

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079461.D
 Acq On : 30 Jul 2024 16:20
 Operator : RP/MD
 Sample : P3379-09
 Misc : 6.71G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU4-PCS-05-072324

Quant Time: Jul 31 01:54:23 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)

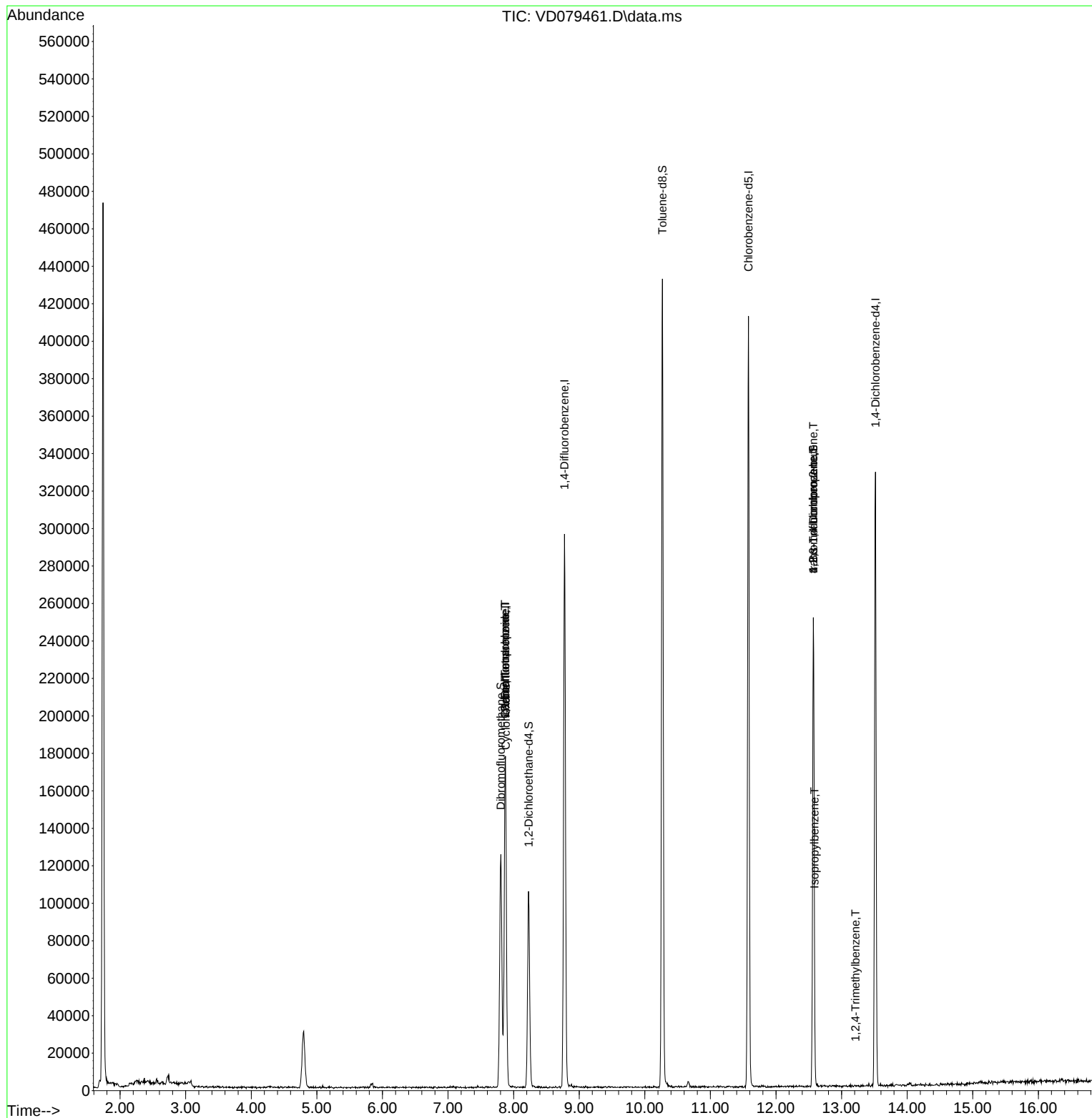
Internal Standards						
1) Pentafluorobenzene	7.875	168	146174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	274446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	245936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79369	53.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.900%	
35) Dibromofluoromethane	7.805	113	91782	49.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.820%	
50) Toluene-d8	10.269	98	310653	43.065	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 86.120%	
62) 4-Bromofluorobenzene	12.569	95	74947	35.903	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 71.800%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.693	94	63	Below Cal	#	1
20) Methylene Chloride	4.793	84	24758	Below Cal		95
31) Cyclohexane	7.881	56	2776	1.126	ug/l #	33
36) 1,1-Dichloropropene	7.869	75	11286	4.451	ug/l #	46
38) Carbon Tetrachloride	7.869	117	13824	5.187	ug/l #	15
73) Isopropylbenzene	12.587	105	59	3.635	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	38869	46.314	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	38869	88.333	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.210	105	82	3.441	ug/l #	29

