

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079501.D
 Acq On : 31 Jul 2024 17:32
 Operator : RP/MD
 Sample : P3379-13
 Misc : 6.08G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Aug 01 01:53:41 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

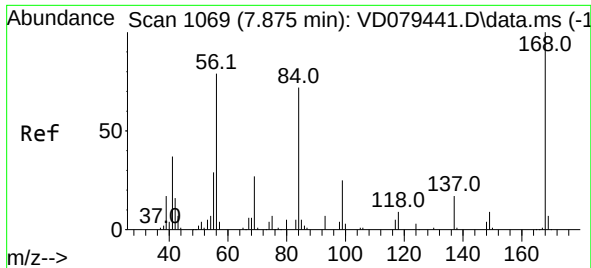
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	140871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	270939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	254369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	109182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92961	64.957	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.920%			
35) Dibromofluoromethane	7.804	113	103697	56.546	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.100%			
50) Toluene-d8	10.269	98	354424	49.768	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.540%			
62) 4-Bromofluorobenzene	12.569	95	92654	44.960	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 89.920%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.693	94	116	Below Cal	#	55
11) Tert butyl alcohol	5.063	59	71	Below Cal	#	86
20) Methylene Chloride	4.793	84	20405	Below Cal	#	87
31) Cyclohexane	7.869	56	2879	1.211	ug/l #	14
36) 1,1-Dichloropropene	7.875	75	10404	4.157	ug/l #	46
38) Carbon Tetrachloride	7.875	117	13452	5.112	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	1523	1.547	ug/l #	1
73) Isopropylbenzene	12.557	105	62	3.635	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	45137	47.296	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	45137	90.206	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.216	105	93	3.441	ug/l #	29
89) n-Butylbenzene	13.516	91	259	3.816	ug/l #	34

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

Quant Time: Aug 01 01:53:41 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

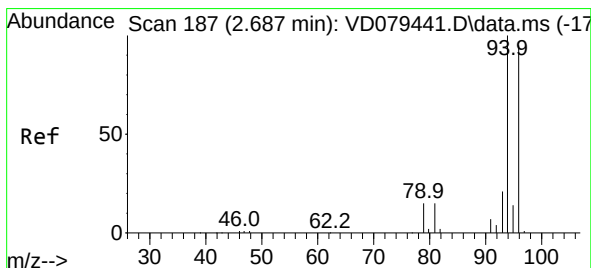
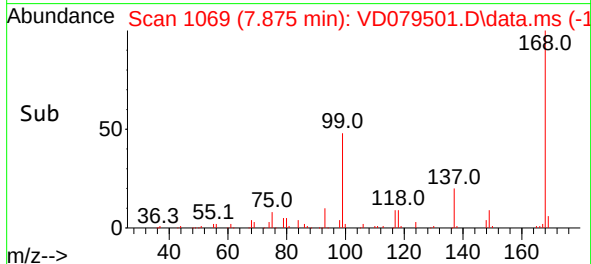
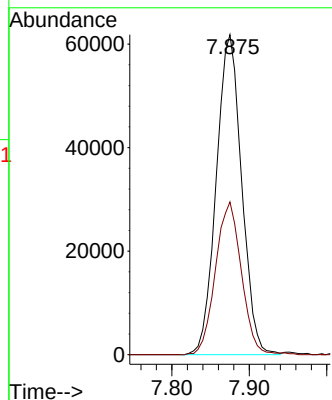
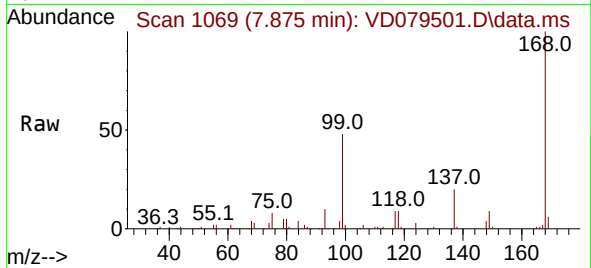




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079501.D
Acq: 31 Jul 2024 17:32

