

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079496.D
 Acq On : 31 Jul 2024 15:01
 Operator : RP/MD
 Sample : P3379-01
 Misc : 6.42G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU4-PCS-01-072324

Quant Time: Aug 01 01:51:37 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)

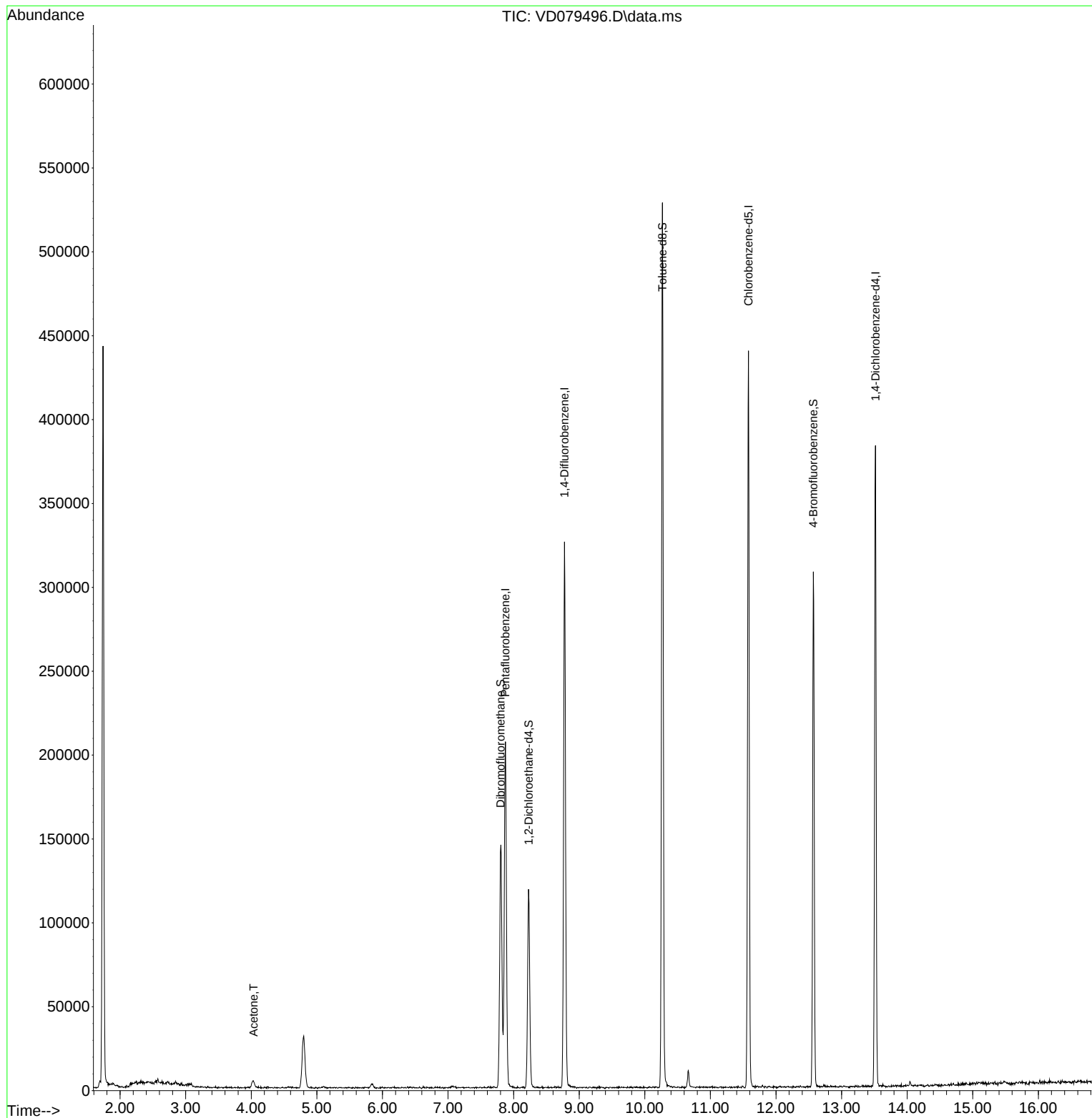
Internal Standards						
1) Pentafluorobenzene	7.875	168	167018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	297167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	268616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91471	53.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.820%	
35) Dibromofluoromethane	7.799	113	105570	52.487	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.980%	
50) Toluene-d8	10.269	98	379464	48.582	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.160%	
62) 4-Bromofluorobenzene	12.569	95	93429	41.335	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.660%	
Target Compounds						
16) Acetone	4.034	43	7905	23.973	ug/l	Qvalue # 85

