

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078497.D
 Acq On : 21 Feb 2024 14:23
 Operator : RP/MD
 Sample : P1538-02
 Misc : 5.05G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241097-COMPOSITE-35N-N-4-02

Quant Time: Feb 22 00:04:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

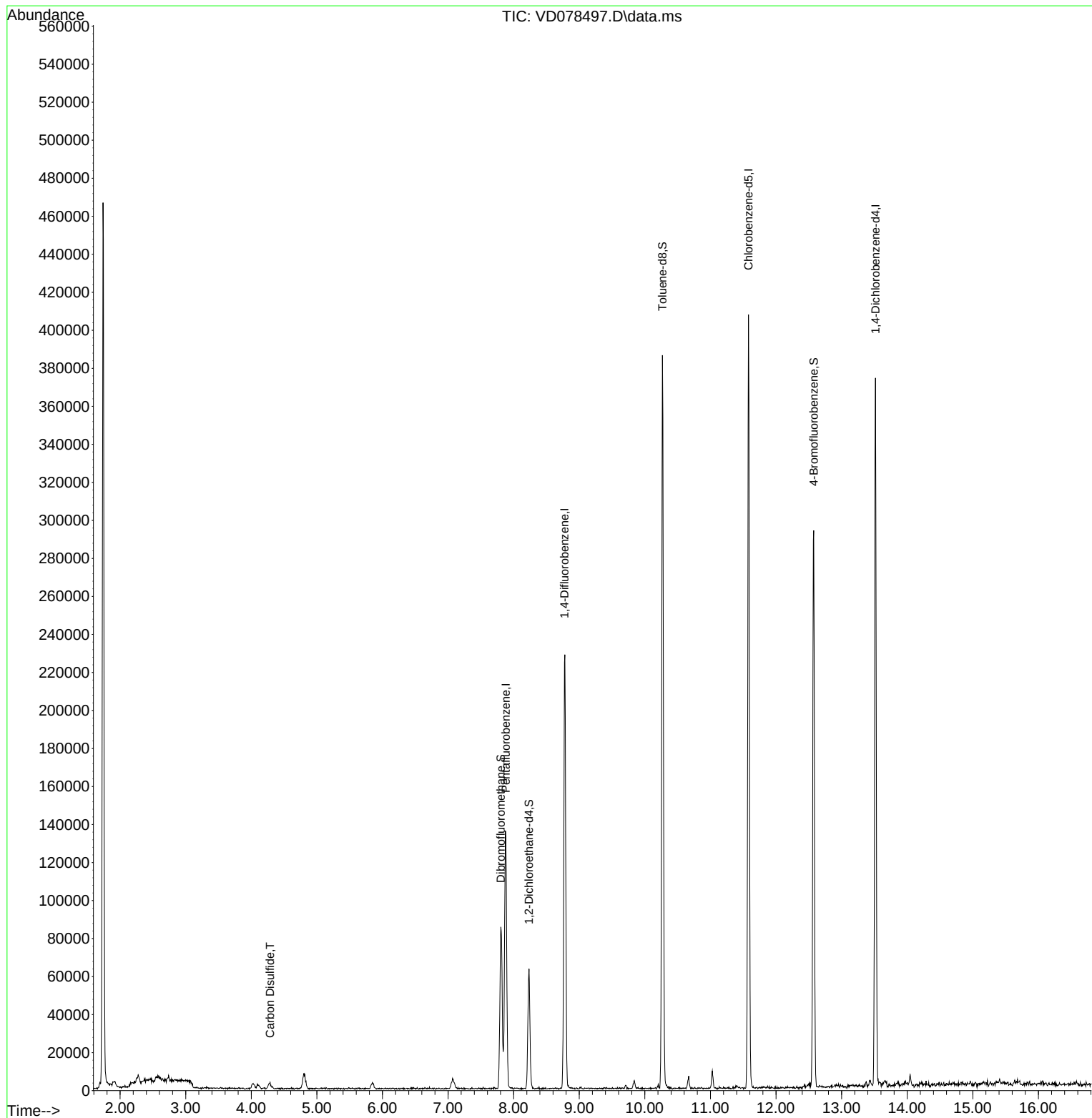
Internal Standards						
1) Pentafluorobenzene	7.881	168	105372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	210397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	242553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	47495	41.687	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.380%
35) Dibromofluoromethane	7.804	113	64974	48.616	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.240%
50) Toluene-d8	10.269	98	271259	50.738	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.575	95	91933	59.091	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	118.180%
Target Compounds						
17) Carbon Disulfide	4.287	76	5455	1.411	ug/l #	Qvalue 86