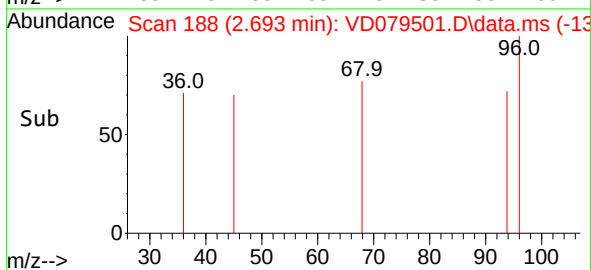
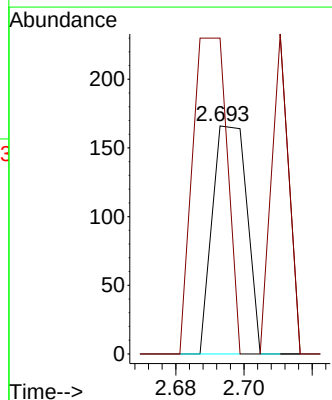
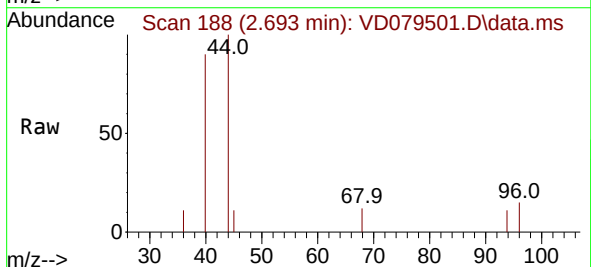
Instrument :
MSVOA_D
ClientSampleId :
OU4-VSL-02-072324

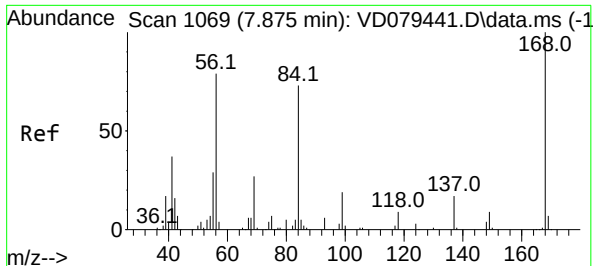
Tgt Ion:168 Resp: 140871
Ion Ratio Lower Upper
168 100
99 47.7 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD079501.D
Acq: 31 Jul 2024 17:32

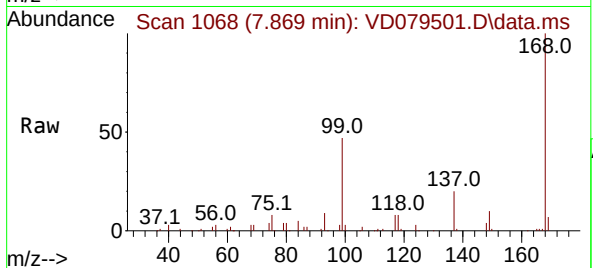
Tgt Ion: 94 Resp: 116
Ion Ratio Lower Upper
94 100
96 139.7 76.9 115.3#



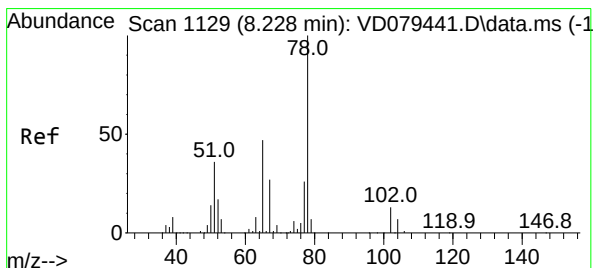
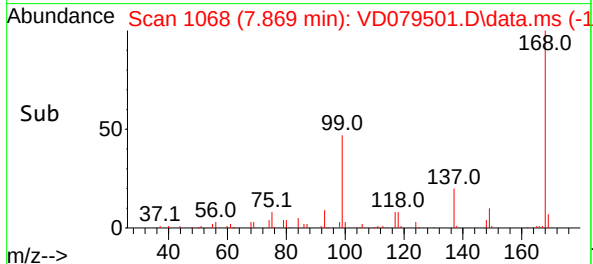
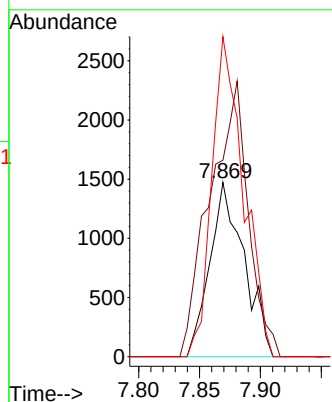


