

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079497.D
 Acq On : 31 Jul 2024 15:28
 Operator : RP/MD
 Sample : P3379-03
 Misc : 6.88G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU4-PCS-02-072324

Quant Time: Aug 01 01:52:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

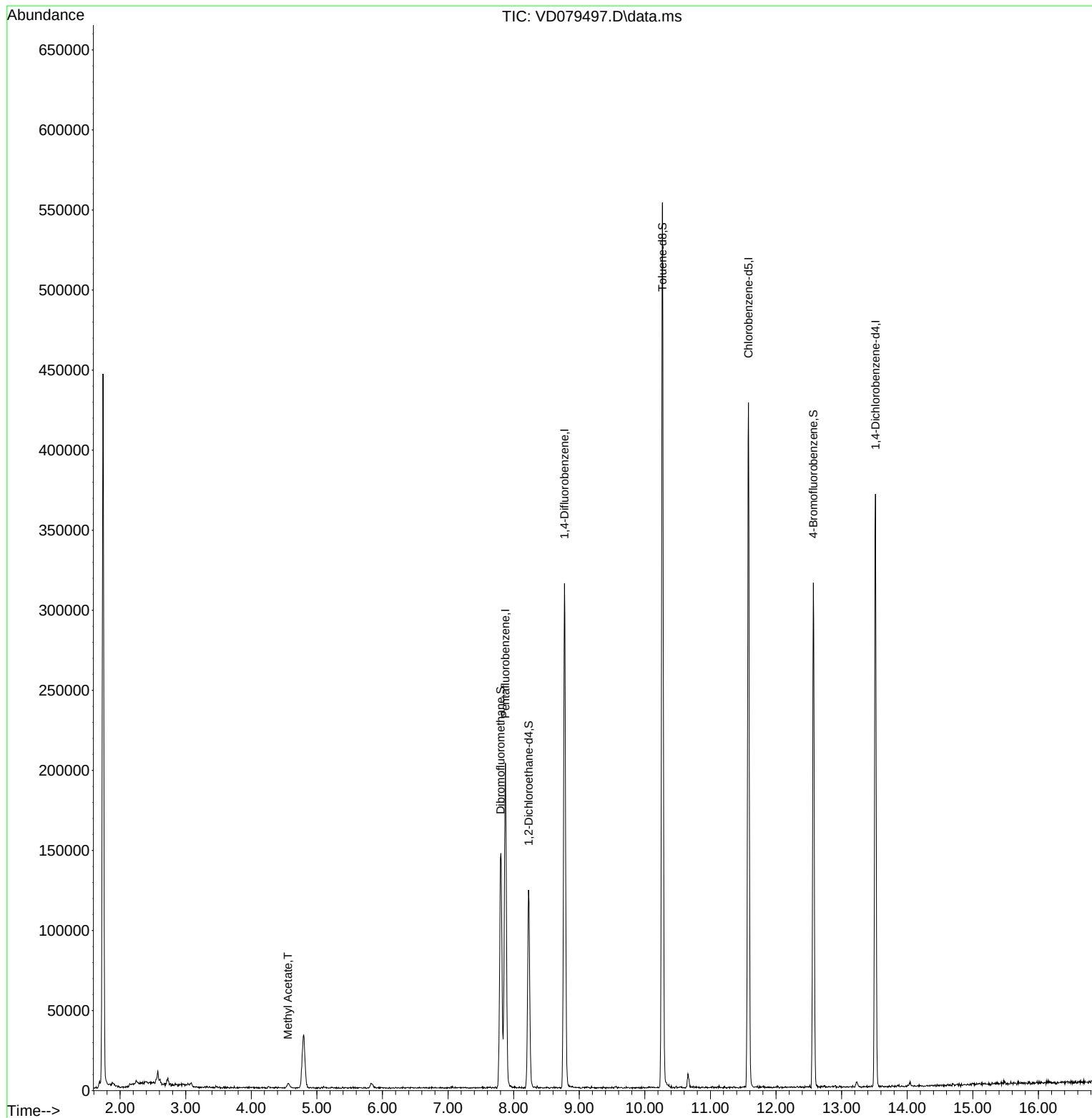
Internal Standards						
1) Pentafluorobenzene	7.875	168	160149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	294396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	265345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93128	57.240	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.480%
35) Dibromofluoromethane	7.799	113	109862	55.135	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.260%
50) Toluene-d8	10.269	98	392318	50.700	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.400%
62) 4-Bromofluorobenzene	12.569	95	95272	42.547	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.100%
Target Compounds						
18) Methyl Acetate	4.558	43	5187	5.284	ug/l	92