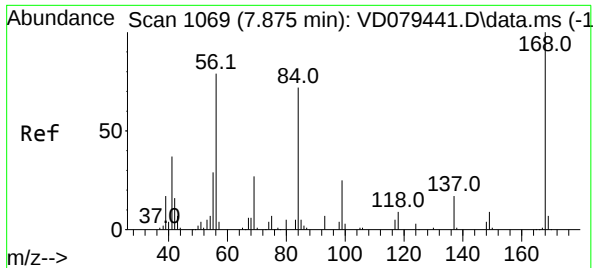
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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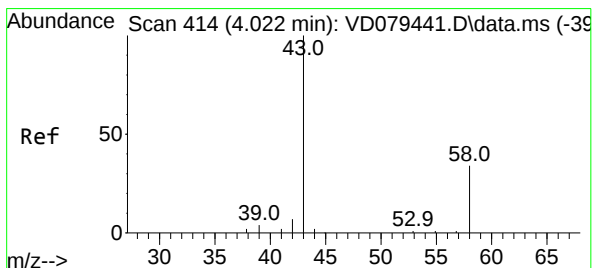
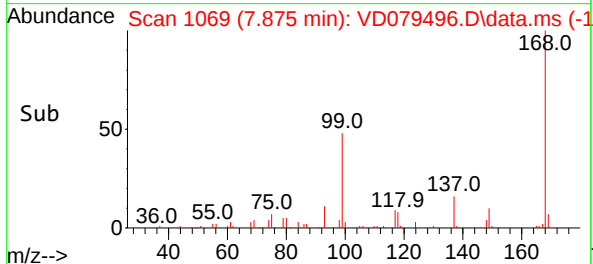
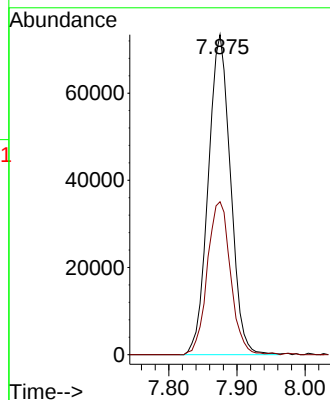
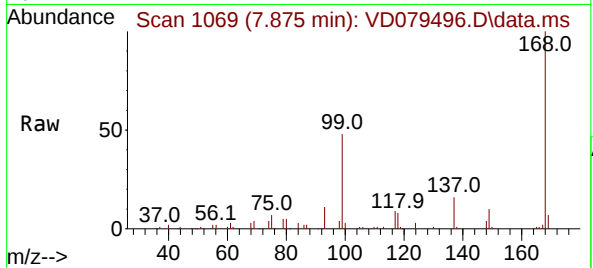




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079496.D
Acq: 31 Jul 2024 15:01

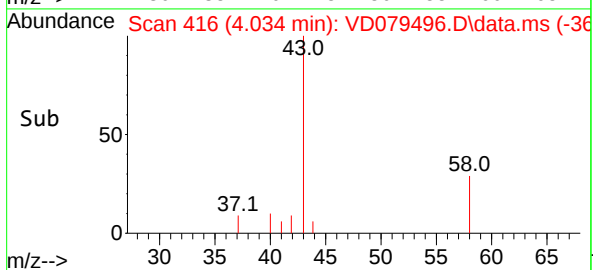
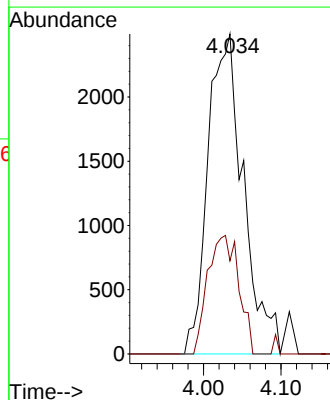
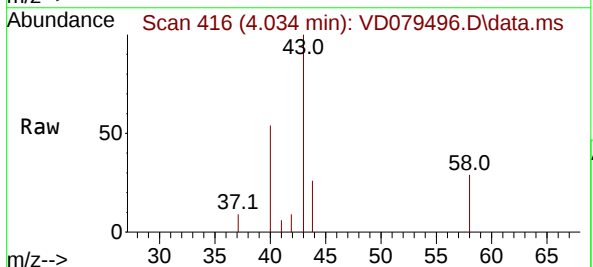
Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-01-072324