#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD079501.D
Acq: 31 Jul 2024 17:32

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

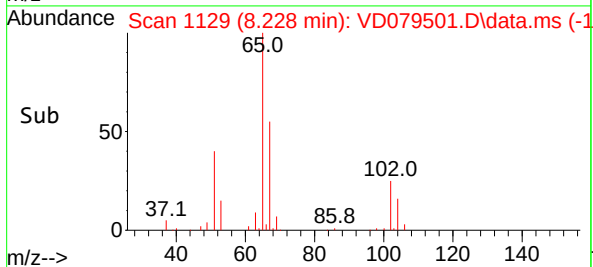
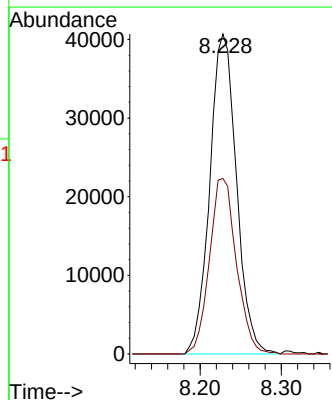
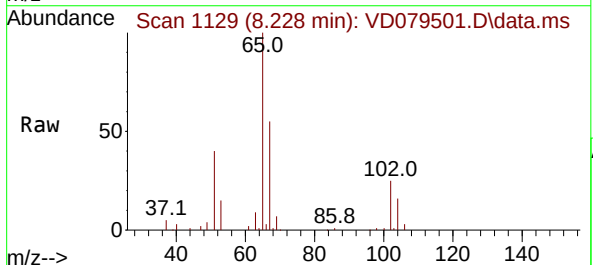


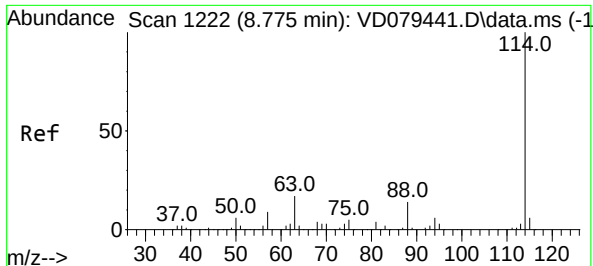
Tgt Ion: 56 Resp: 2879
Ion Ratio Lower Upper
56 100
69 112.8 28.0 42.0#
84 183.7 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 64.957 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079501.D
Acq: 31 Jul 2024 17:32

Tgt Ion: 65 Resp: 92961
Ion Ratio Lower Upper
65 100
67 55.4 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: VD079501.D

Acq: 31 Jul 2024 17:32

Instrument :

MSVOA_D

ClientSampleId :