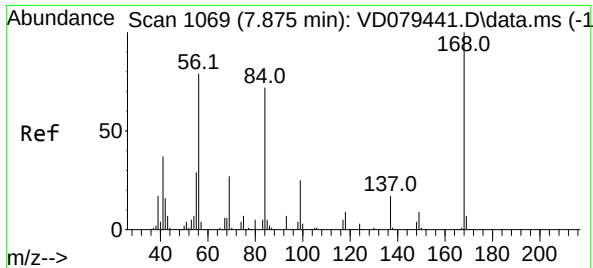
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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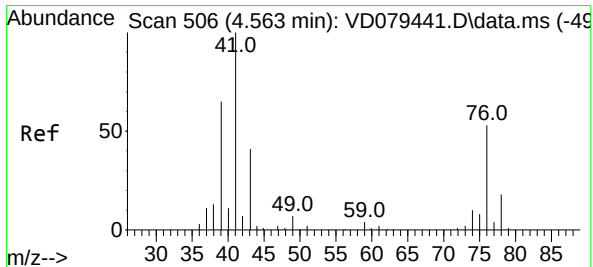
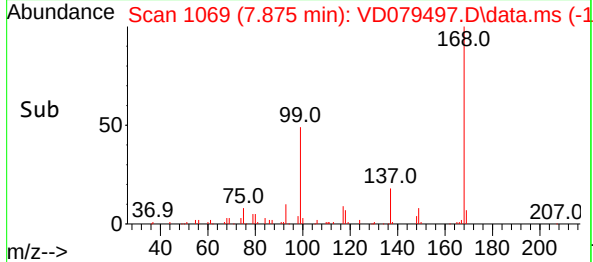
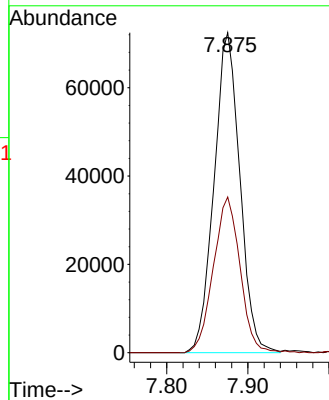
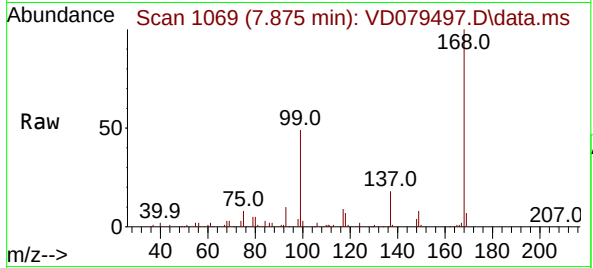




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079497.D
Acq: 31 Jul 2024 15:28

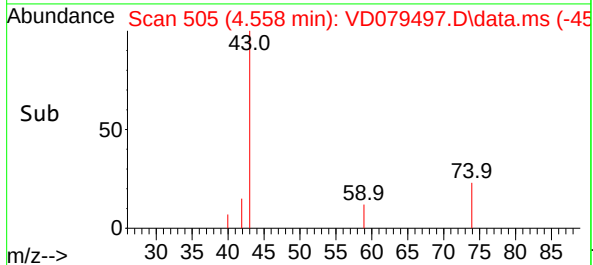
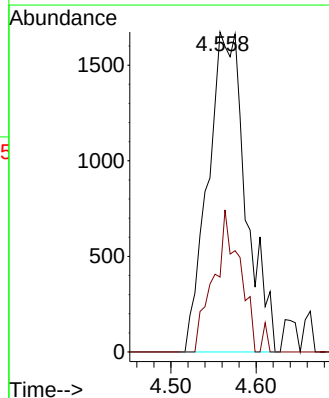
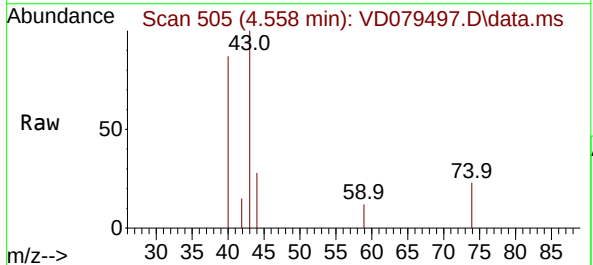
Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-02-072324