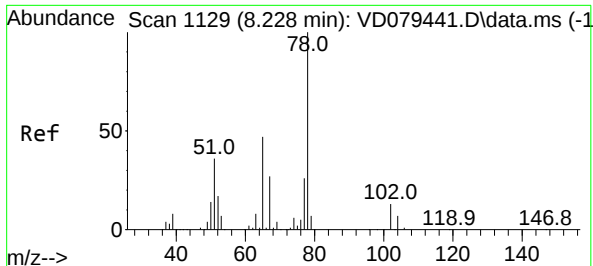
Tgt Ion:168 Resp: 167018
Ion Ratio Lower Upper
168 100
99 47.8 41.1 61.7



#16
Acetone
Concen: 23.973 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD079496.D
Acq: 31 Jul 2024 15:01

Tgt Ion: 43 Resp: 7905
Ion Ratio Lower Upper
43 100
58 29.1 30.4 45.6#





#33

1,2-Dichloroethane-d4

Concen: 53.910 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079496.D

Acq: 31 Jul 2024 15:01

Instrument :

MSVOA_D

ClientSampleId :

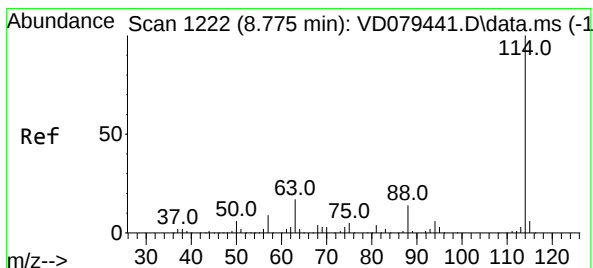
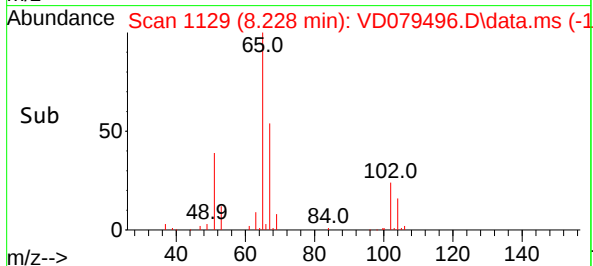
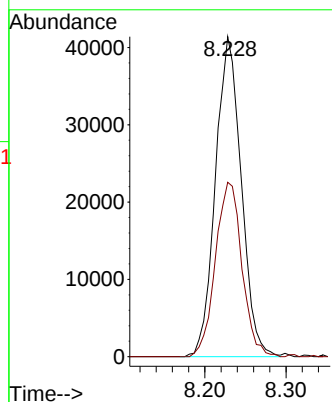
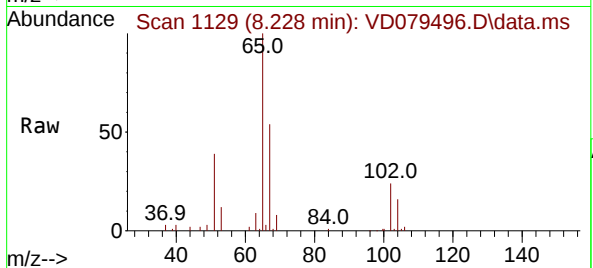
OU4-PCS-01-072324