OU4-VSL-02-072324

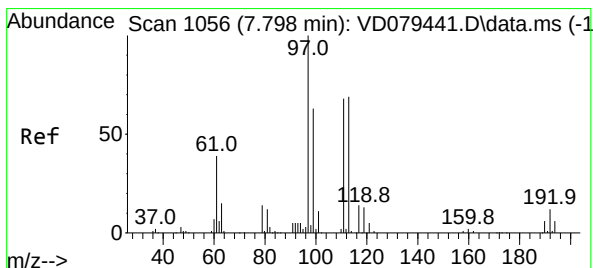
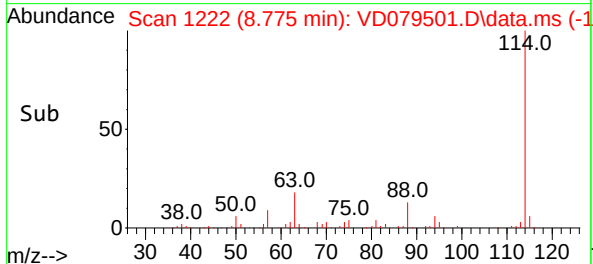
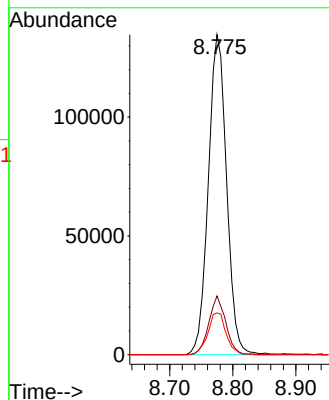
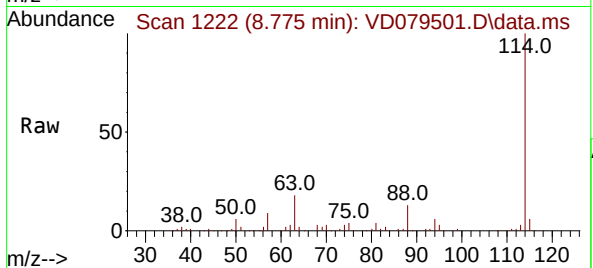
Tgt Ion:114 Resp: 270939

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

88 13.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.546 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079501.D

Acq: 31 Jul 2024 17:32

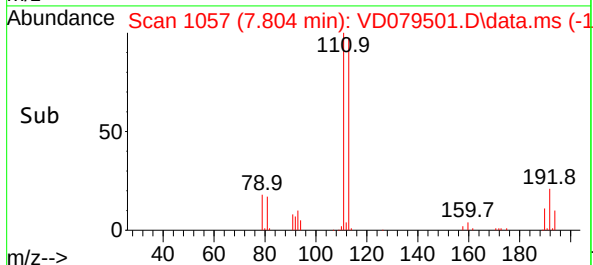
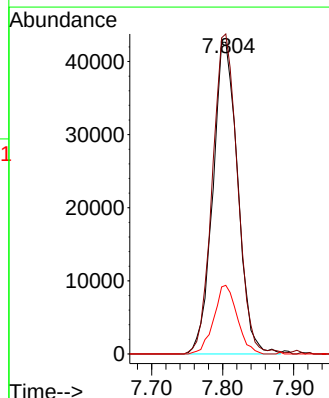
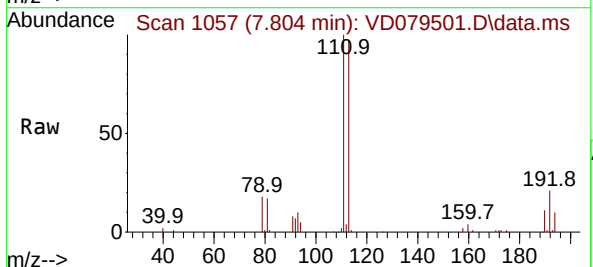
Tgt Ion:113 Resp: 103697

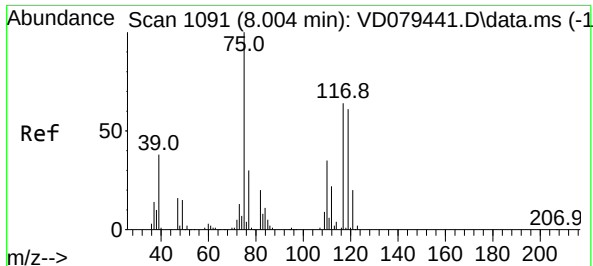
Ion Ratio Lower Upper

113 100

111 103.5 84.0 126.0

192 20.7 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.157 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD079501.D

