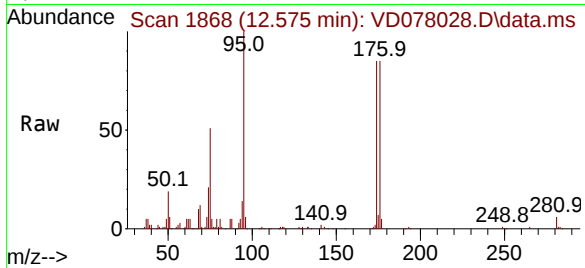




#62
4-Bromofluorobenzene
Concen: 34.428 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078028.D
Acq: 21 Dec 2023 16:18

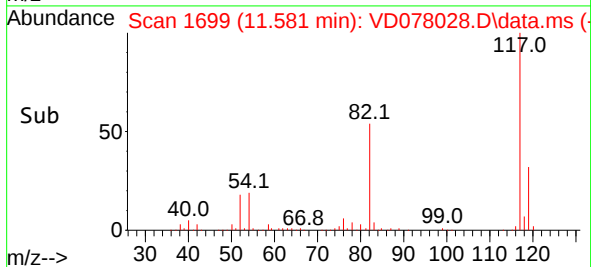
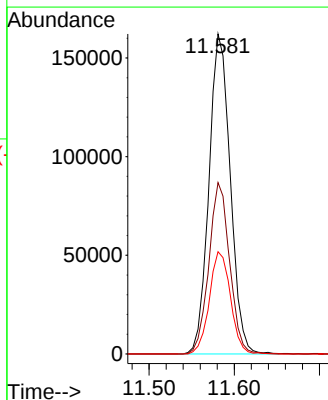
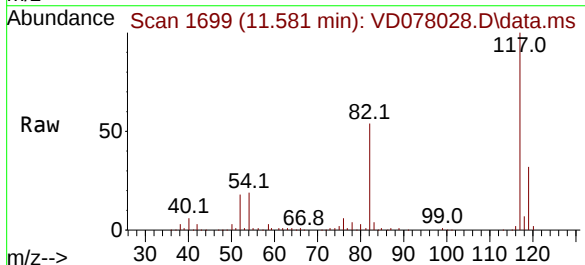
Instrument :
MSVOA_D
ClientSampleId :
MR-320-0-2

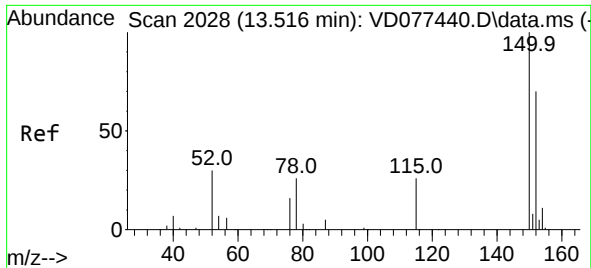
Tgt Ion:	95	Resp:	95268
Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	201.8
176	85.5	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078028.D
Acq: 21 Dec 2023 16:18

Tgt Ion:	117	Resp:	281843
Ion	Ratio	Lower	Upper
117	100		
82	53.6	38.3	57.5
119	32.0	25.0	37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD078028.D

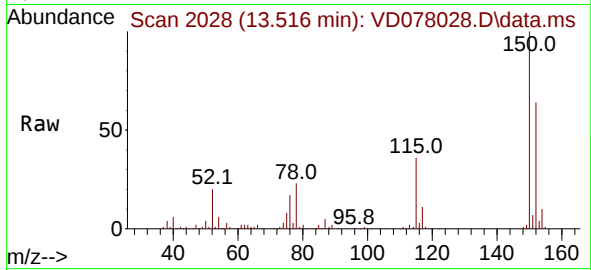
Acq: 21 Dec 2023 16:18

Instrument :

MSVOA_D

ClientSampleId :

MR-320-0-2



Tgt Ion:152 Resp: 86574

Ion Ratio Lower Upper

152 100

115 55.8 27.1 81.3

150 155.6 0.0 353.6