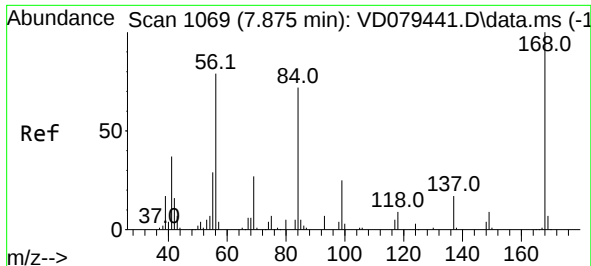
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OU4-PCS-05-072324

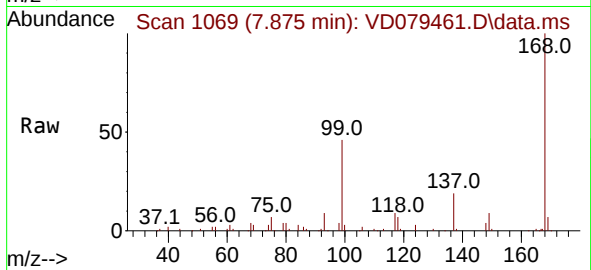
Quant Time: Jul 31 01:54:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



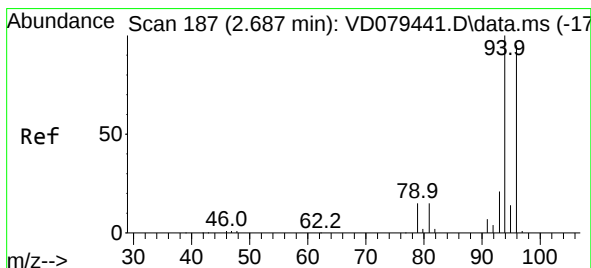
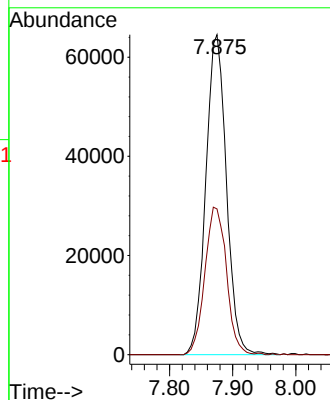
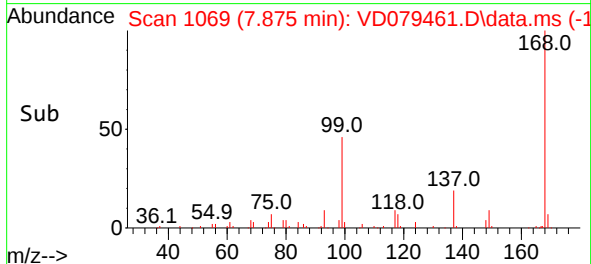


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079461.D
Acq: 30 Jul 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-05-072324

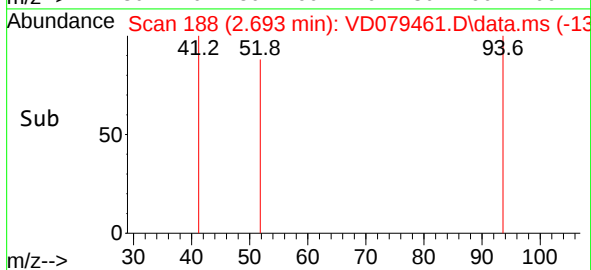
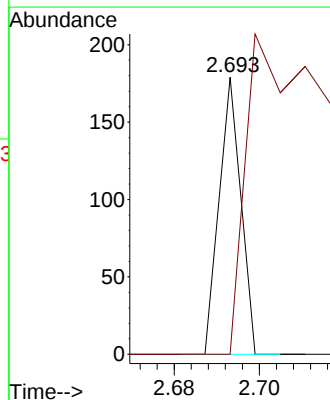
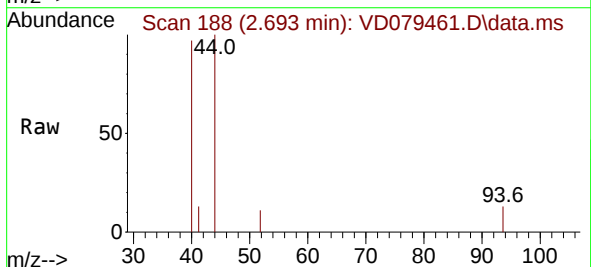


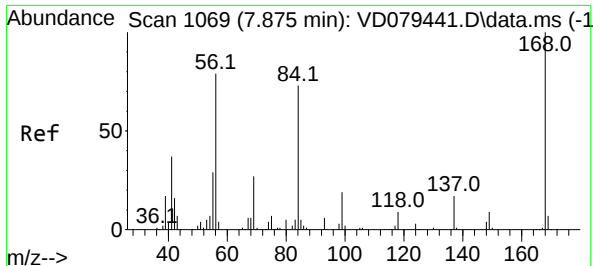
Tgt Ion:168 Resp: 146174
Ion Ratio Lower Upper
168 100
99 45.5 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD079461.D
Acq: 30 Jul 2024 16:20

