

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079457.D
 Acq On : 30 Jul 2024 14:30
 Operator : RP/MD
 Sample : P3379-03
 Misc : 6.70G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 31 01:52:52 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)

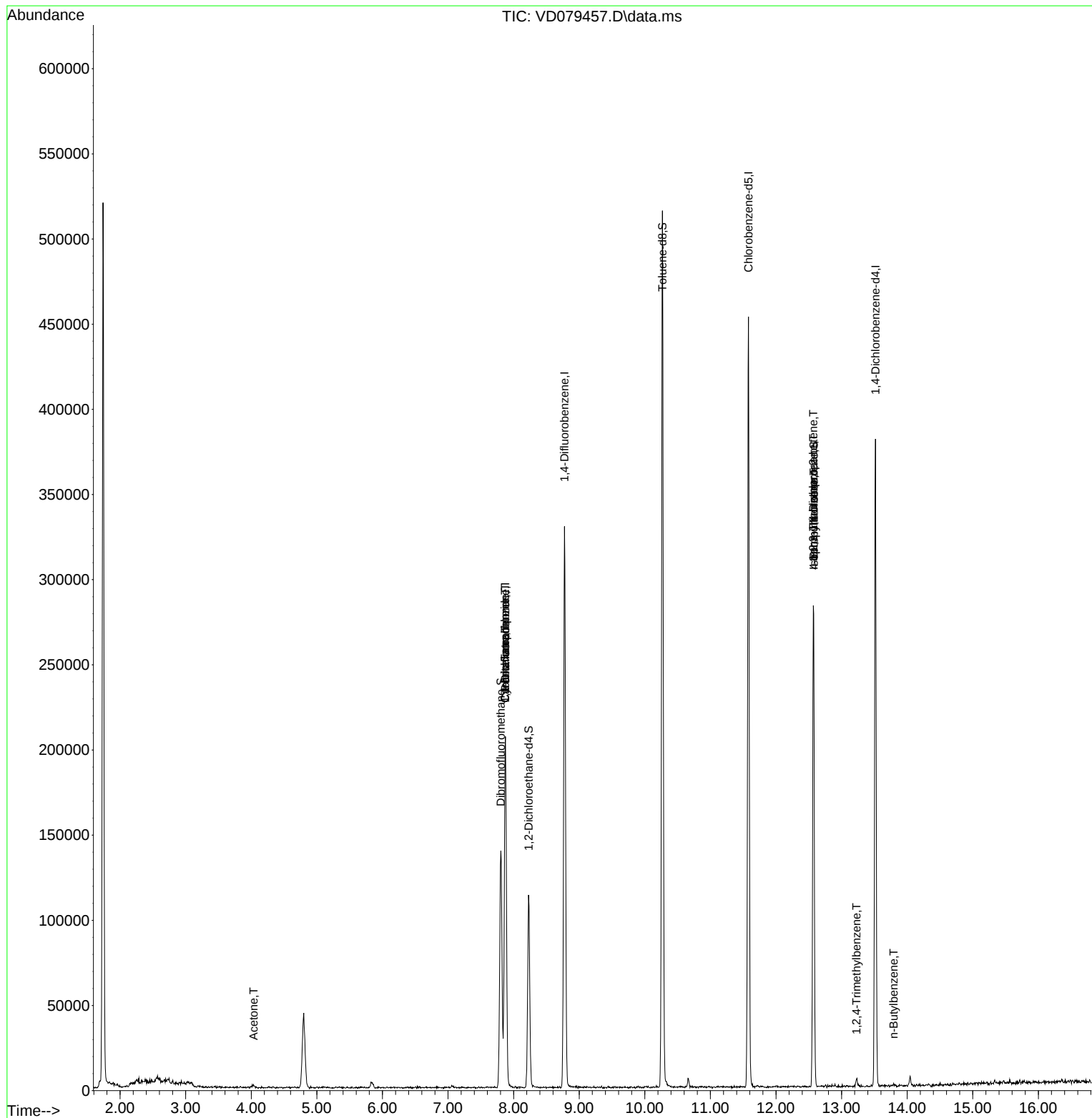
Internal Standards						
1) Pentafluorobenzene	7.875	168	168773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	303812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	274379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	108293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86844	50.650	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.300%			
35) Dibromofluoromethane	7.805	113	104460	50.799	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.600%			
50) Toluene-d8	10.269	98	363830	45.561	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 91.120%			
62) 4-Bromofluorobenzene	12.575	95	89147	38.578	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 77.160%			
Target Compounds						
5) Bromomethane	2.699	94	388	Below Cal	Qvalue 93	
11) Tert butyl alcohol	5.040	59	164	Below Cal	# 86	
16) Acetone	4.034	43	2220	6.662	ug/l 96	
20) Methylene Chloride	4.799	84	34219	Below Cal	# 87	
31) Cyclohexane	7.869	56	3755	1.319	ug/l # 8	
36) 1,1-Dichloropropene	7.869	75	12859	4.582	ug/l # 45	
38) Carbon Tetrachloride	7.869	117	15750	5.338	ug/l # 17	
73) Isopropylbenzene	12.575	105	75	3.636	ug/l # 48	
76) 1,2,3-Trichloropropane	12.569	75	44048	46.533	ug/l # 100	
81) trans-1,4-Dichloro-2-b...	12.569	75	44048	88.752	ug/l # 19	
84) 1,2,4-Trimethylbenzene	13.228	105	1797	3.675	ug/l # 29	
89) n-Butylbenzene	13.792	91	191	3.807	ug/l # 34	