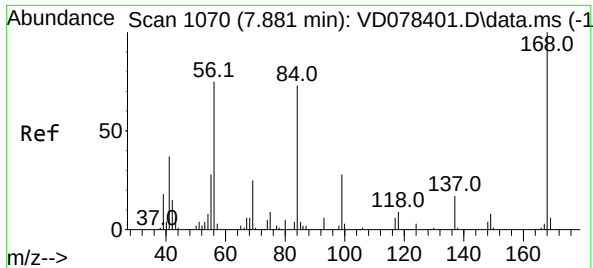
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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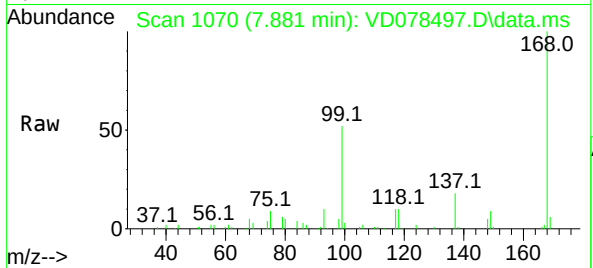
Quant Time: Feb 22 00:04:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
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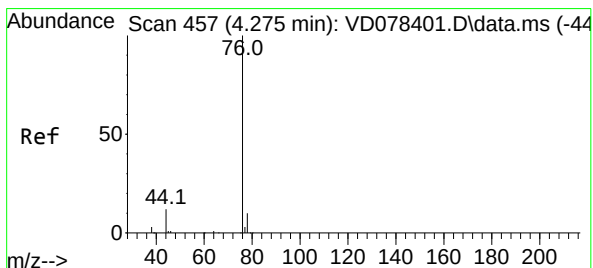
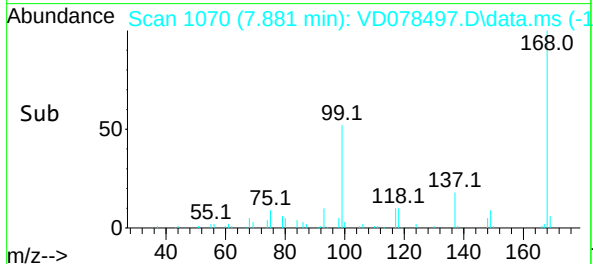
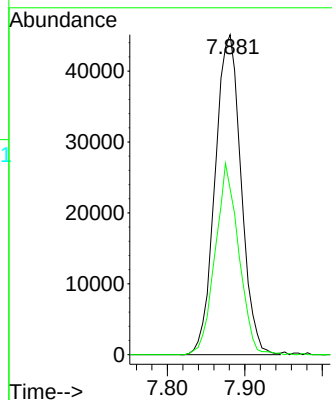


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078497.D
Acq: 21 Feb 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :
20241097-COMPOSITE-35N-N-4-02

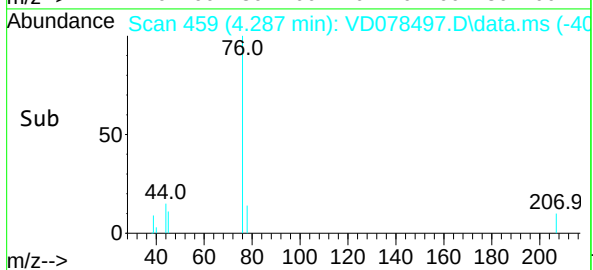
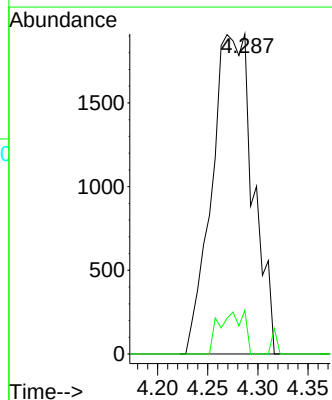
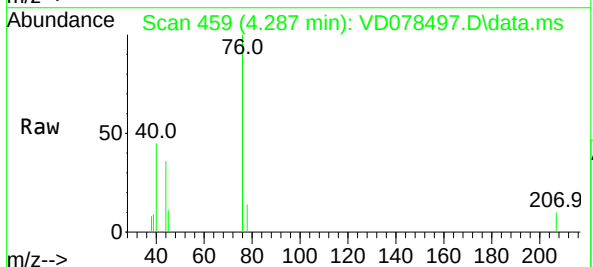