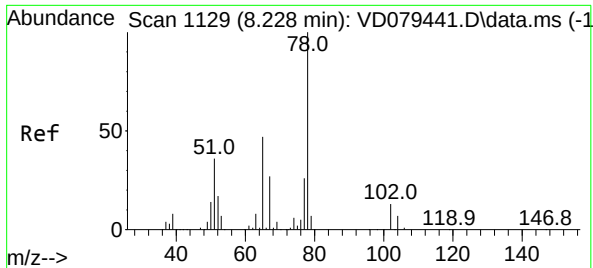
Tgt Ion:168 Resp: 160149
Ion Ratio Lower Upper
168 100
99 48.7 41.1 61.7



#18
Methyl Acetate
Concen: 5.284 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD079497.D
Acq: 31 Jul 2024 15:28

Tgt Ion: 43 Resp: 5187
Ion Ratio Lower Upper
43 100
74 30.2 28.1 42.1





#33

1,2-Dichloroethane-d4

Concen: 57.240 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079497.D

Acq: 31 Jul 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

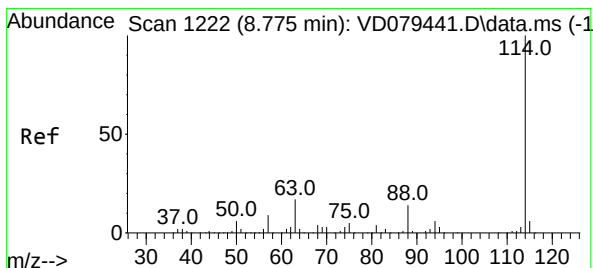
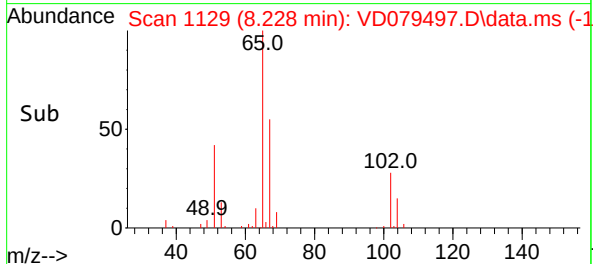
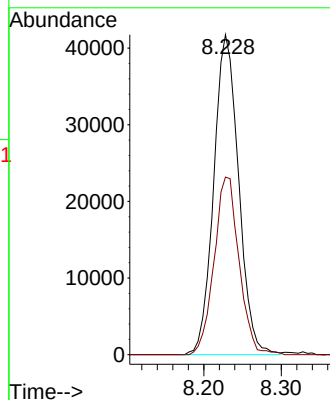
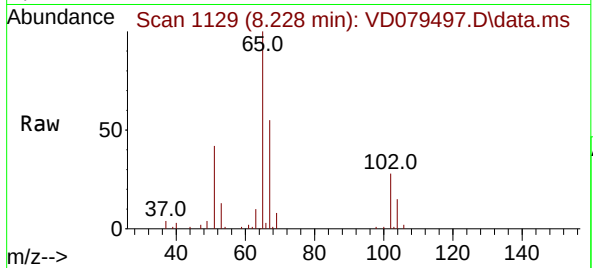
OU4-PCS-02-072324