Acq: 31 Jul 2024 17:32

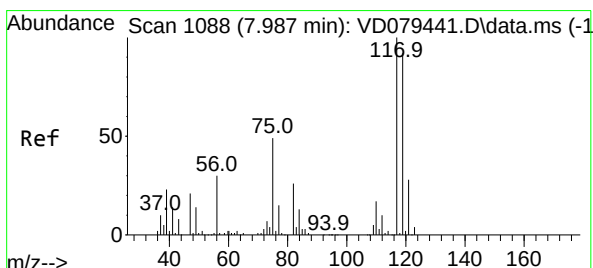
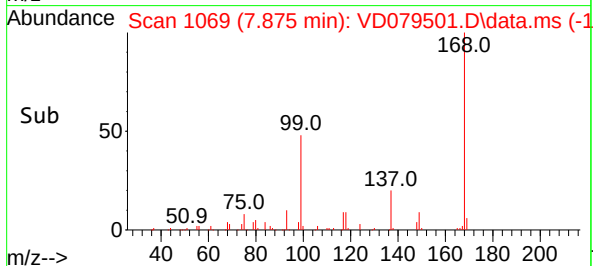
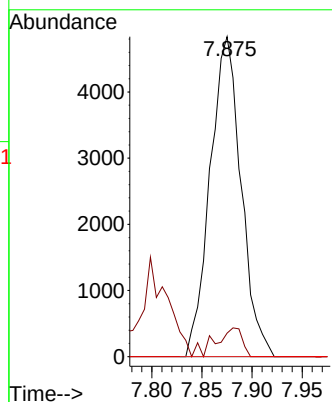
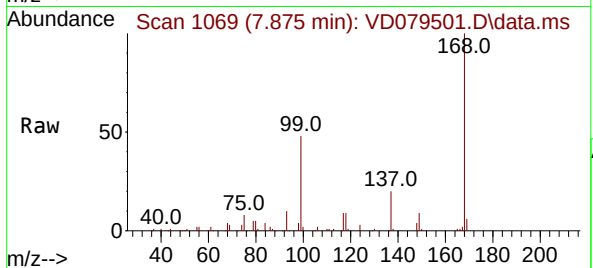
Instrument :

MSVOA_D

ClientSampleId :

OU4-VSL-02-072324

Tgt Ion:	75	Resp:	10404
Ion	Ratio	Lower	Upper
75	100		
110	7.8	19.6	58.7#
77	0.0	26.1	39.1#



#38

Carbon Tetrachloride

Concen: 5.112 ug/l

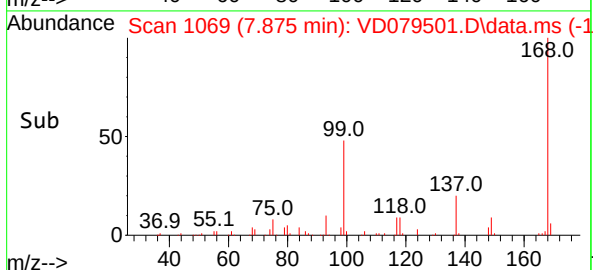
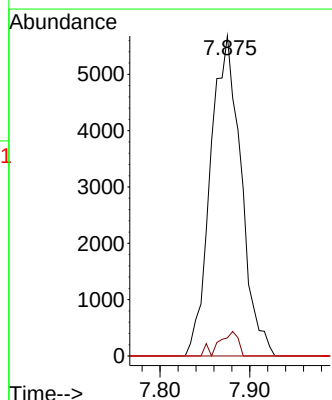
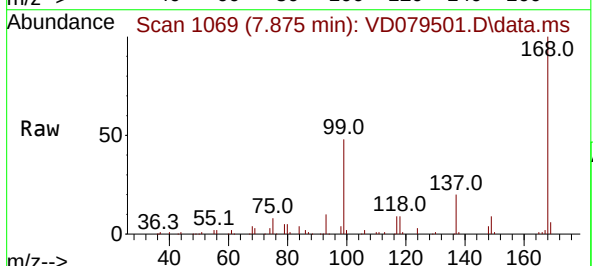
RT: 7.875 min Scan# 1069