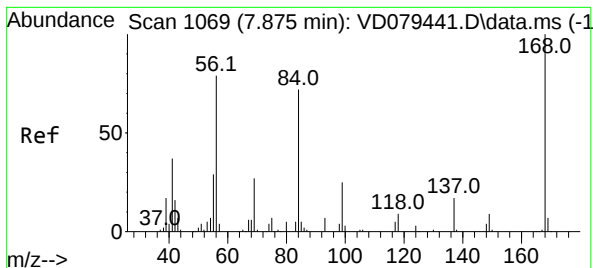
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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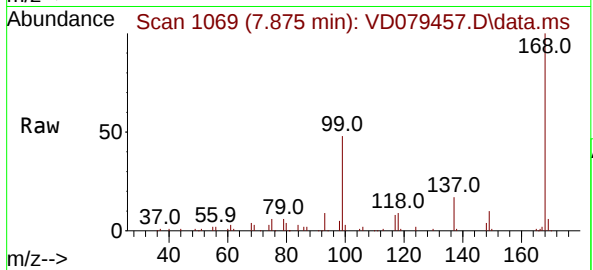
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



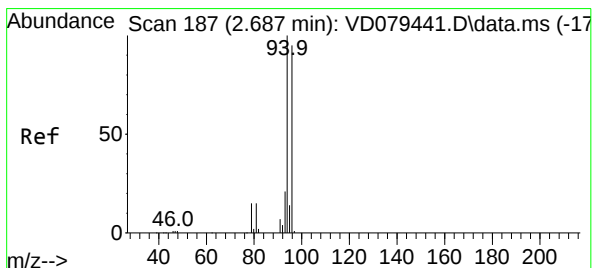
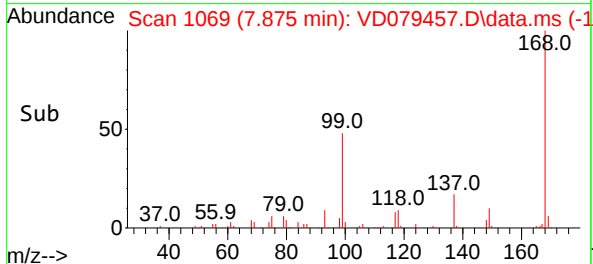
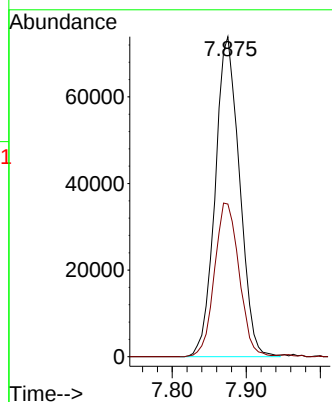


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079457.D
Acq: 30 Jul 2024 14:30

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

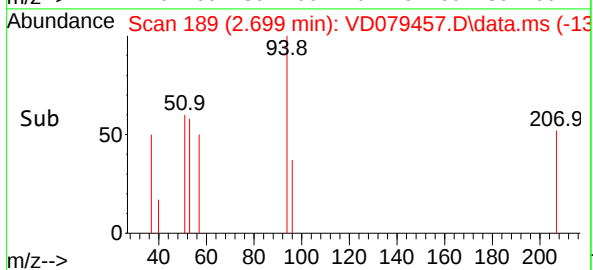
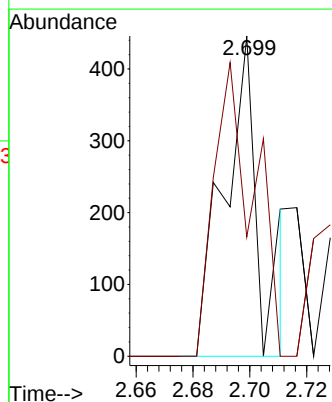
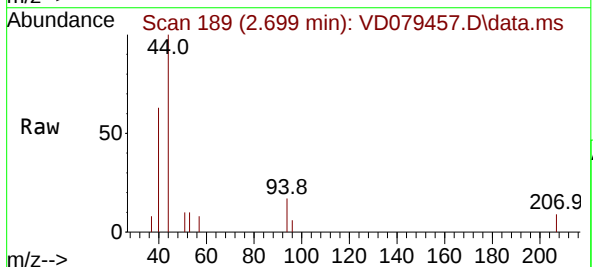


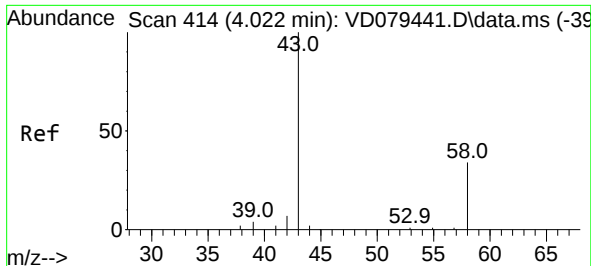
Tgt Ion:168 Resp: 168773
Ion Ratio Lower Upper
168 100
99 47.7 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD079457.D
Acq: 30 Jul 2024 14:30

