

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079498.D
 Acq On : 31 Jul 2024 15:56
 Operator : RP/MD
 Sample : P3379-05RE
 Misc : 6.94G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU4-PCS-03-072324

Quant Time: Aug 01 01:52:29 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

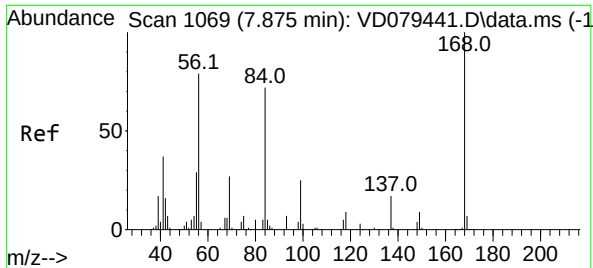
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	157215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	286792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	256383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92461	57.891	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.780%			
35) Dibromofluoromethane	7.804	113	108477	55.883	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.760%			
50) Toluene-d8	10.269	98	387225	51.369	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.740%			
62) 4-Bromofluorobenzene	12.569	95	93144	42.699	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 85.400%			
Target Compounds						
5) Bromomethane	2.710	94	371	Below Cal	#	23
20) Methylene Chloride	4.798	84	17979	Below Cal		87
31) Cyclohexane	7.881	56	3159	1.191	ug/l #	54
36) 1,1-Dichloropropene	7.875	75	11123	4.198	ug/l #	48
38) Carbon Tetrachloride	7.875	117	14427	5.180	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	1575	1.511	ug/l #	1
73) Isopropylbenzene	12.563	105	61	3.635	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	47479	53.896	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	47479	102.795	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.222	105	208	3.459	ug/l #	29
89) n-Butylbenzene	13.504	91	180	3.808	ug/l #	34

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

Quant Time: Aug 01 01:52:29 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

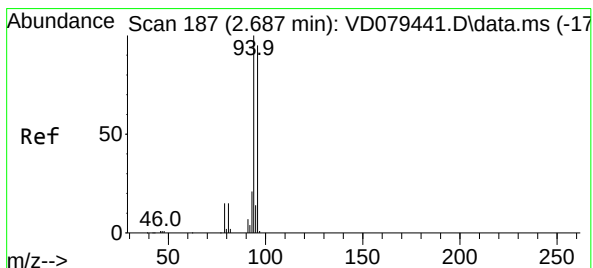
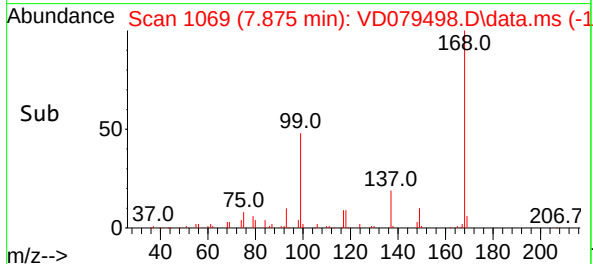
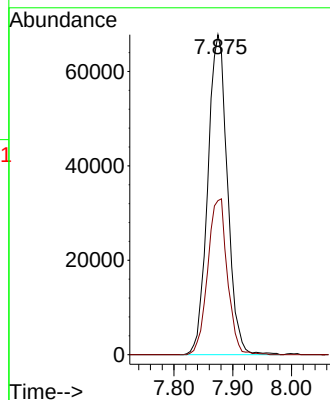
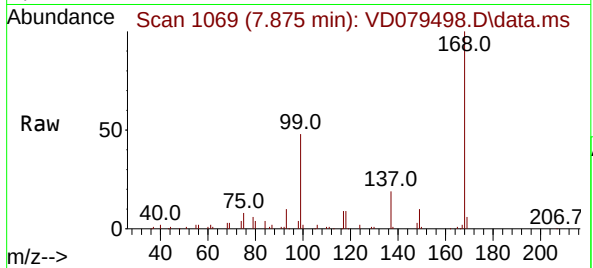




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

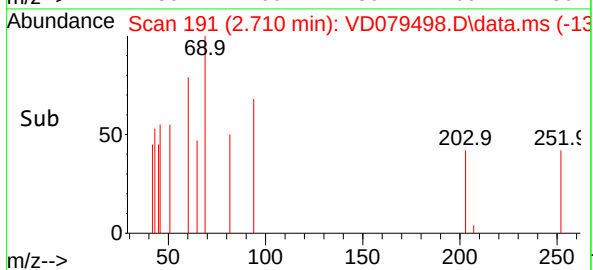
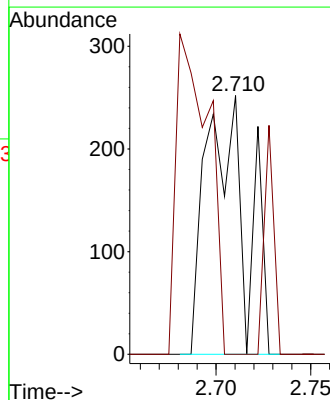
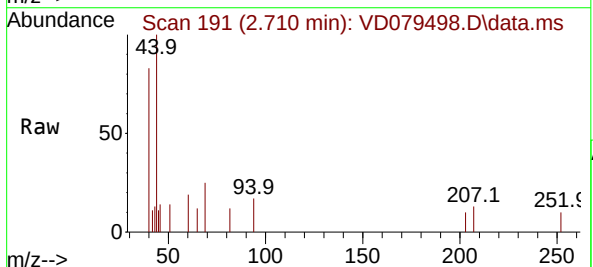
Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-03-072324