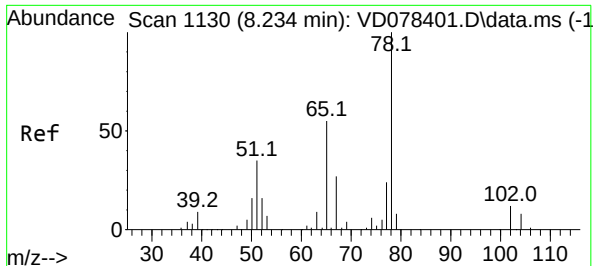
Tgt Ion:168 Resp: 105372
Ion Ratio Lower Upper
168 100
99 51.8 36.7 55.1



#17
Carbon Disulfide
Concen: 1.411 ug/l
RT: 4.287 min Scan# 459
Delta R.T. 0.012 min
Lab File: VD078497.D
Acq: 21 Feb 2024 14:23

Tgt Ion: 76 Resp: 5455
Ion Ratio Lower Upper
76 100
78 13.6 6.8 10.2#





#33

1,2-Dichloroethane-d4

Concen: 41.687 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078497.D

Acq: 21 Feb 2024 14:23

Instrument :

MSVOA_D

ClientSampleId :

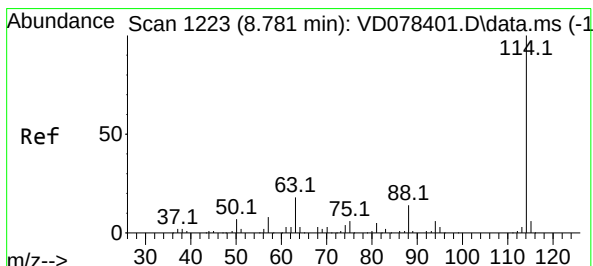
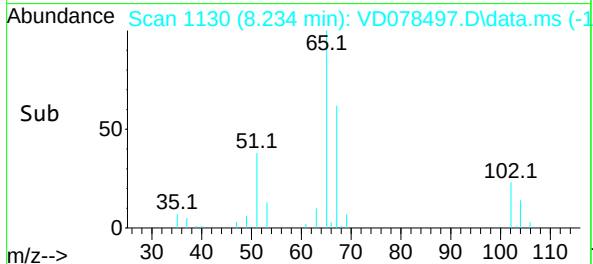
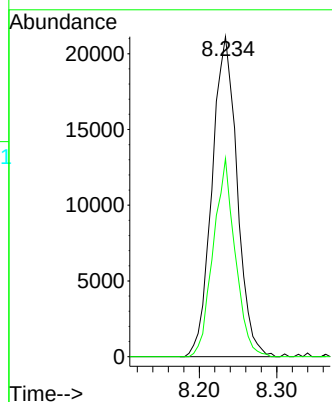
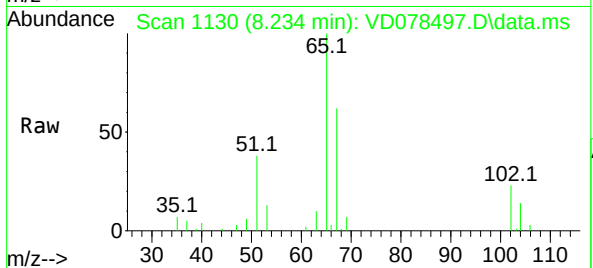
20241097-COMPOSITE-35N-N-4-02