Tgt Ion: 94 Resp: 388
Ion Ratio Lower Upper
94 100
96 102.6 76.9 115.3

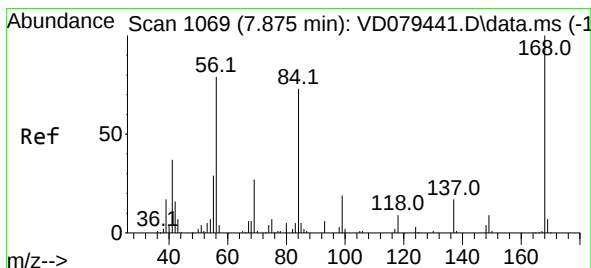
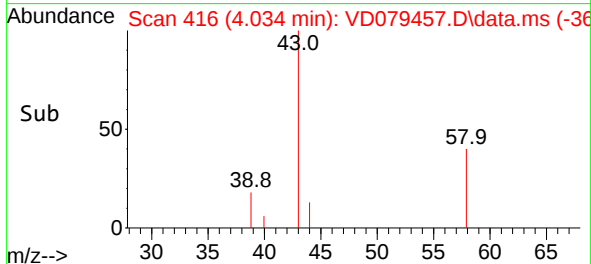
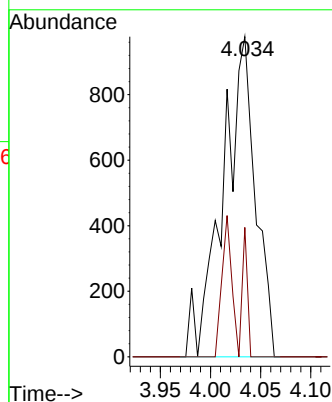
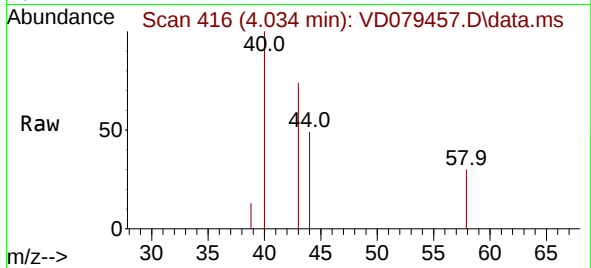




#16
Acetone
Concen: 6.662 ug/l
RT: 4.034 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD079457.D
Acq: 30 Jul 2024 14:30

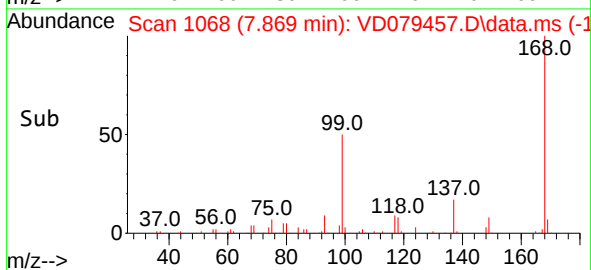
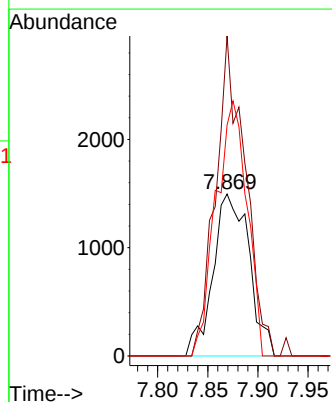
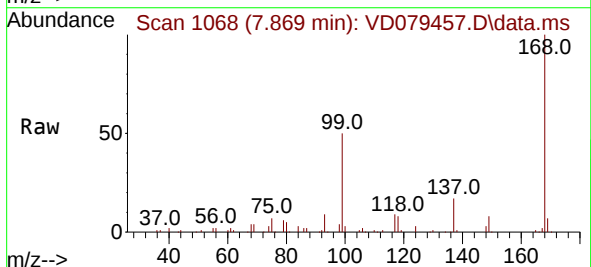
Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-02-072324

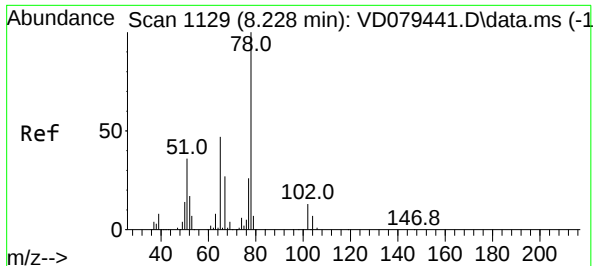
Tgt Ion: 43 Resp: 2220
Ion Ratio Lower Upper
43 100
58 40.4 30.4 45.6



#31
Cyclohexane
Concen: 1.319 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD079457.D
Acq: 30 Jul 2024 14:30

Tgt Ion: 56 Resp: 3755
Ion Ratio Lower Upper
56 100
69 197.7 28.0 42.0#
84 142.6 87.4 131.0#





#33

1,2-Dichloroethane-d4

Concen: 50.650 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079457.D

Acq: 30 Jul 2024 14:30

Instrument :

MSVOA_D

ClientSampleId :

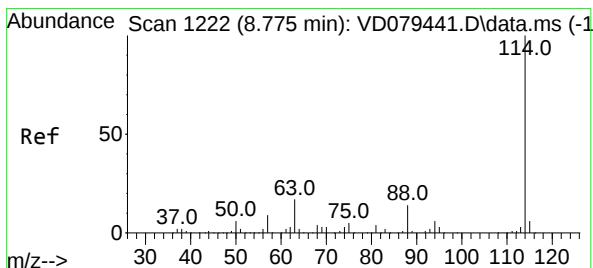
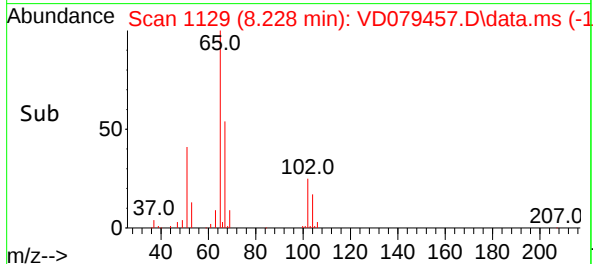
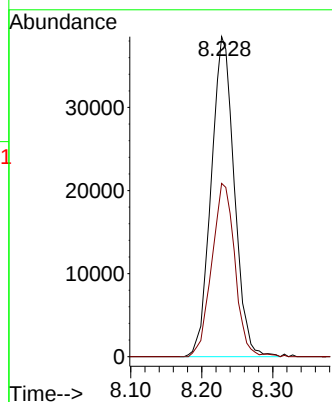
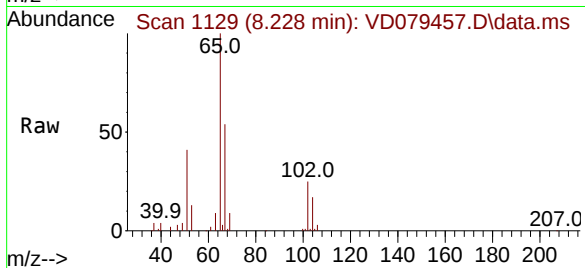
OU4-PCS-02-072324