Tgt Ion: 65 Resp: 91471

Ion Ratio Lower Upper

65 100

67 56.0 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: VD079496.D

Acq: 31 Jul 2024 15:01

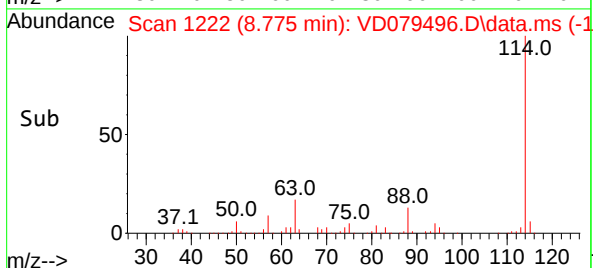
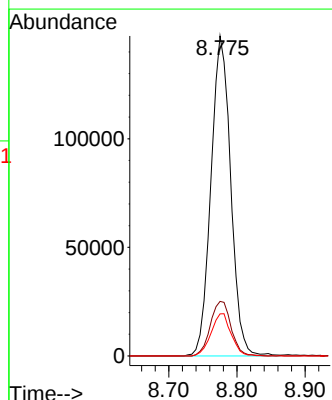
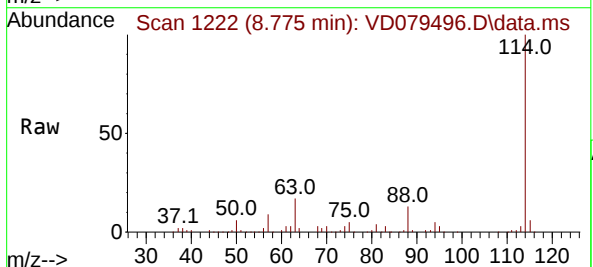
Tgt Ion: 114 Resp: 297167

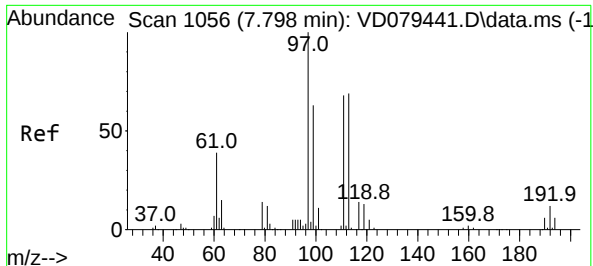
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.0

88 13.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.487 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079496.D

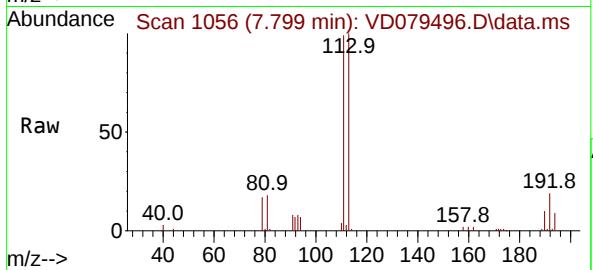
Acq: 31 Jul 2024 15:01

Instrument :

MSVOA_D

ClientSampleId :

OU4-PCS-01-072324



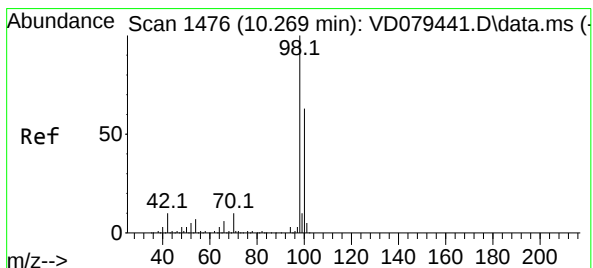
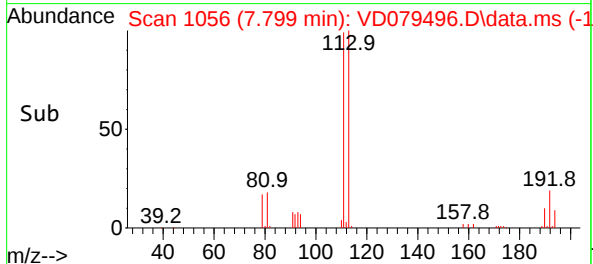
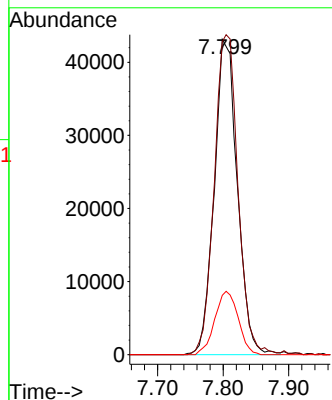
Tgt Ion:113 Resp: 105570