Tgt Ion: 65 Resp: 47495

Ion Ratio Lower Upper

65 100

67 54.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078497.D

Acq: 21 Feb 2024 14:23

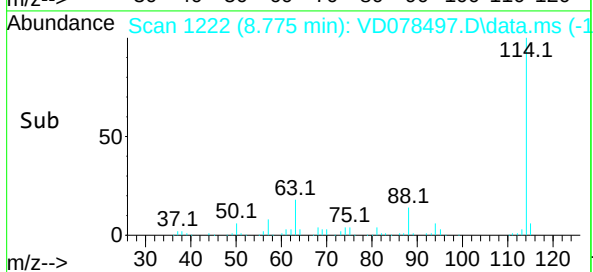
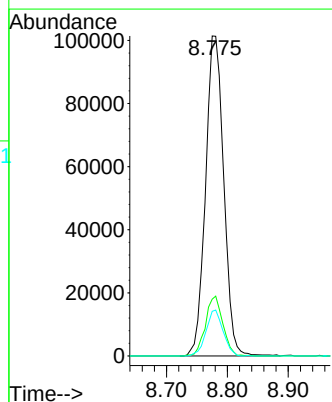
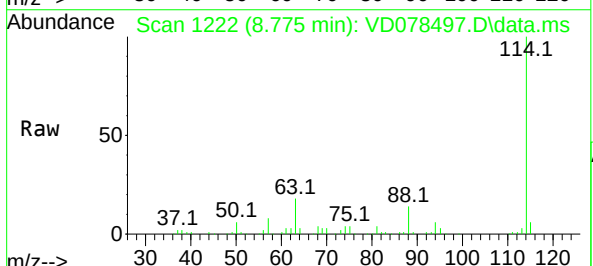
Tgt Ion:114 Resp: 210397

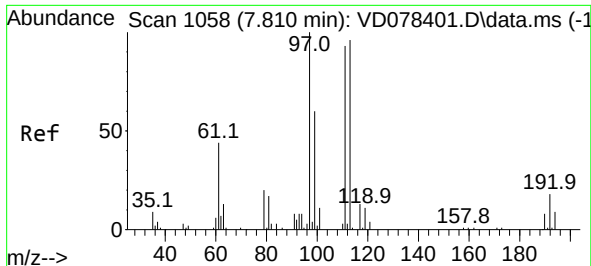
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 13.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.616 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078497.D

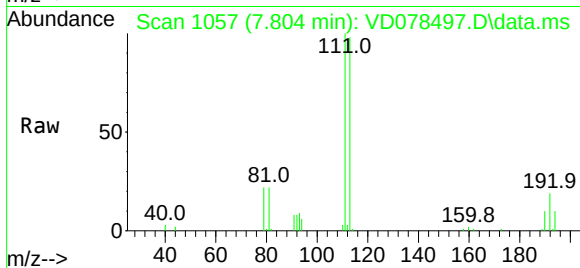
Acq: 21 Feb 2024 14:23

Instrument :

MSVOA_D

ClientSampleId :

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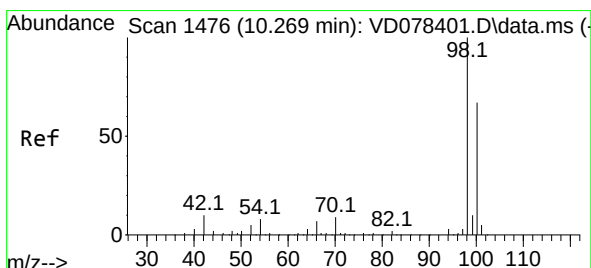
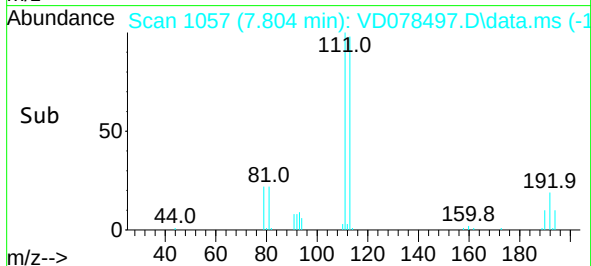
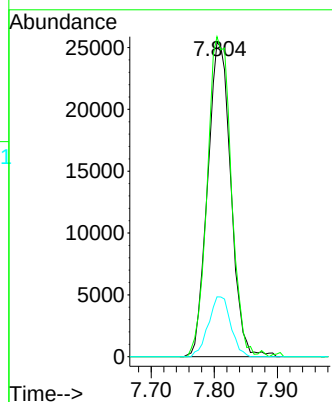
Tgt Ion:113 Resp: 64974