Tgt Ion: 65 Resp: 86844

Ion Ratio Lower Upper

65 100

67 54.3 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: VD079457.D

Acq: 30 Jul 2024 14:30

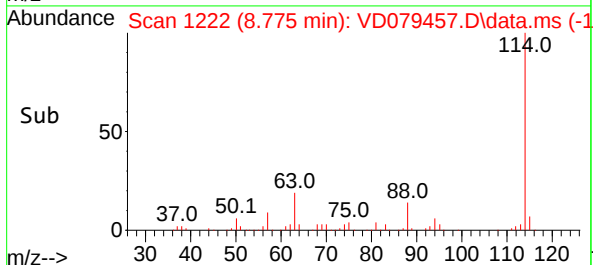
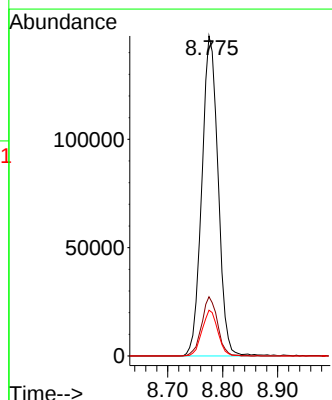
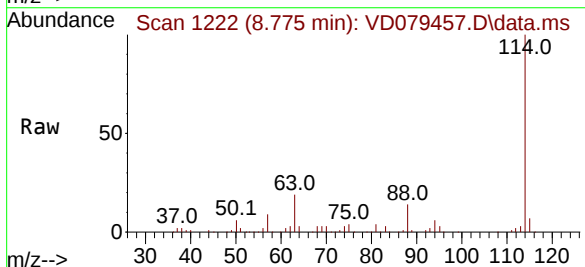
Tgt Ion: 114 Resp: 303812

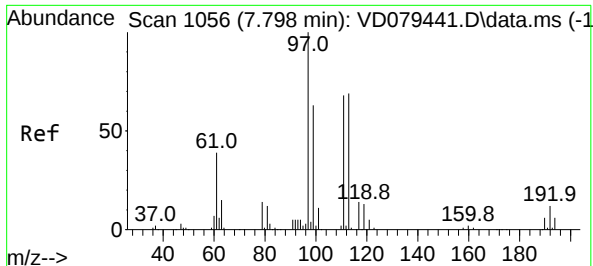
Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.0

88 14.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.799 ug/l

RT: 7.805 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD079457.D

Acq: 30 Jul 2024 14:30

Instrument :

MSVOA_D

ClientSampleId :

OU4-PCS-02-072324

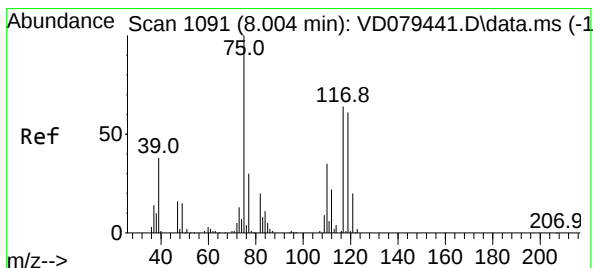
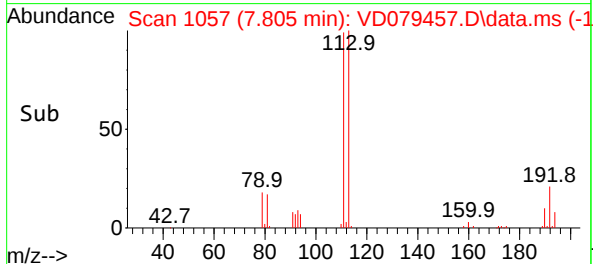
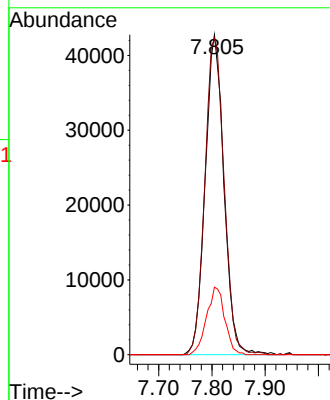
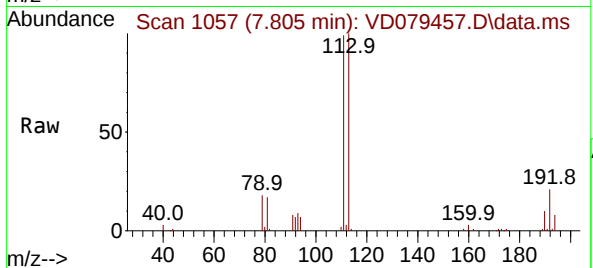
Tgt Ion:113 Resp: 104460

Ion Ratio Lower Upper

113 100

111 101.6 84.0 126.0

192 20.5 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.582 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD079457.D