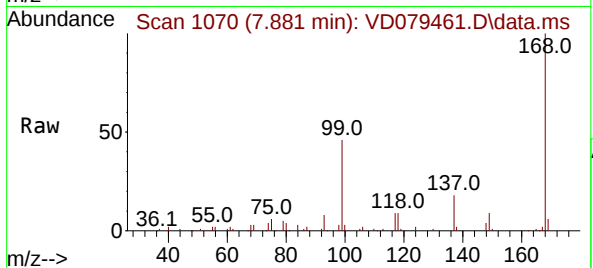
Tgt Ion: 94 Resp: 63
Ion Ratio Lower Upper
94 100
96 406.3 76.9 115.3#



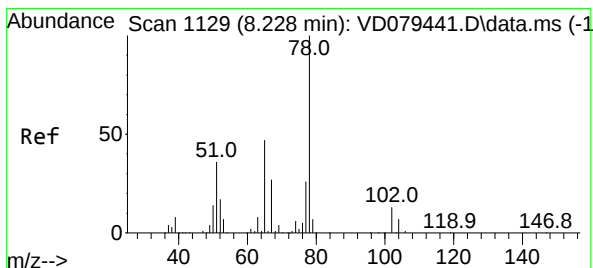
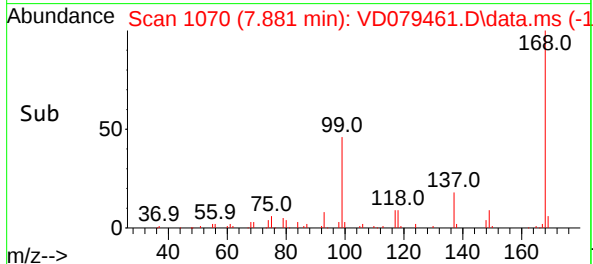
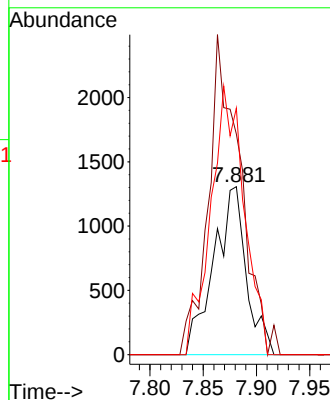


#31
Cyclohexane
Concen: 1.126 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079461.D
Acq: 30 Jul 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-05-072324

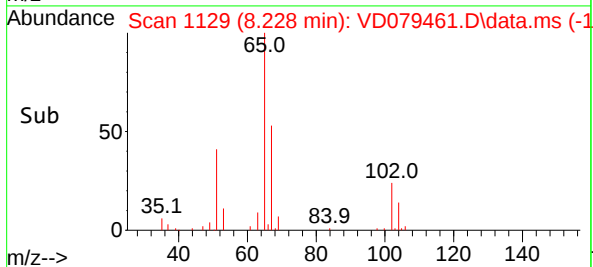
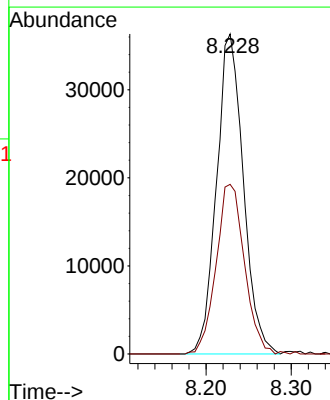
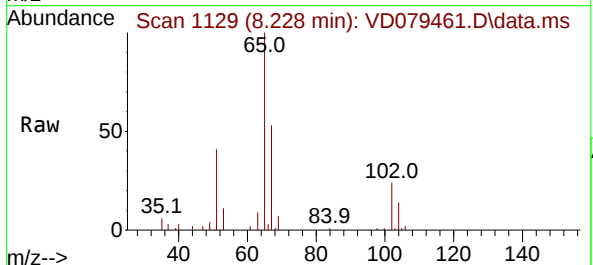


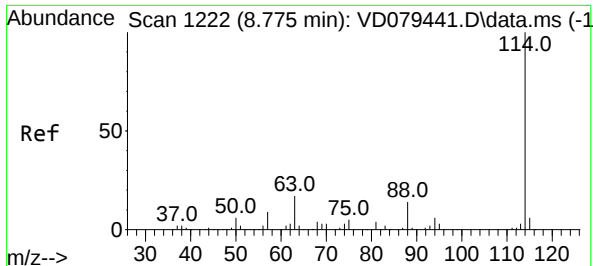
Tgt Ion: 56 Resp: 2776
Ion Ratio Lower Upper
56 100
69 131.4 28.0 42.0#
84 146.9 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 53.448 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079461.D
Acq: 30 Jul 2024 16:20

Tgt Ion: 65 Resp: 79369
Ion Ratio Lower Upper
65 100
67 56.1 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079461.D