Ion Ratio Lower Upper

113 100

111 103.9 84.0 126.0

192 20.3 15.4 23.0



#50

Toluene-d8

Concen: 48.582 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079496.D

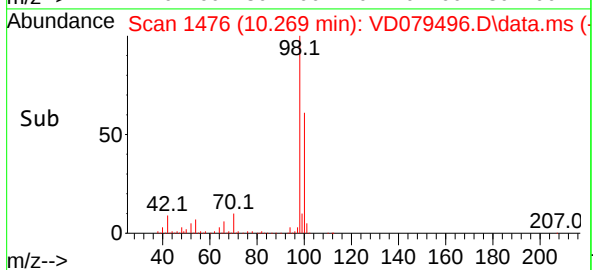
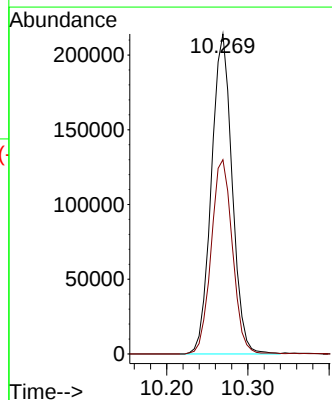
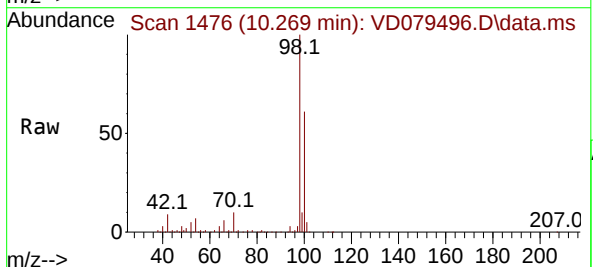
Acq: 31 Jul 2024 15:01

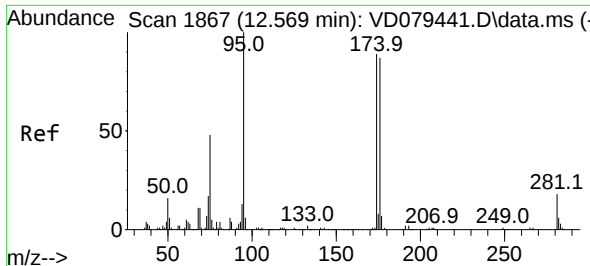
Tgt Ion: 98 Resp: 379464

Ion Ratio Lower Upper

98 100

100 62.3 51.6 77.4

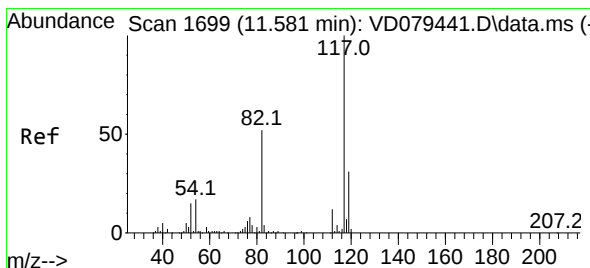
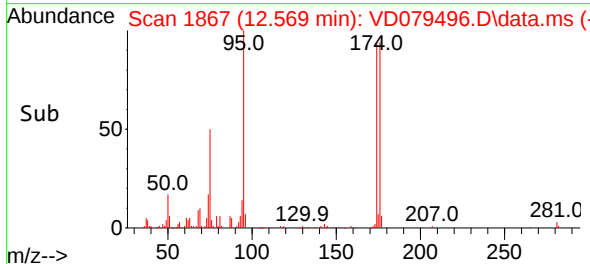
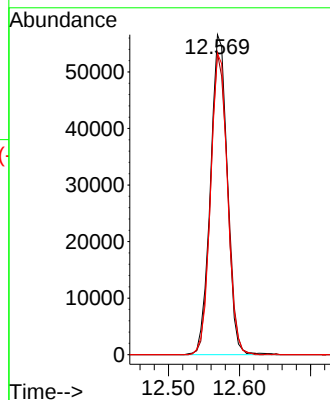
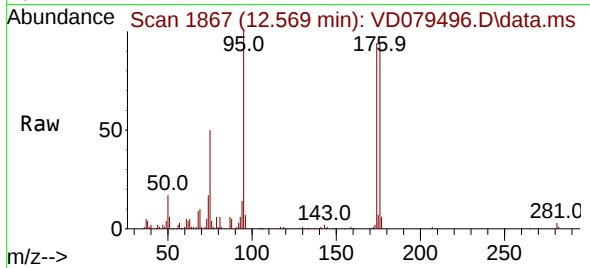