Acq: 30 Jul 2024 14:30

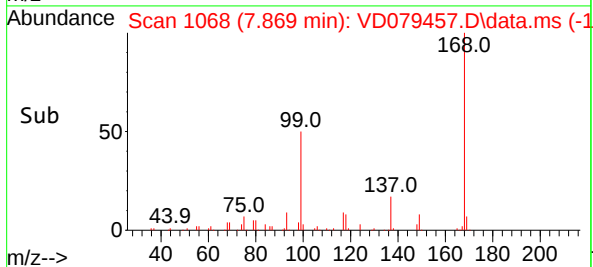
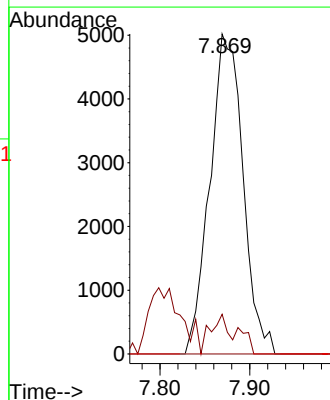
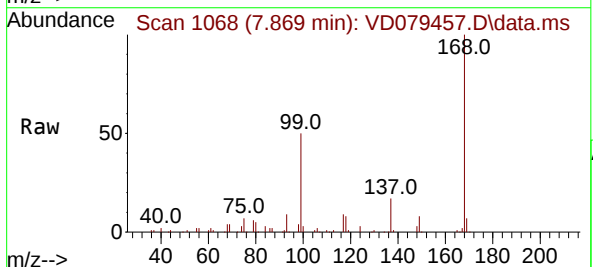
Tgt Ion: 75 Resp: 12859

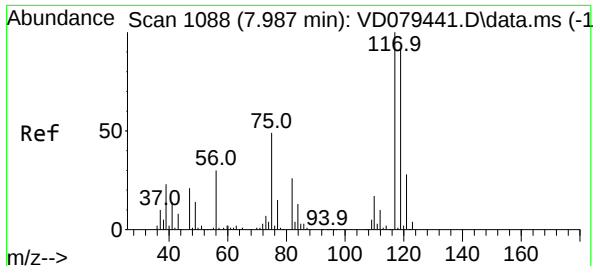
Ion Ratio Lower Upper

75 100

110 6.7 19.6 58.7#

77 0.0 26.1 39.1#

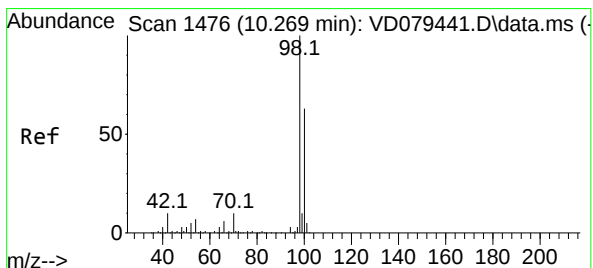
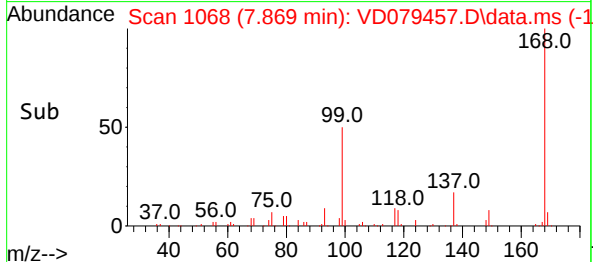
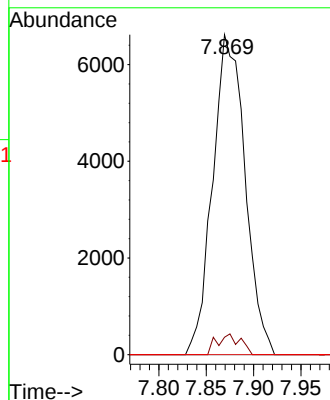
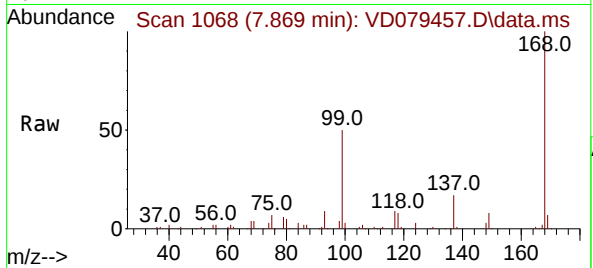




#38
Carbon Tetrachloride
Concen: 5.338 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.118 min
Lab File: VD079457.D
Acq: 30 Jul 2024 14:30

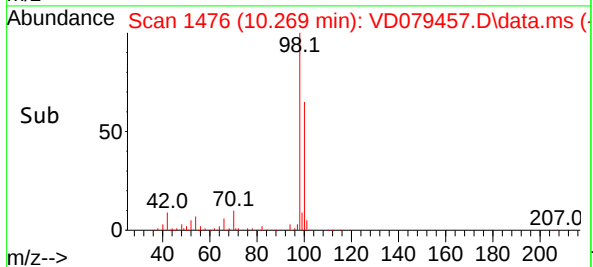
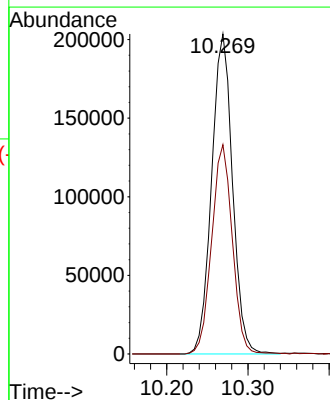
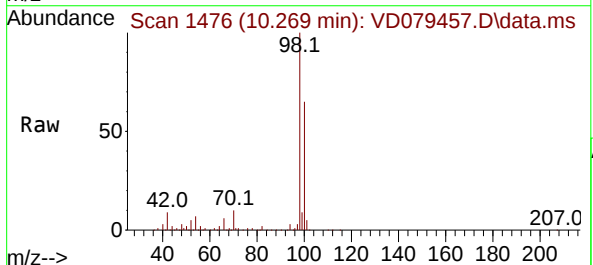
Instrument :
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OU4-PCS-02-072324