Tgt Ion: 65 Resp: 93128

Ion Ratio Lower Upper

65 100

67 55.8 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079497.D

Acq: 31 Jul 2024 15:28

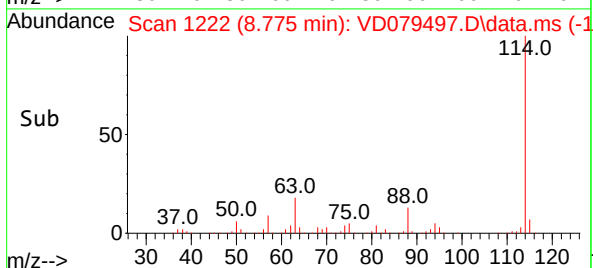
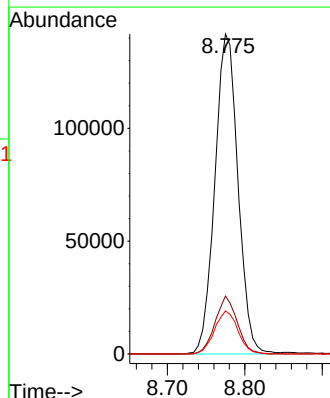
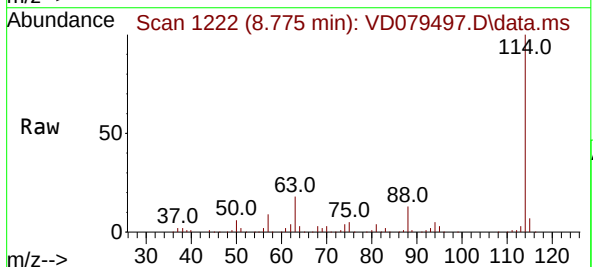
Tgt Ion: 114 Resp: 294396

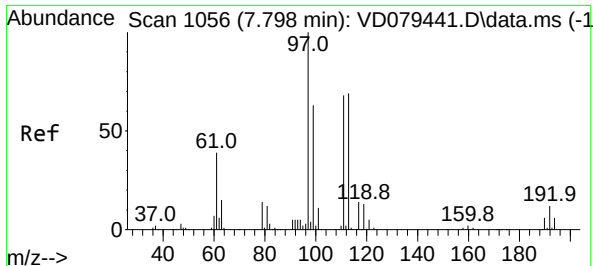
Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.0

88 13.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 55.135 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079497.D

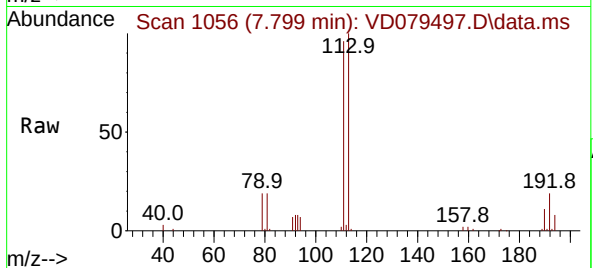
Acq: 31 Jul 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

OU4-PCS-02-072324



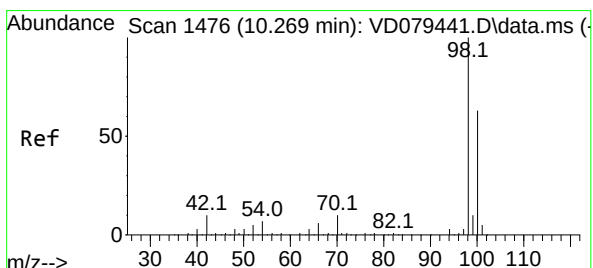
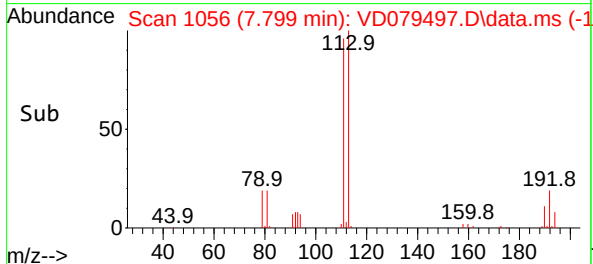
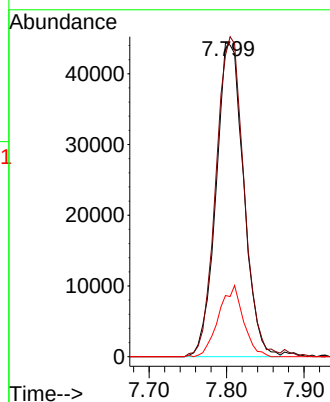
Tgt Ion:113 Resp: 109862