#62
4-Bromofluorobenzene
Concen: 41.335 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079496.D
Acq: 31 Jul 2024 15:01

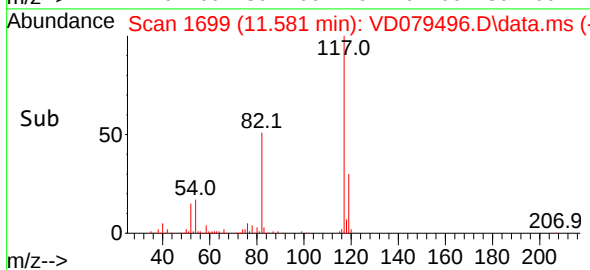
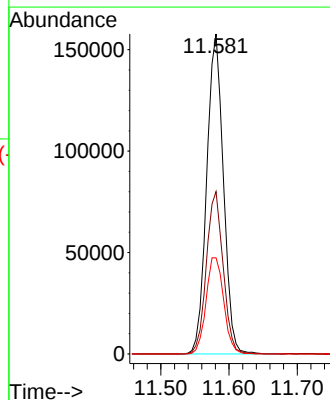
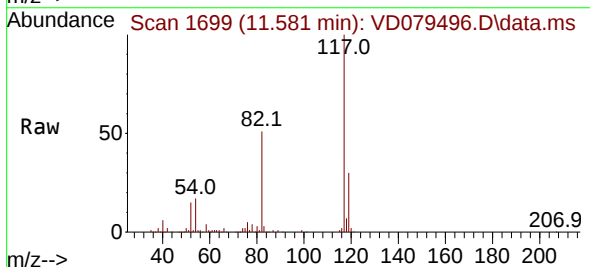
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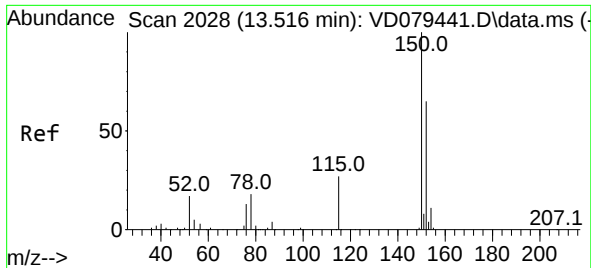
Tgt Ion: 95 Resp: 93429
Ion Ratio Lower Upper
95 100
174 95.5 0.0 195.4
176 94.1 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079496.D
Acq: 31 Jul 2024 15:01

Tgt Ion: 117 Resp: 268616
Ion Ratio Lower Upper
117 100
82 50.8 39.8 59.6
119 30.1 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: VD079496.D

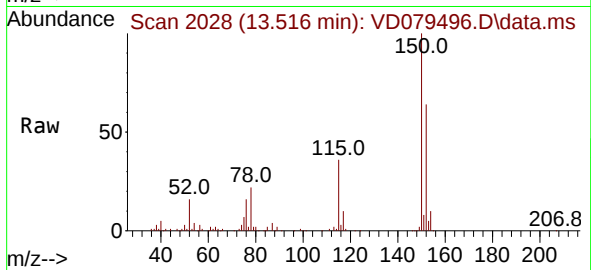
Acq: 31 Jul 2024 15:01

Instrument :

MSVOA_D

ClientSampleId :

OU4-PCS-01-072324



Tgt Ion:152 Resp: 110638

Ion Ratio Lower Upper

152 100

115 54.5 26.5 79.5

150 157.5 0.0 341.6