Acq: 30 Jul 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

OU4-PCS-05-072324

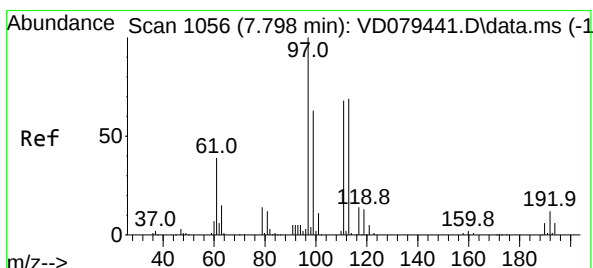
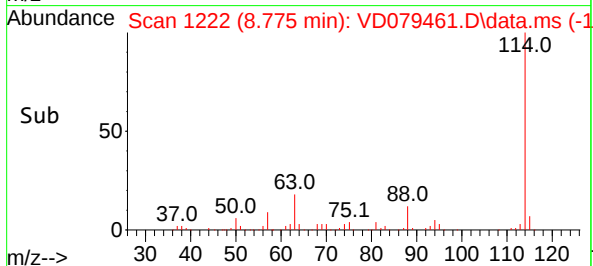
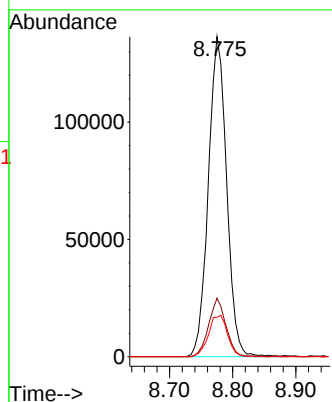
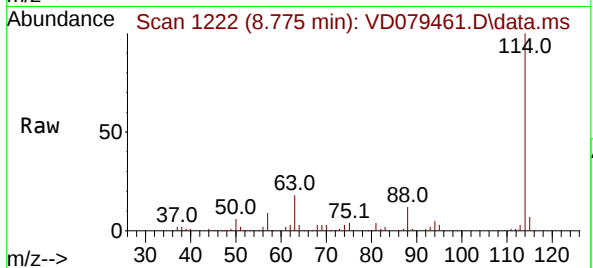
Tgt Ion:114 Resp: 274446

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.0

88 12.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.410 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079461.D

Acq: 30 Jul 2024 16:20

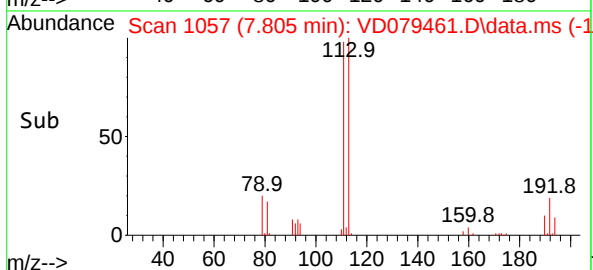
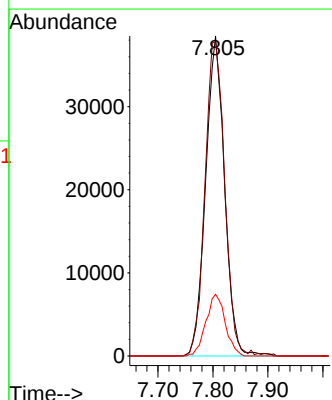
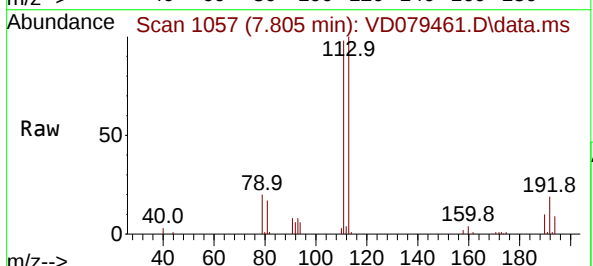
Tgt Ion:113 Resp: 91782

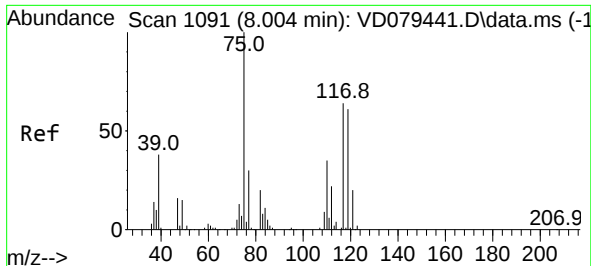
Ion Ratio Lower Upper

113 100

111 102.6 84.0 126.0

192 19.7 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.451 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD079461.D