Ion Ratio Lower Upper

113 100

111 103.3 84.0 126.0

192 20.3 15.4 23.0



#50

Toluene-d8

Concen: 50.700 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079497.D

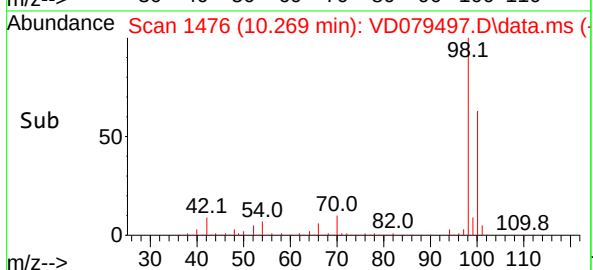
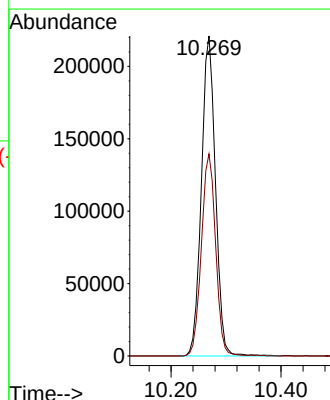
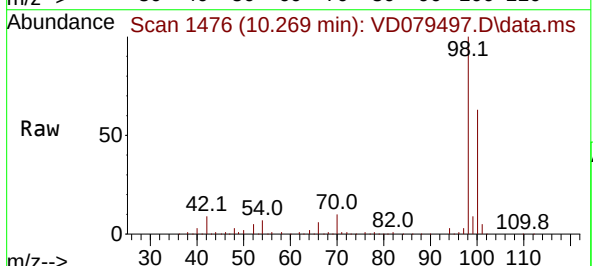
Acq: 31 Jul 2024 15:28

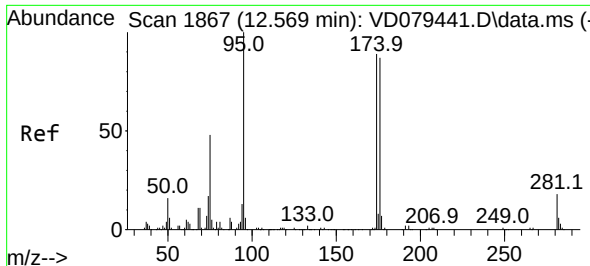
Tgt Ion: 98 Resp: 392318

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4

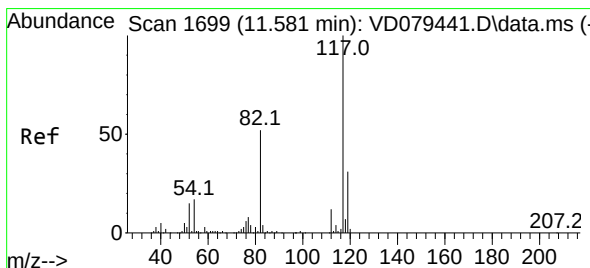
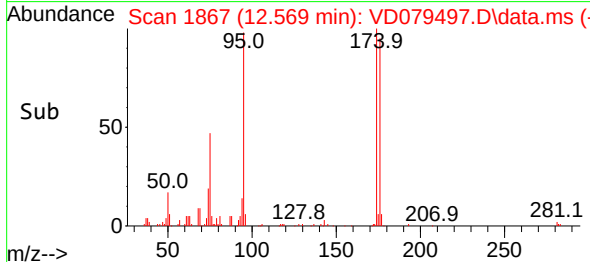
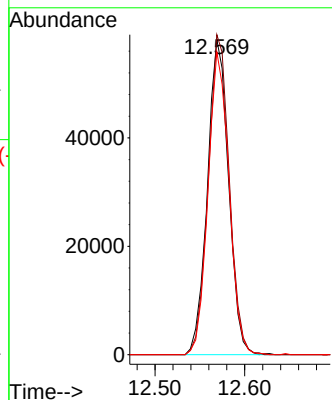
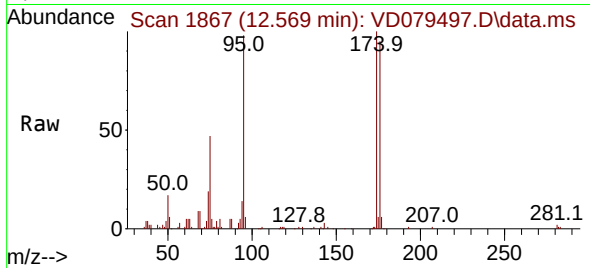