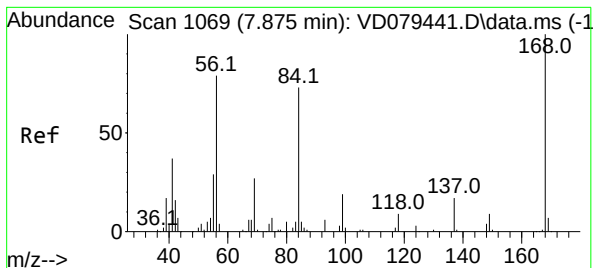
Tgt Ion:168 Resp: 157215
Ion Ratio Lower Upper
168 100
99 48.2 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.710 min Scan# 191
Delta R.T. 0.023 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

Tgt Ion: 94 Resp: 371
Ion Ratio Lower Upper
94 100
96 21.3 76.9 115.3#





#31

Cyclohexane

Concen: 1.191 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD079498.D

Acq: 31 Jul 2024 15:56

Instrument :

MSVOA_D

ClientSampleId :

OU4-PCS-03-072324

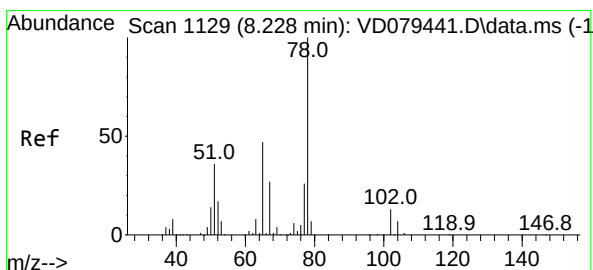
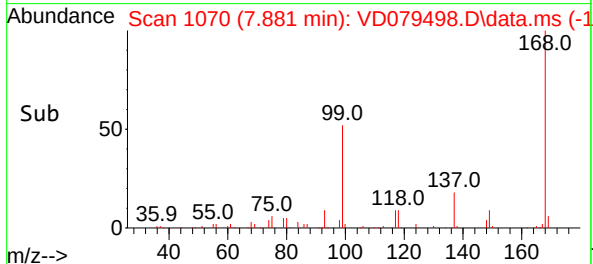
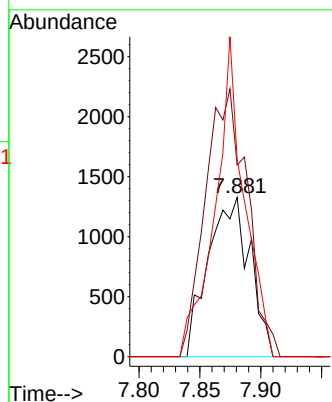
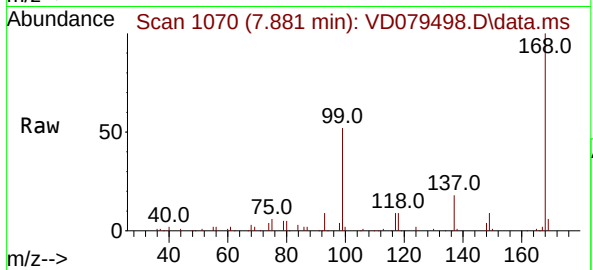
Tgt Ion: 56 Resp: 3159

Ion Ratio Lower Upper

56 100

69 120.3 28.0 42.0#

84 123.9 87.4 131.0



#33

1,2-Dichloroethane-d4

Concen: 57.891 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079498.D

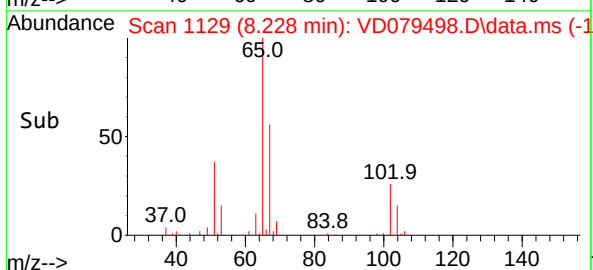
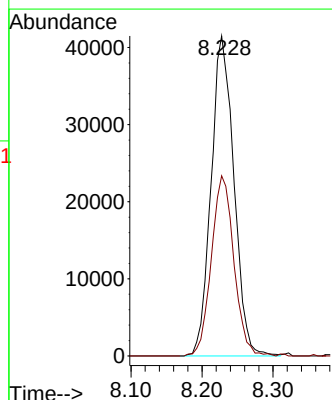
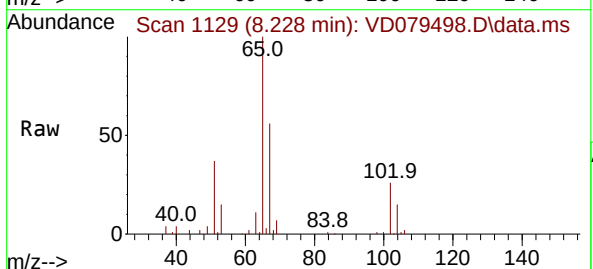
Acq: 31 Jul 2024 15:56