Acq: 30 Jul 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

OU4-PCS-05-072324

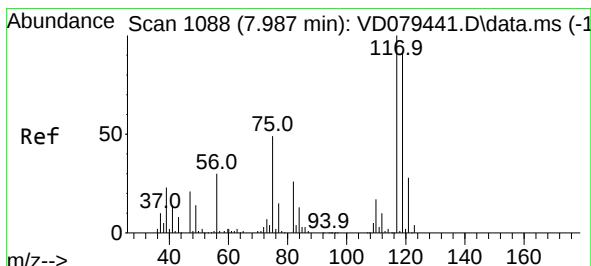
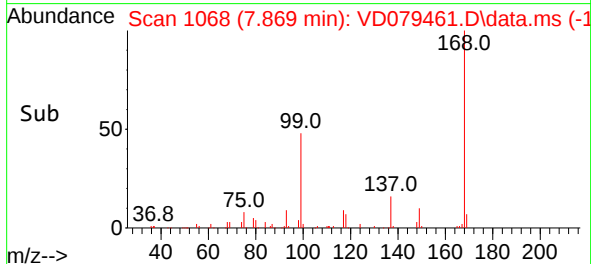
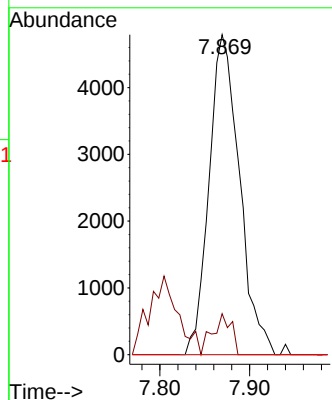
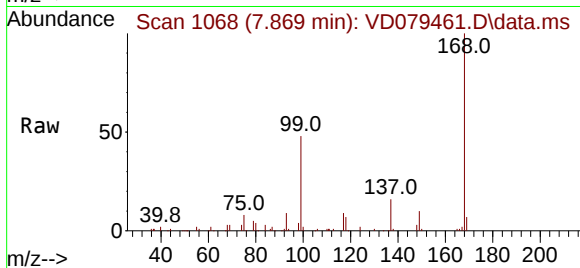
Tgt Ion: 75 Resp: 11286

Ion Ratio Lower Upper

75 100

110 7.8 19.6 58.7#

77 0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 5.187 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.118 min

Lab File: VD079461.D

Acq: 30 Jul 2024 16:20

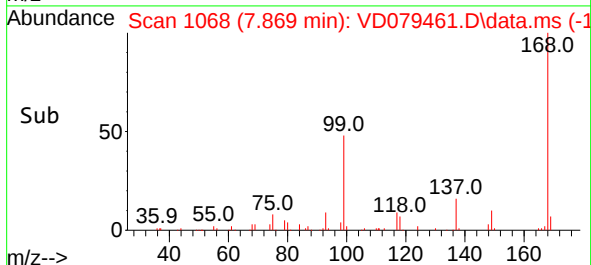
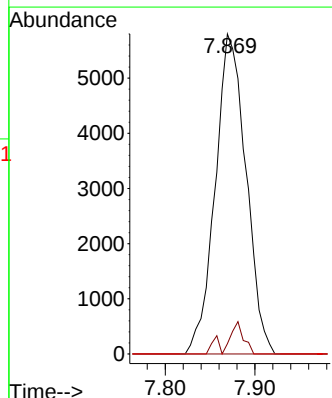
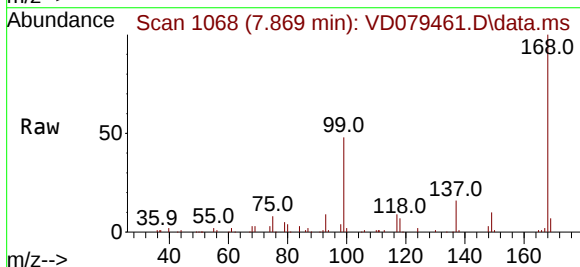
Tgt Ion: 117 Resp: 13824

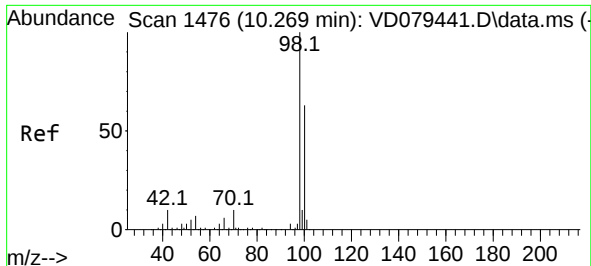
Ion Ratio Lower Upper

117 100

119 3.2 75.4 113.0#

121 0.0 25.0 37.4#

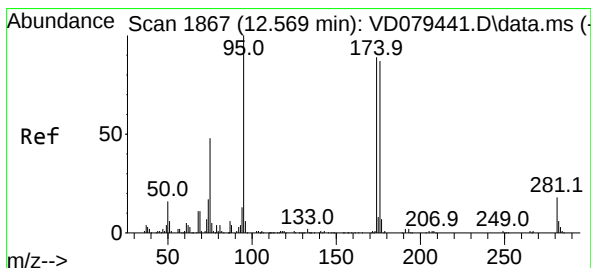
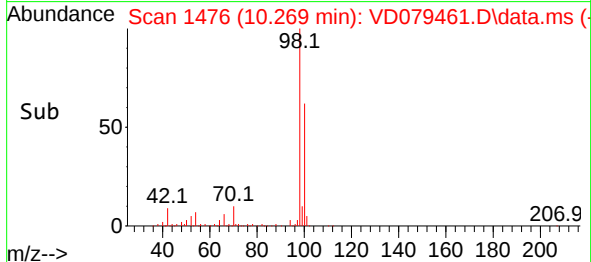
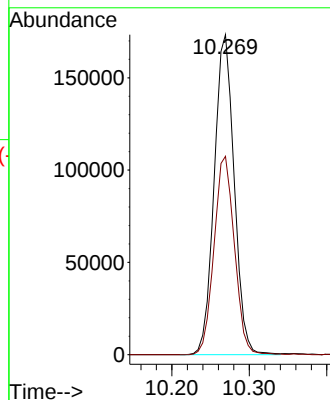
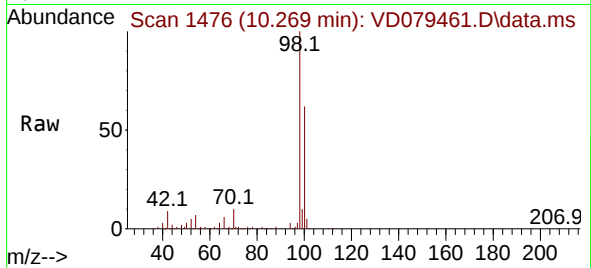