Ion Ratio Lower Upper

113 100

111 103.9 84.7 127.1

192 18.2 16.8 25.2



#50

Toluene-d8

Concen: 50.738 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078497.D

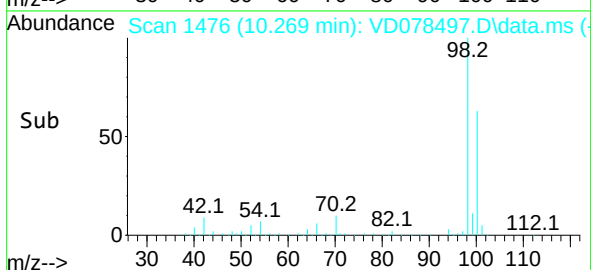
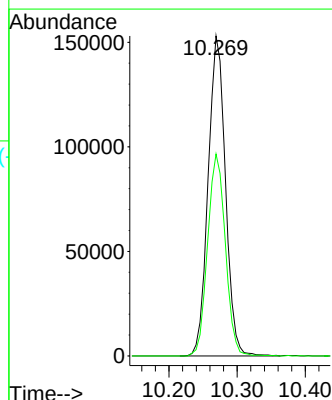
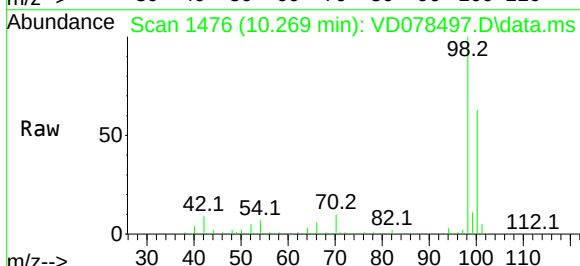
Acq: 21 Feb 2024 14:23

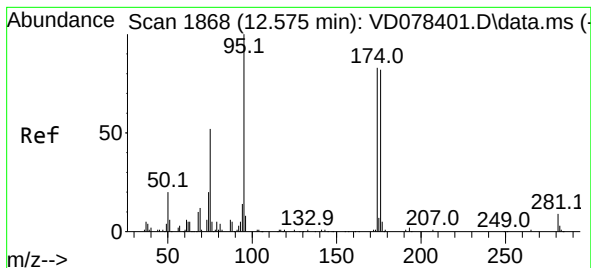
Tgt Ion: 98 Resp: 271259

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5

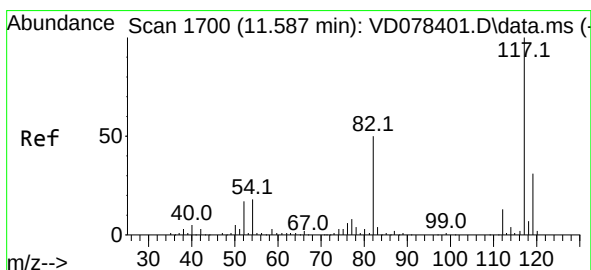
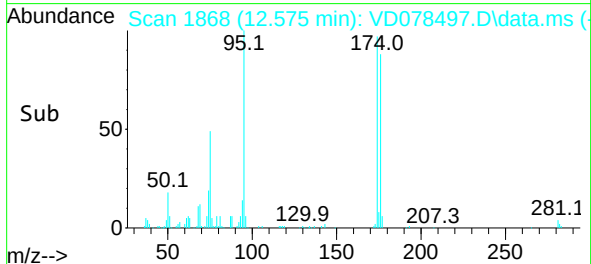
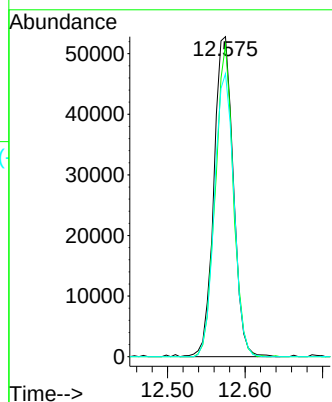
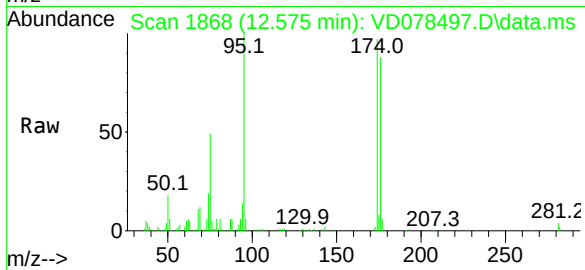