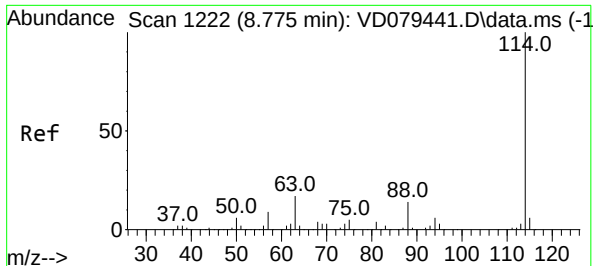
Tgt Ion: 65 Resp: 92461

Ion Ratio Lower Upper

65 100

67 55.6 0.0 111.0

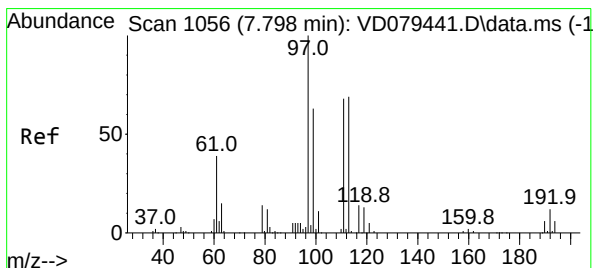
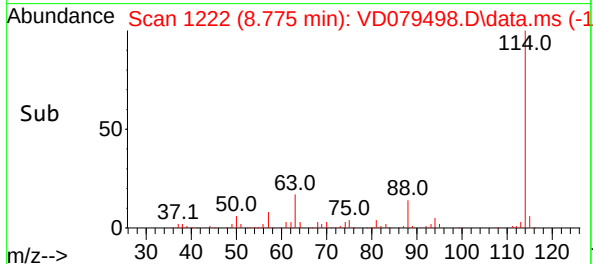
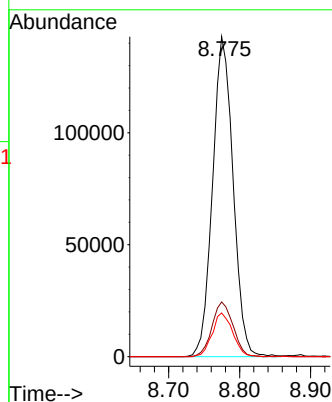
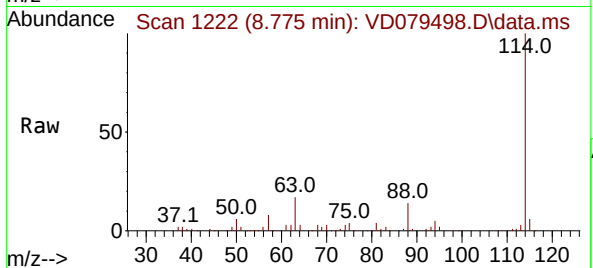




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

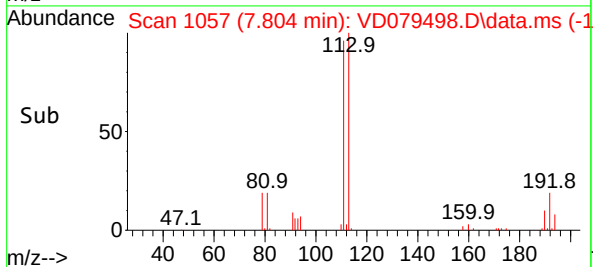
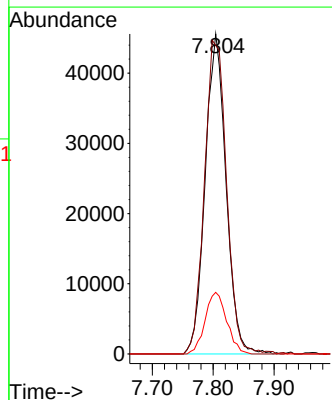
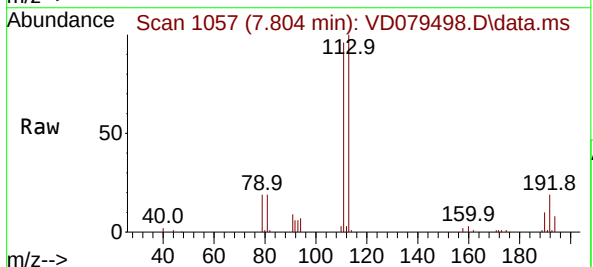
Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-03-072324

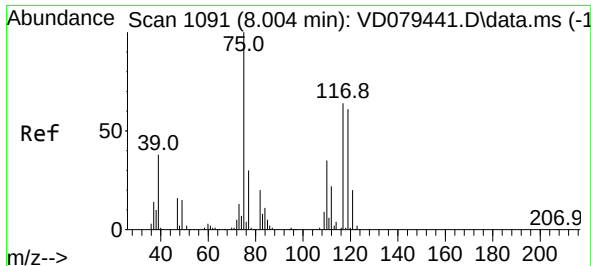
Tgt Ion:114 Resp: 286792
Ion Ratio Lower Upper
114 100
63 17.1 0.0 34.0
88 13.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.883 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