#50
Toluene-d8
Concen: 43.065 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079461.D
Acq: 30 Jul 2024 16:20

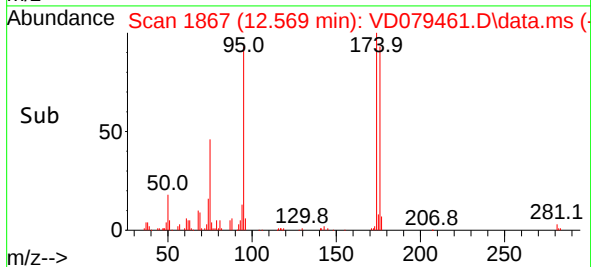
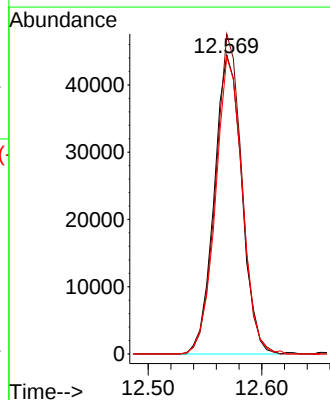
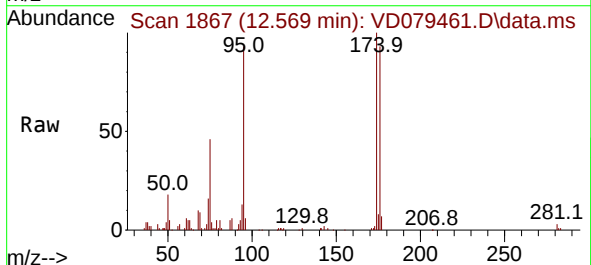
Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-05-072324

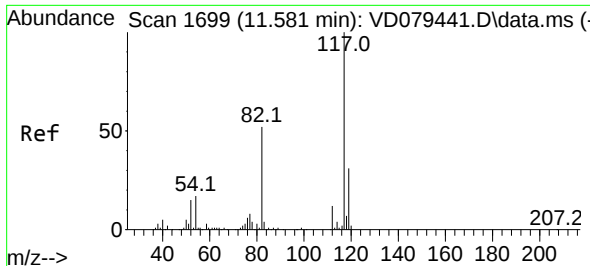
Tgt Ion: 98 Resp: 310653
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 35.903 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079461.D
Acq: 30 Jul 2024 16:20

Tgt Ion: 95 Resp: 74947
Ion Ratio Lower Upper
95 100
174 101.6 0.0 195.4
176 96.3 0.0 192.6

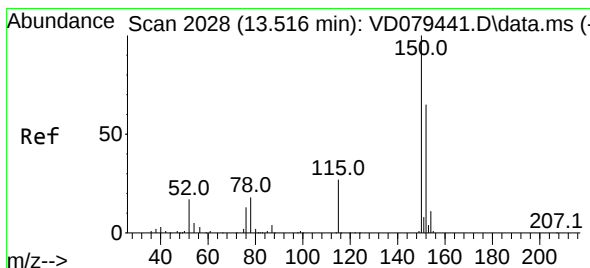
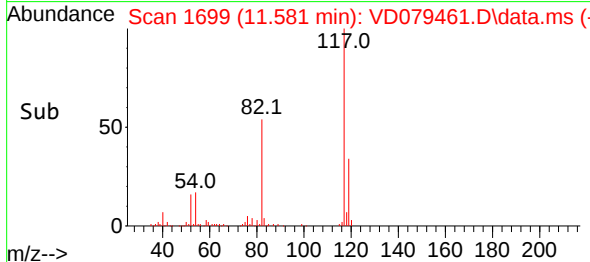
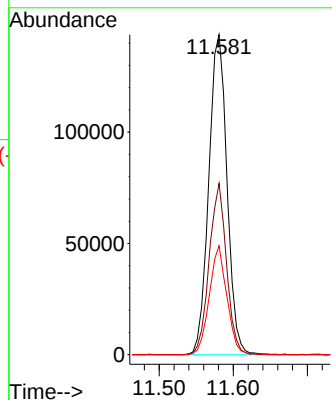
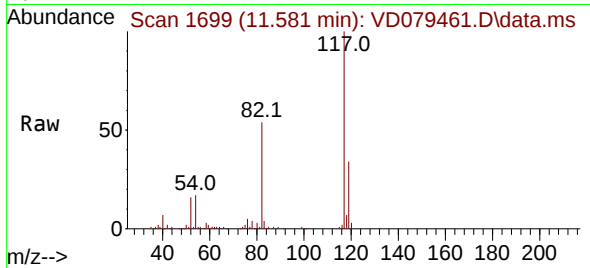