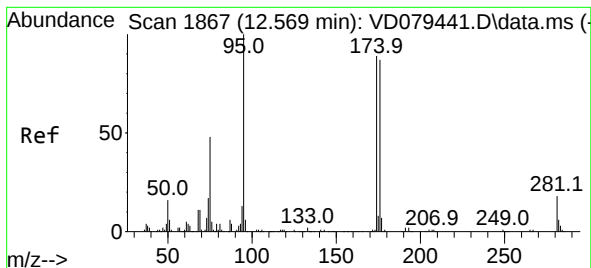
Tgt Ion:117 Resp: 15750
Ion Ratio Lower Upper
117 100
119 5.5 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 45.561 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079457.D
Acq: 30 Jul 2024 14:30

Tgt Ion: 98 Resp: 363830
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4

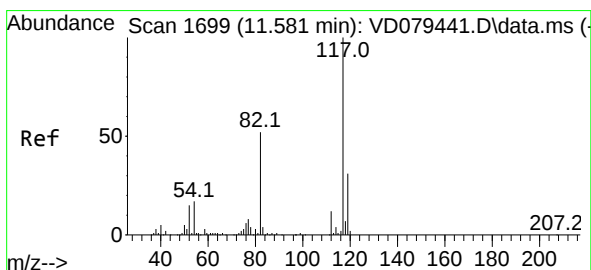
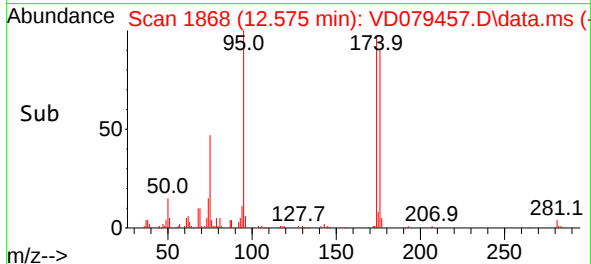
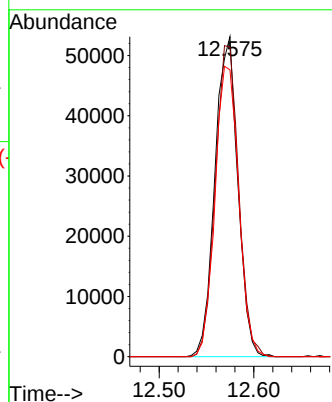
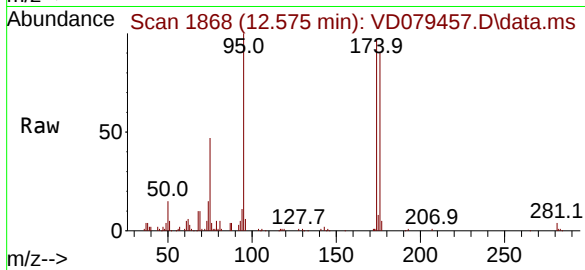




#62
4-Bromofluorobenzene
Concen: 38.578 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079457.D
Acq: 30 Jul 2024 14:30

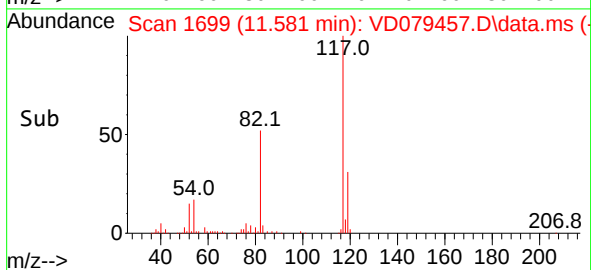
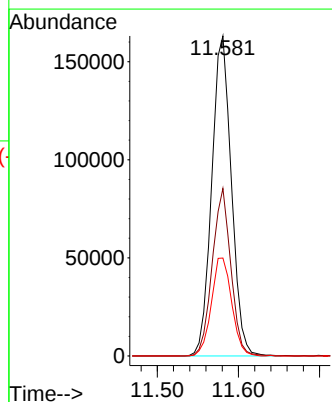
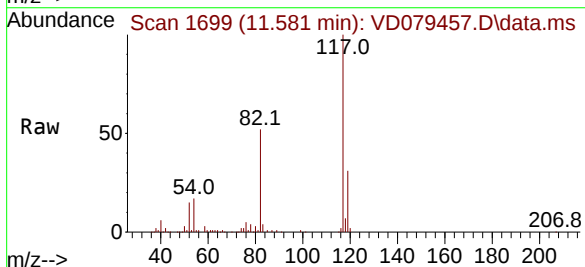
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OU4-PCS-02-072324

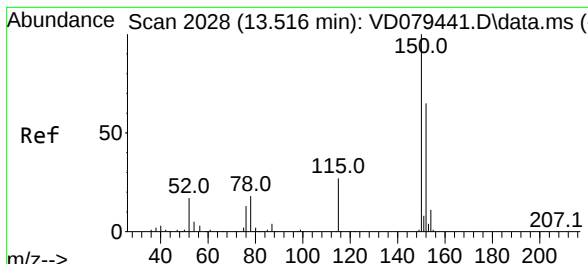
Tgt Ion: 95 Resp: 89147
Ion Ratio Lower Upper
95 100
174 99.4 0.0 195.4
176 94.0 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079457.D
Acq: 30 Jul 2024 14:30

Tgt Ion: 117 Resp: 274379
Ion Ratio Lower Upper
117 100
82 52.4 39.8 59.6
119 30.6 25.7 38.5