Tgt Ion:113 Resp: 108477
Ion Ratio Lower Upper
113 100
111 104.1 84.0 126.0
192 20.0 15.4 23.0

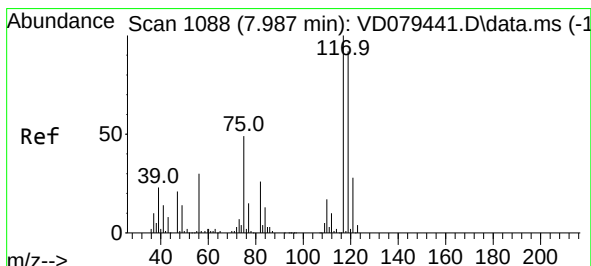
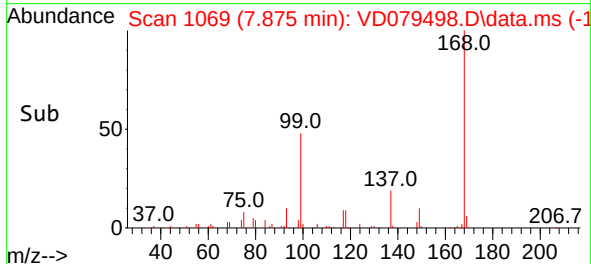
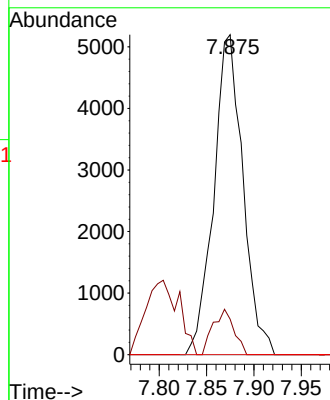
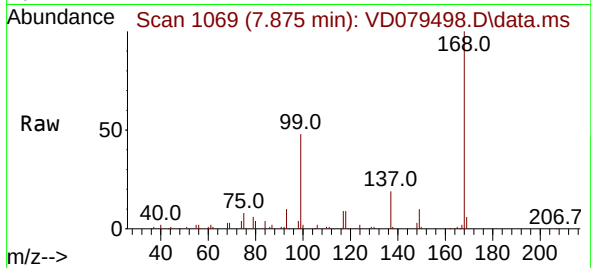




#36
1,1-Dichloropropene
Concen: 4.198 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.136 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

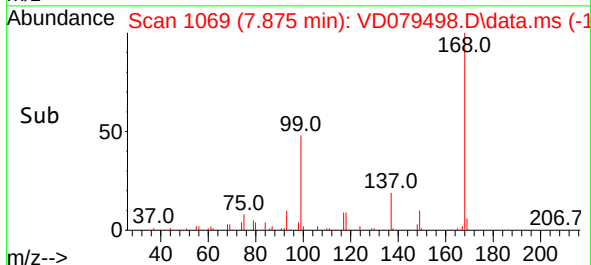
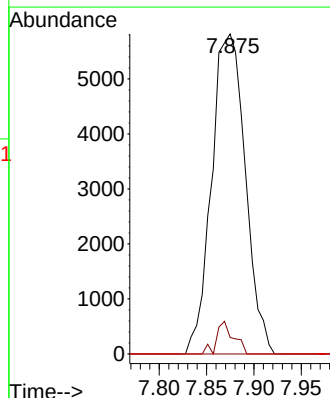
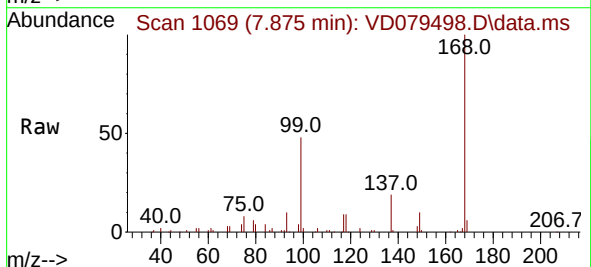
Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-03-072324

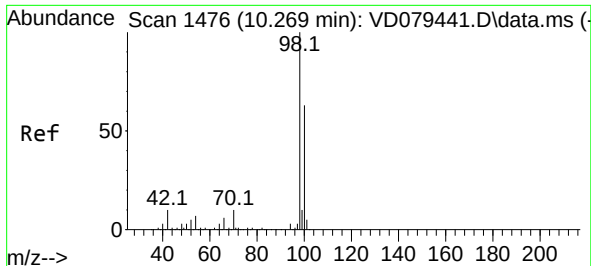
Tgt Ion: 75 Resp: 11123
Ion Ratio Lower Upper
75 100
110 10.2 19.6 58.7#
77 0.0 26.1 39.1#



#38
Carbon Tetrachloride
Concen: 5.180 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

Tgt Ion: 117 Resp: 14427
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.0#
121 0.0 25.0 37.4#