#62
4-Bromofluorobenzene
Concen: 42.547 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079497.D
Acq: 31 Jul 2024 15:28

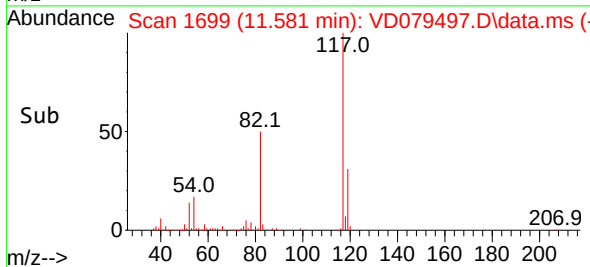
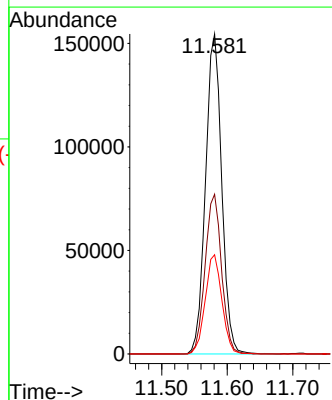
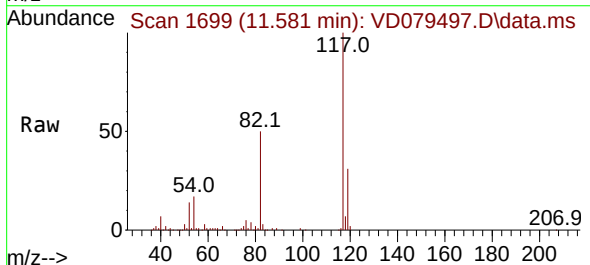
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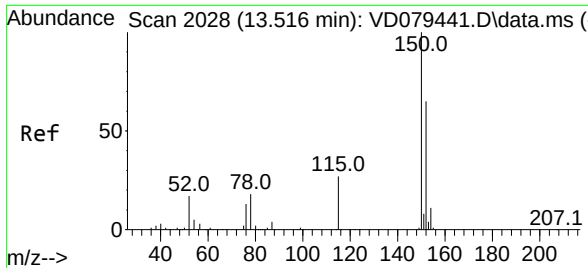
Tgt Ion:	95	Resp:	95272
Ion	Ratio	Lower	Upper
95	100		
174	101.1	0.0	195.4
176	95.0	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079497.D
Acq: 31 Jul 2024 15:28

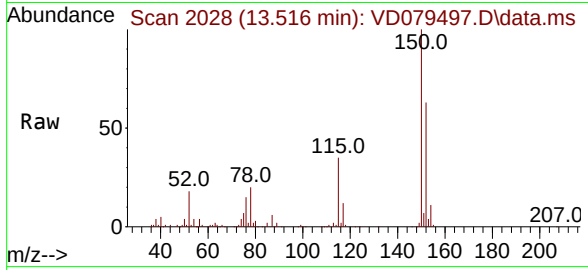
Tgt Ion:	117	Resp:	265345
Ion	Ratio	Lower	Upper
117	100		
82	49.9	39.8	59.6
119	31.0	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079497.D
 Acq: 31 Jul 2024 15:28

Instrument :
 MSVOA_D
 ClientSampleId :
 OU4-PCS-02-072324



Tgt Ion:	152	Resp:	105740
Ion Ratio	Lower	Upper	
152	100		
115	55.6	26.5	79.5
150	157.6	0.0	341.6