#62
4-Bromofluorobenzene
Concen: 59.091 ug/l
RT: 12.575 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078497.D
Acq: 21 Feb 2024 14:23

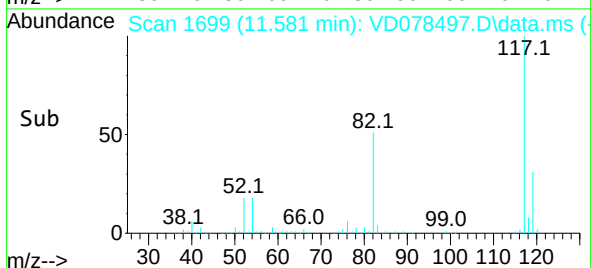
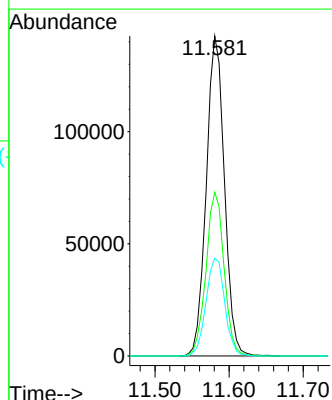
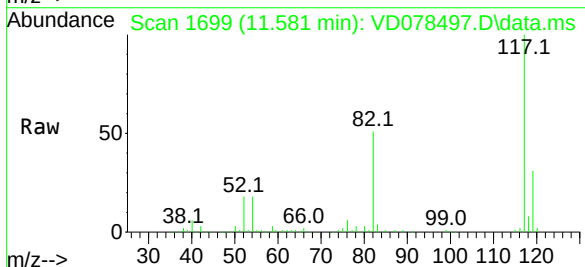
Instrument : MSVOA_D
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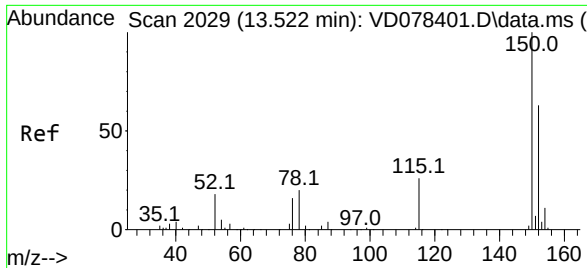
Tgt Ion:	95	Resp:	91933
Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	201.8
176	88.4	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078497.D
Acq: 21 Feb 2024 14:23

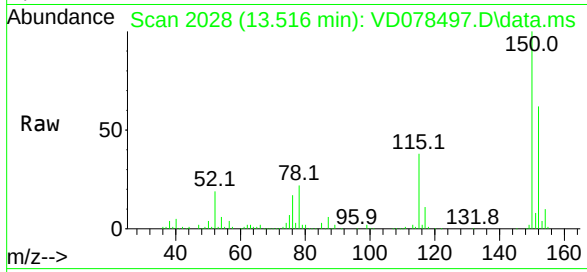
Tgt Ion:	117	Resp:	242553
Ion	Ratio	Lower	Upper
117	100		
82	51.2	38.3	57.5
119	30.6	25.0	37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD078497.D
Acq: 21 Feb 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :
20241097-COMPOSITE-35N-N-4-02



Tgt Ion:152 Resp: 98572
Ion Ratio Lower Upper
152 100
115 59.6 27.1 81.3
150 161.7 0.0 353.6