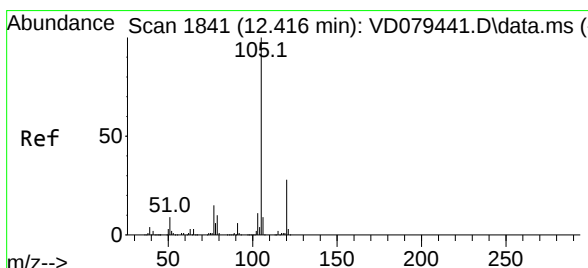
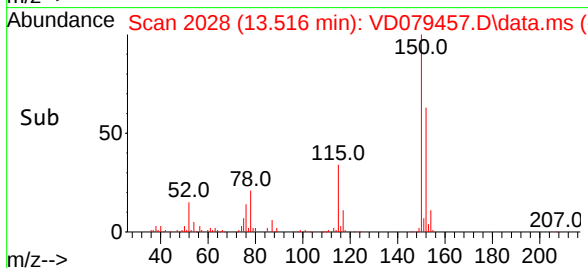
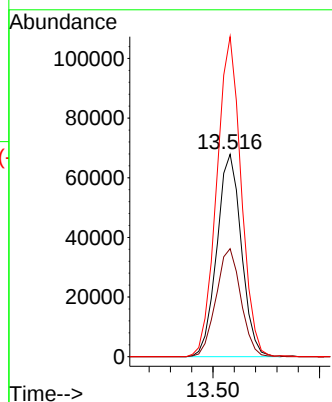
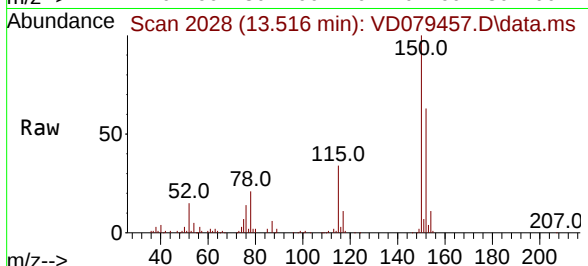




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079457.D
 Acq: 30 Jul 2024 14:30

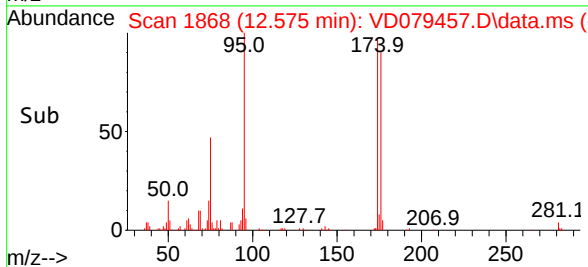
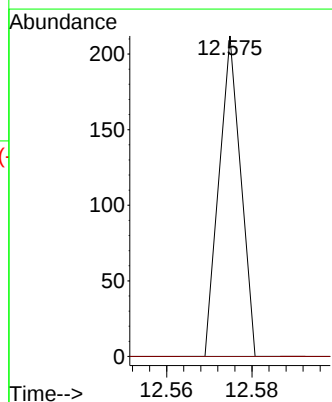
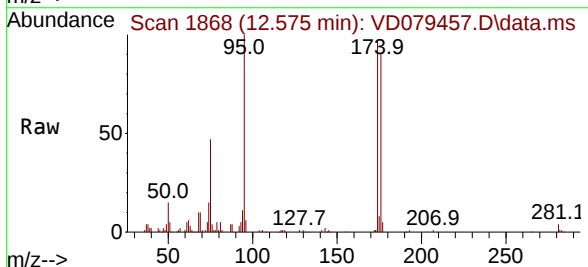
Instrument :
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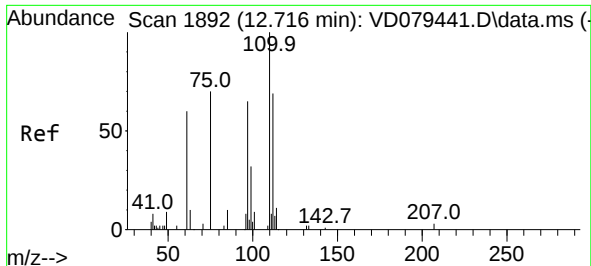
Tgt Ion:152 Resp: 108293
 Ion Ratio Lower Upper
 152 100
 115 54.1 26.5 79.5
 150 157.7 0.0 341.6



#73
 Isopropylbenzene
 Concen: 3.636 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.159 min
 Lab File: VD079457.D
 Acq: 30 Jul 2024 14:30

Tgt Ion:105 Resp: 75
 Ion Ratio Lower Upper
 105 100
 120 0.0 13.6 40.7#

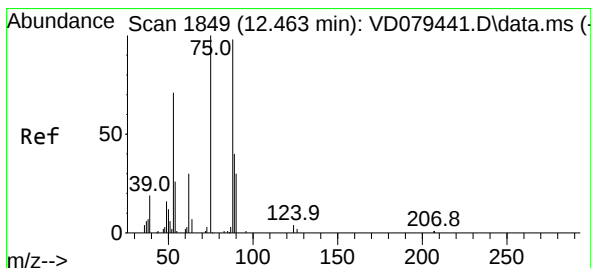
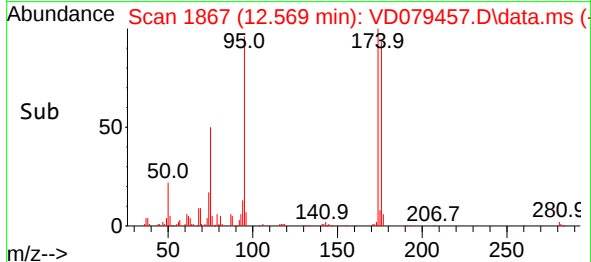
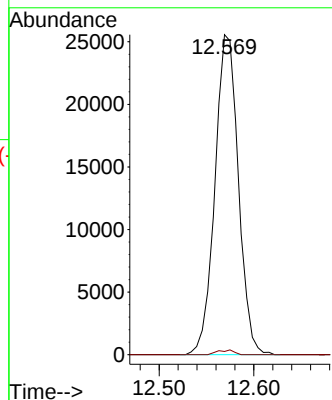
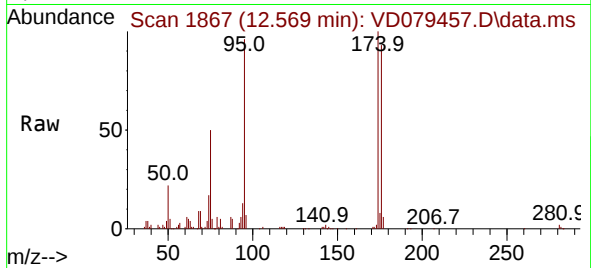