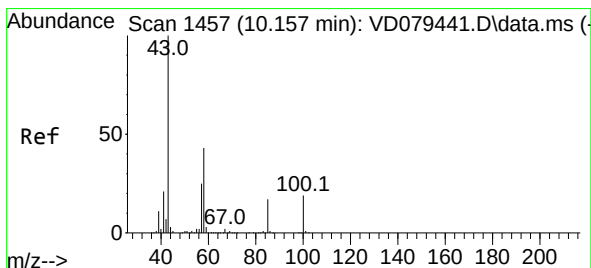
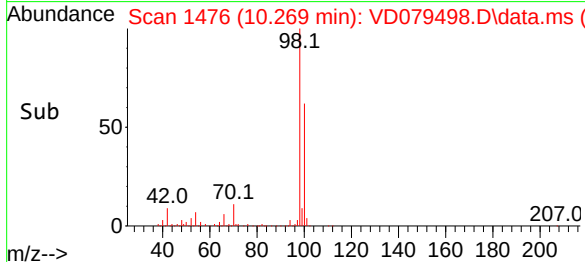
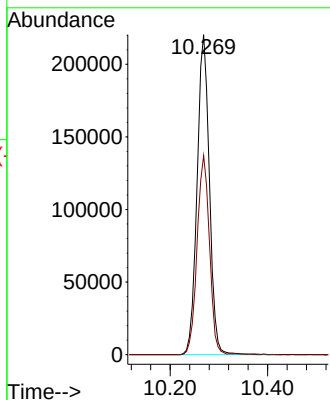
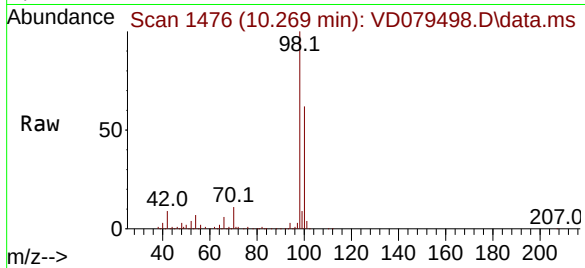




#50
Toluene-d8
Concen: 51.369 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.005 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

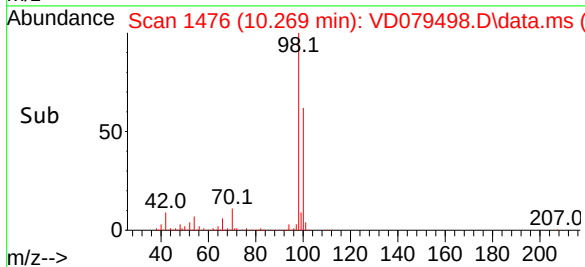
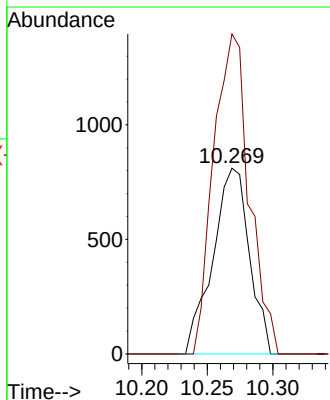
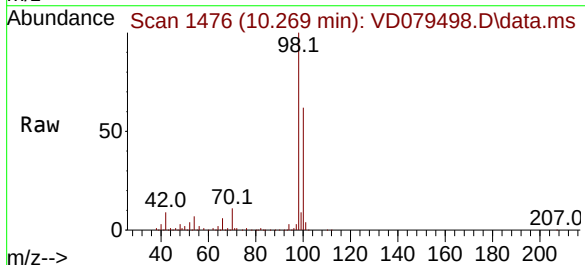
Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-03-072324

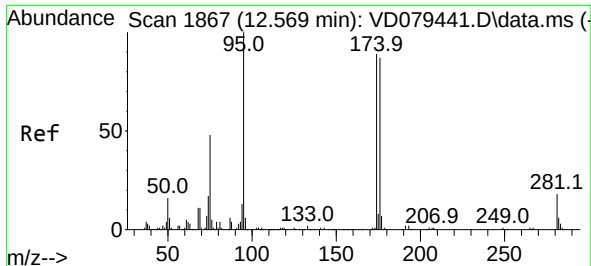
Tgt Ion: 98 Resp: 387225
Ion Ratio Lower Upper
98 100
100 62.6 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.511 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.111 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