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079461.D
Acq: 30 Jul 2024 16:20

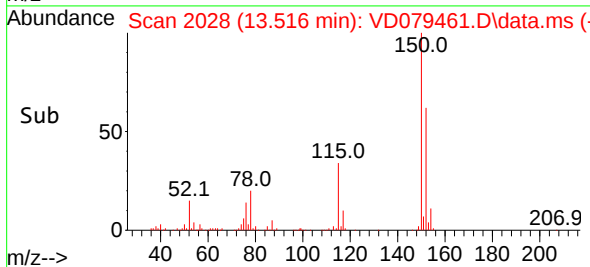
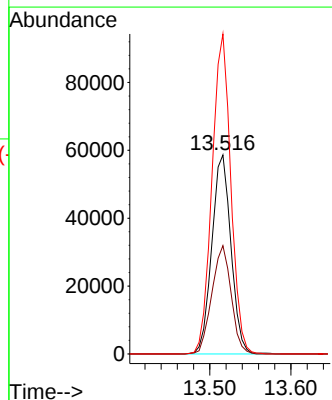
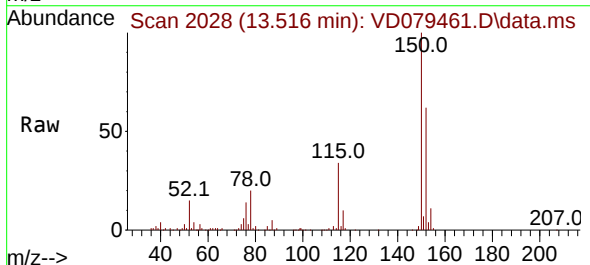
Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-05-072324

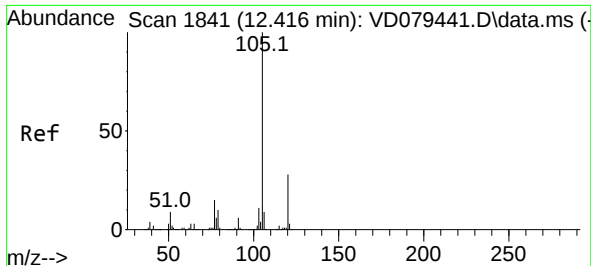
Tgt Ion:117 Resp: 245936
Ion Ratio Lower Upper
117 100
82 53.6 39.8 59.6
119 34.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079461.D
Acq: 30 Jul 2024 16:20

Tgt Ion:152 Resp: 96013
Ion Ratio Lower Upper
152 100
115 54.7 26.5 79.5
150 157.8 0.0 341.6

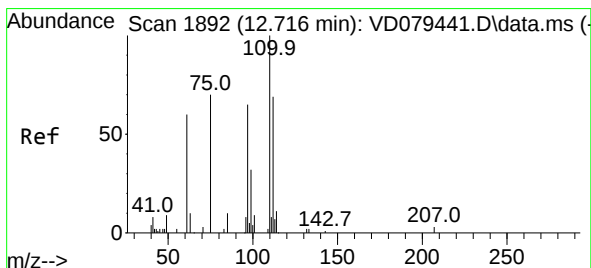
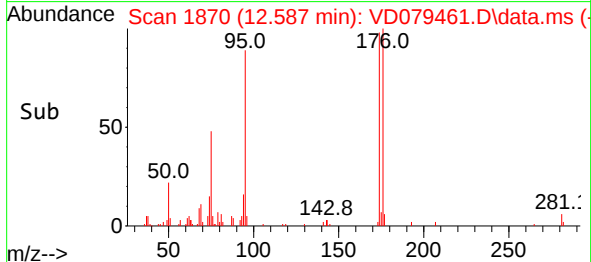
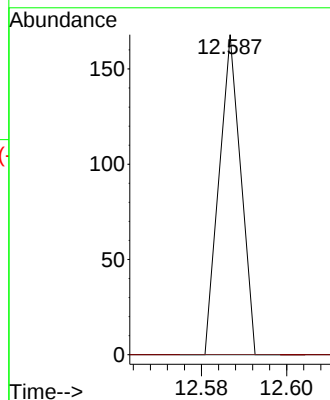
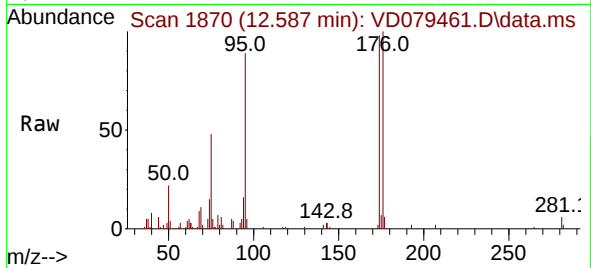