#76
1,2,3-Trichloropropane
Concen: 46.533 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079457.D
Acq: 30 Jul 2024 14:30

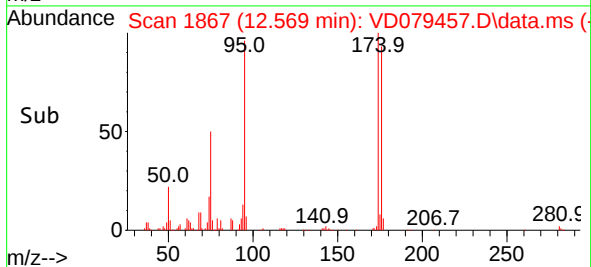
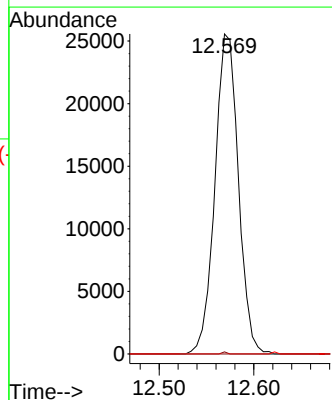
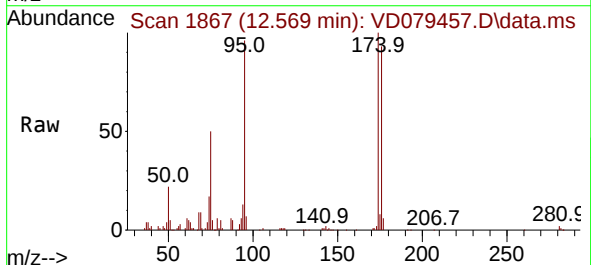
Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-02-072324

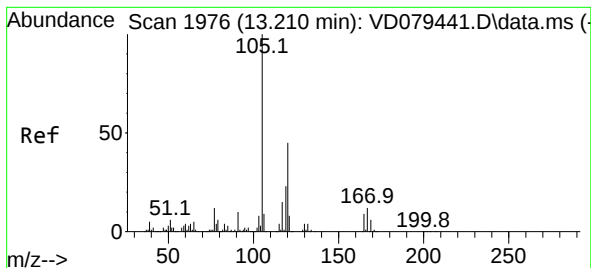
Tgt Ion: 75 Resp: 44048
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.752 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079457.D
Acq: 30 Jul 2024 14:30

Tgt Ion: 75 Resp: 44048
Ion Ratio Lower Upper
75 100
53 0.1 61.4 92.2#
89 0.0 35.4 53.0#





#84

1,2,4-Trimethylbenzene

Concen: 3.675 ug/l

RT: 13.228 min Scan# 1979

Delta R.T. 0.024 min

Lab File: VD079457.D

Acq: 30 Jul 2024 14:30

Instrument :

MSVOA_D

ClientSampleId :

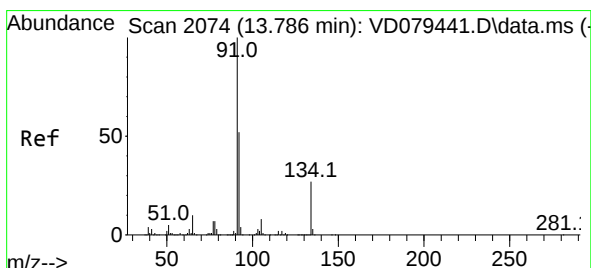
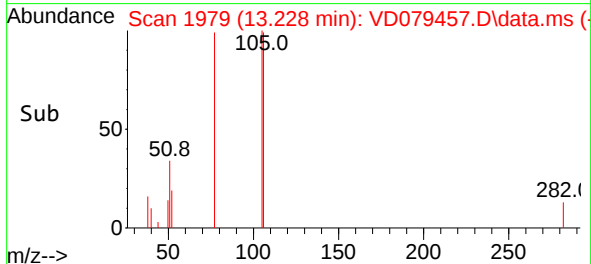
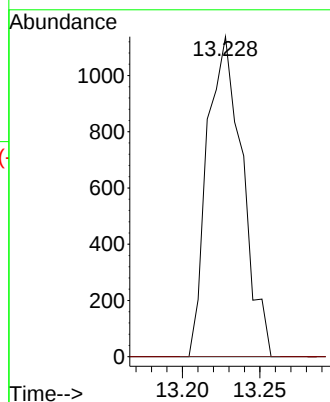
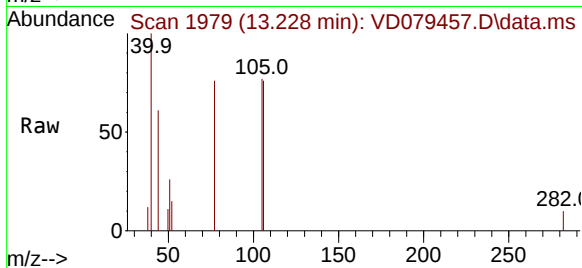
OU4-PCS-02-072324

Tgt Ion:105 Resp: 1797

Ion Ratio Lower Upper

105 100

120 0.0 23.6 71.0#



#89

n-Butylbenzene

Concen: 3.807 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. 0.011 min

Lab File: VD079457.D

Acq: 30 Jul 2024 14:30

Tgt Ion: 91 Resp: 191

Ion Ratio Lower Upper

91 100

92 0.0 25.7 77.0#

134 0.0 13.6 40.8#