Tgt Ion: 43 Resp: 1575
Ion Ratio Lower Upper
43 100
58 167.6 36.6 55.0#

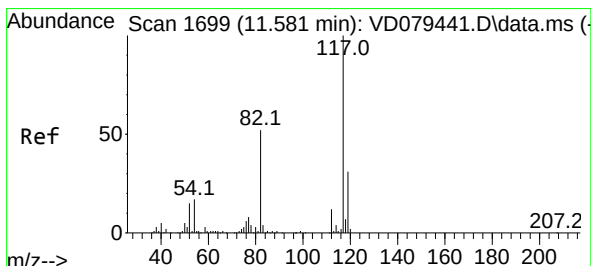
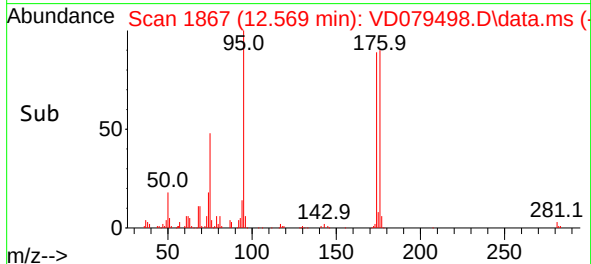
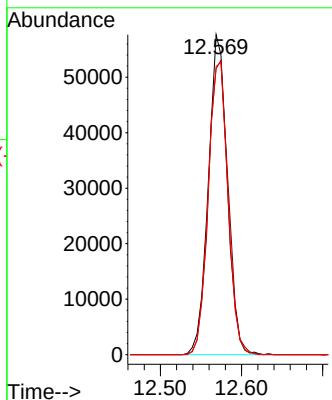
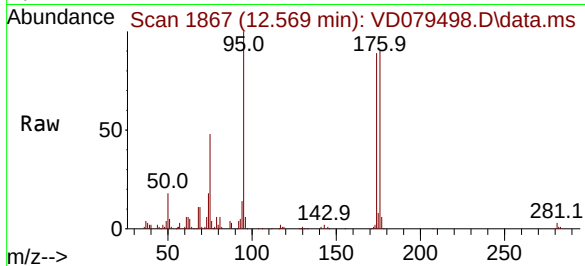




#62
4-Bromofluorobenzene
Concen: 42.699 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

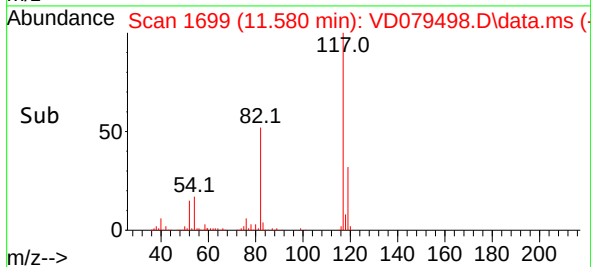
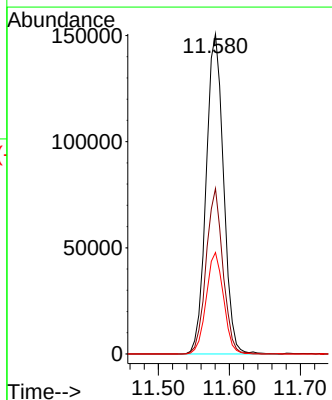
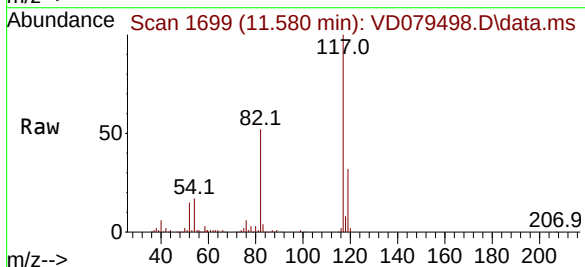
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ClientSampleId :
OU4-PCS-03-072324

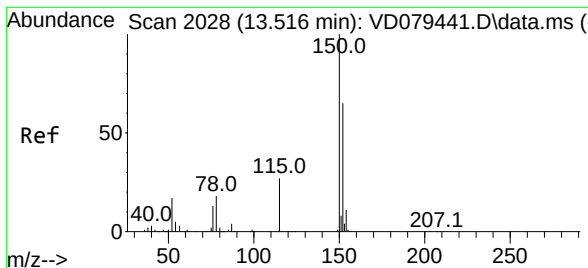
Tgt Ion:	95	Resp:	93144
Ion	Ratio	Lower	Upper
95	100		
174	97.4	0.0	195.4
176	94.8	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

Tgt Ion:	117	Resp:	256383
Ion	Ratio	Lower	Upper
117	100		
82	51.7	39.8	59.6
119	31.7	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.005 min

Lab File: VD079498.D

Acq: 31 Jul 2024 15:56

Instrument :

MSVOA_D

ClientSampleId :

OU4-PCS-03-072324

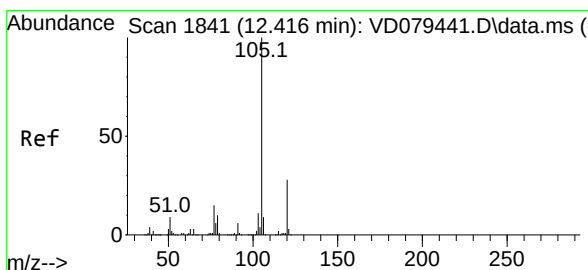
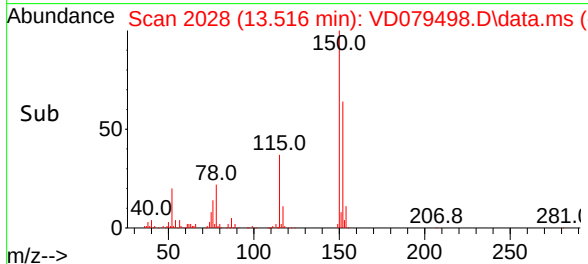
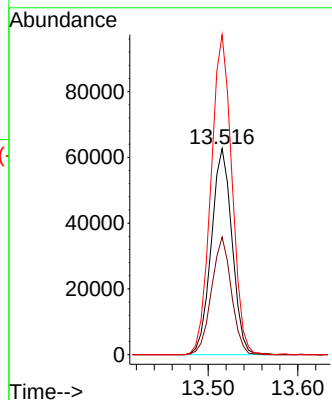
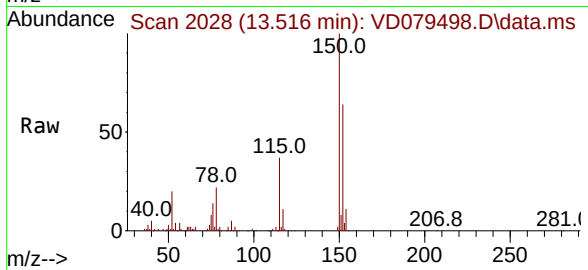
Tgt Ion:152 Resp: 100782