#73
Isopropylbenzene
Concen: 3.635 ug/l
RT: 12.587 min Scan# 1867
Delta R.T. 0.171 min
Lab File: VD079461.D
Acq: 30 Jul 2024 16:20

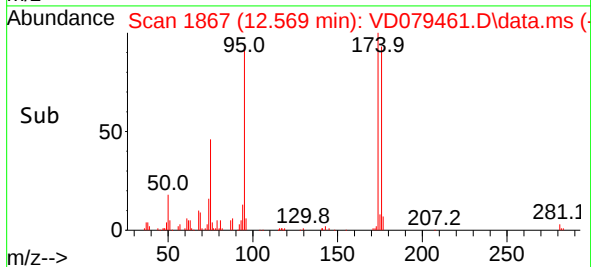
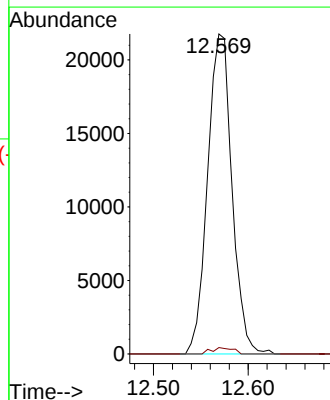
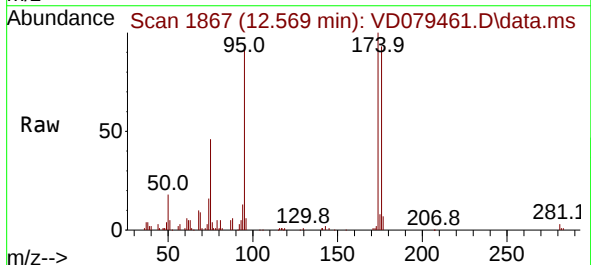
Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-05-072324

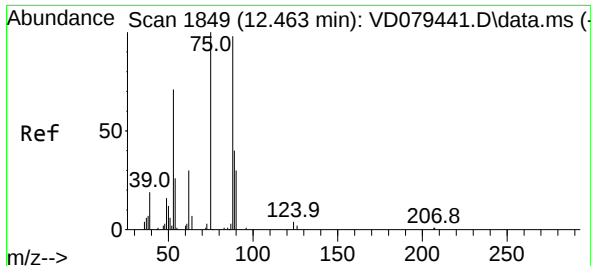
Tgt Ion:105 Resp: 59
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.7#



#76
1,2,3-Trichloropropane
Concen: 46.314 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079461.D
Acq: 30 Jul 2024 16:20

Tgt Ion: 75 Resp: 38869
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#

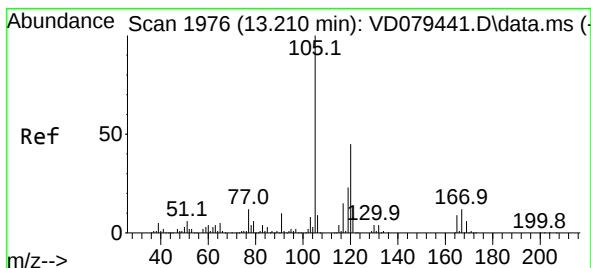
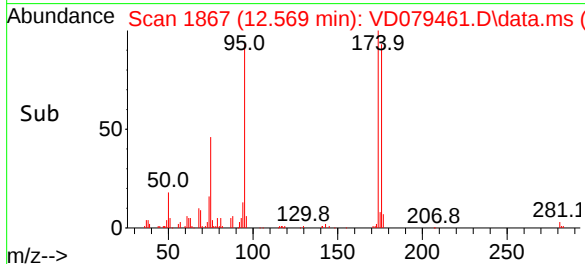
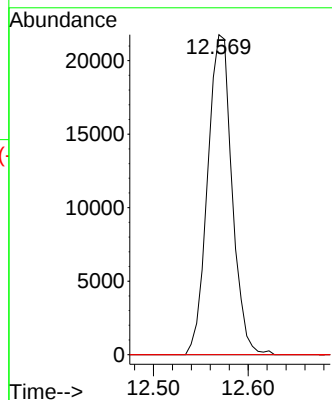
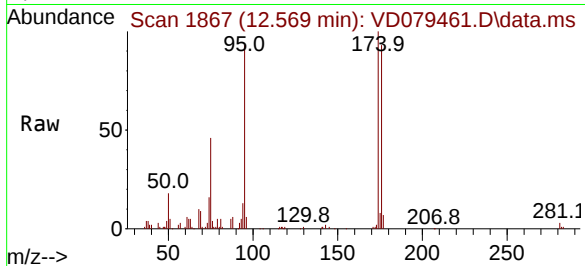




#81
trans-1,4-Dichloro-2-butene
Concen: 88.333 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079461.D
Acq: 30 Jul 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-05-072324

Tgt Ion: 75 Resp: 38869
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#



#84
1,2,4-Trimethylbenzene
Concen: 3.441 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD079461.D
Acq: 30 Jul 2024 16:20

Tgt Ion: 105 Resp: 82
Ion Ratio Lower Upper
105 100
120 0.0 23.6 71.0#