Ion Ratio Lower Upper

152 100

115 54.5 26.5 79.5

150 156.0 0.0 341.6



#73

Isopropylbenzene

Concen: 3.635 ug/l

RT: 12.563 min Scan# 1866

Delta R.T. 0.147 min

Lab File: VD079498.D

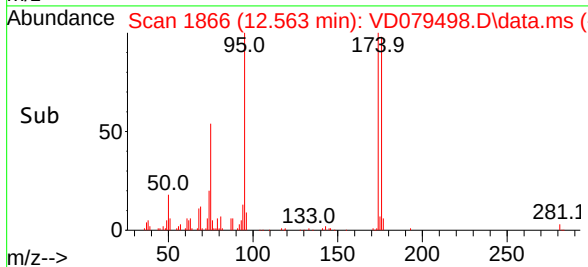
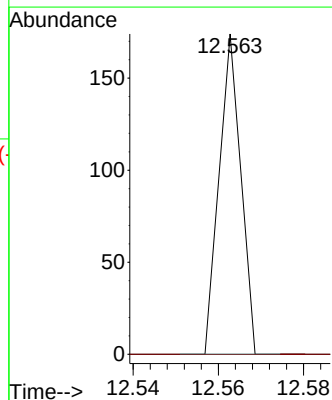
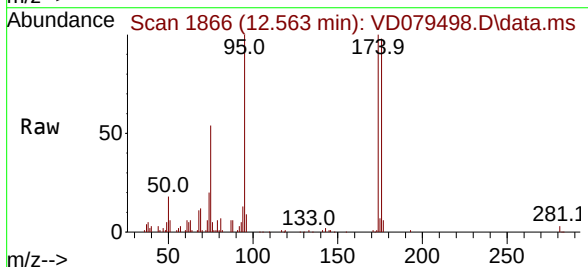
Acq: 31 Jul 2024 15:56

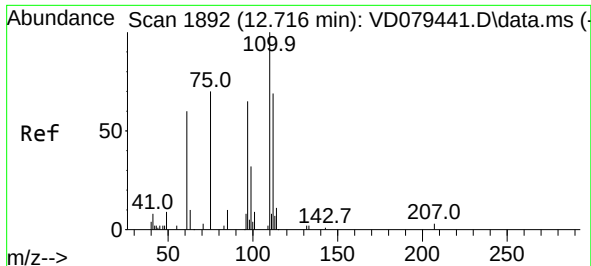
Tgt Ion:105 Resp: 61

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#

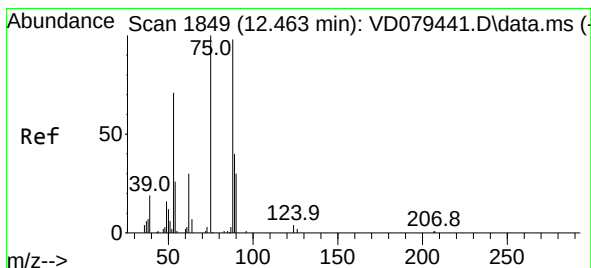
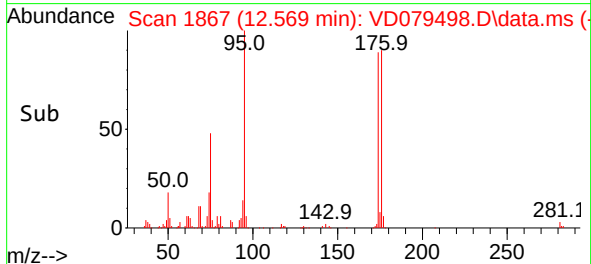
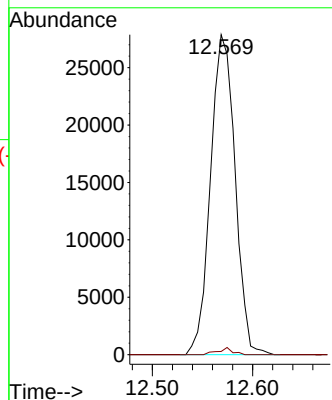
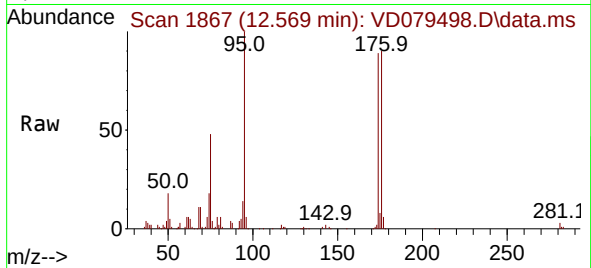




#76
1,2,3-Trichloropropane
Concen: 53.896 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

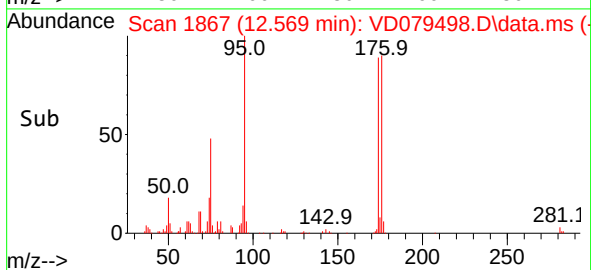
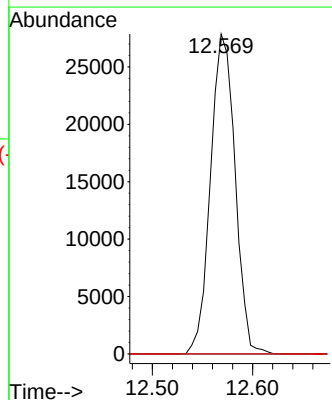
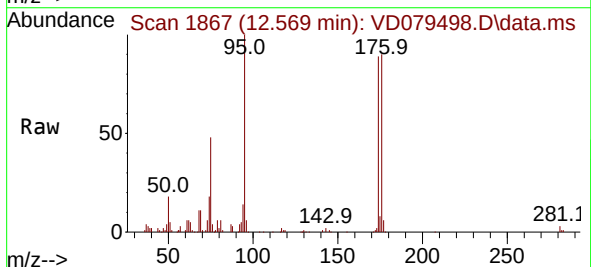
Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-03-072324

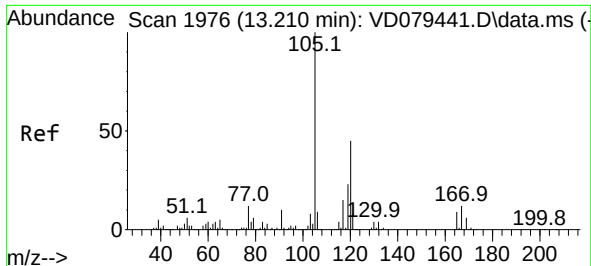
Tgt Ion: 75 Resp: 47479
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.795 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

Tgt Ion: 75 Resp: 47479
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

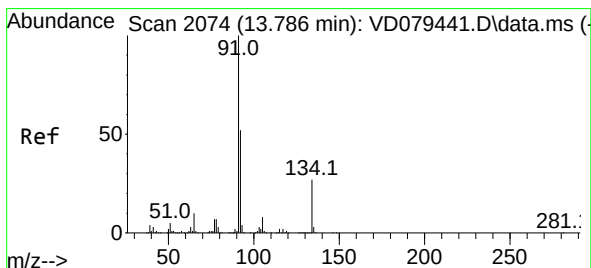
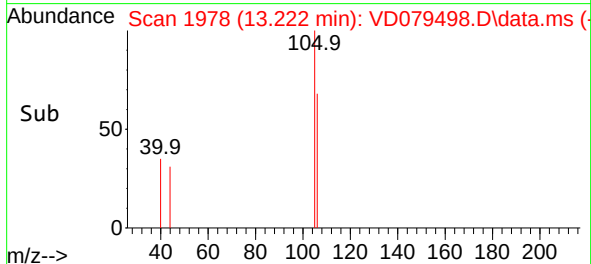
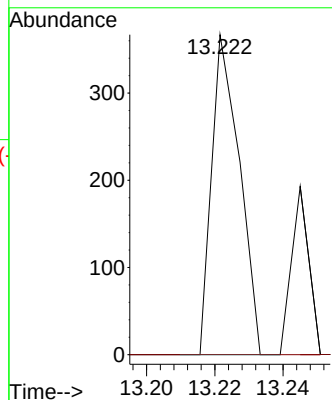
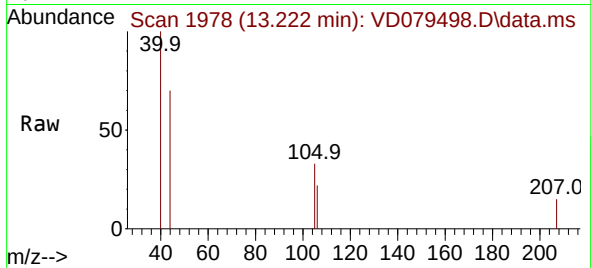




#84
1,2,4-Trimethylbenzene
Concen: 3.459 ug/l
RT: 13.222 min Scan# 1976
Delta R.T. 0.018 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-03-072324

Tgt Ion:105 Resp: 208
Ion Ratio Lower Upper
105 100
120 0.0 23.6 71.0#



#89
n-Butylbenzene
Concen: 3.808 ug/l
RT: 13.504 min Scan# 2026
Delta R.T. -0.277 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

Tgt Ion: 91 Resp: 180
Ion Ratio Lower Upper
91 100
92 0.0 25.7 77.0#
134 0.0 13.6 40.8#