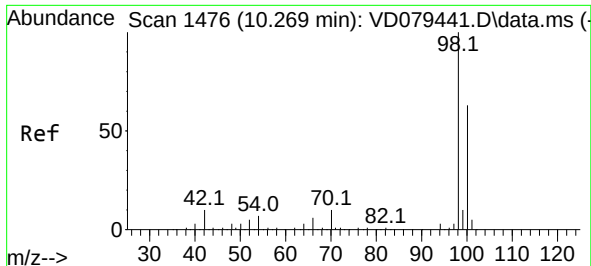
Delta R.T. -0.112 min

Lab File: VD079501.D

Acq: 31 Jul 2024 17:32

Tgt Ion:	117	Resp:	13452
Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.4	113.0#
121	0.0	25.0	37.4#

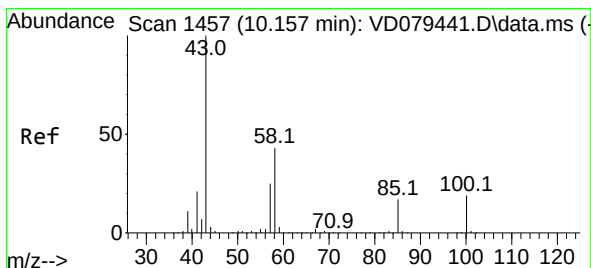
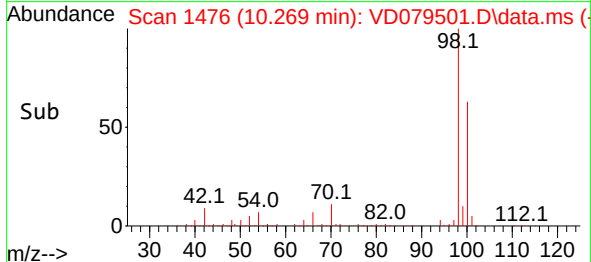
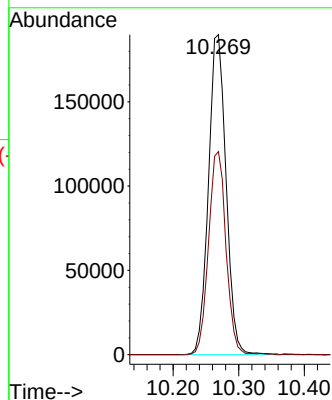
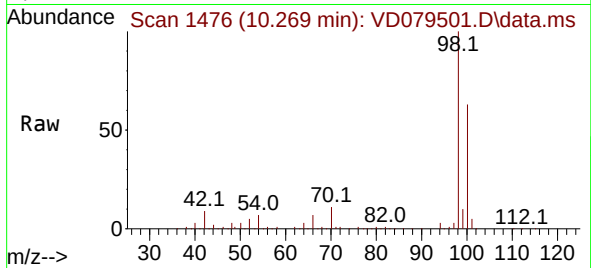




#50
Toluene-d8
Concen: 49.768 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079501.D
Acq: 31 Jul 2024 17:32

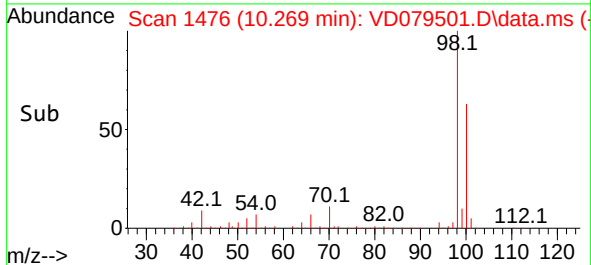
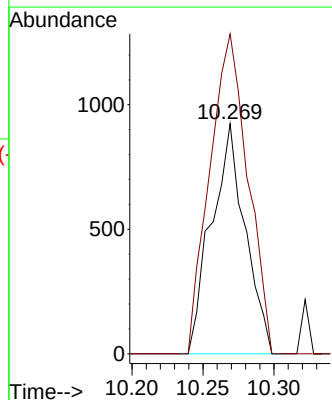
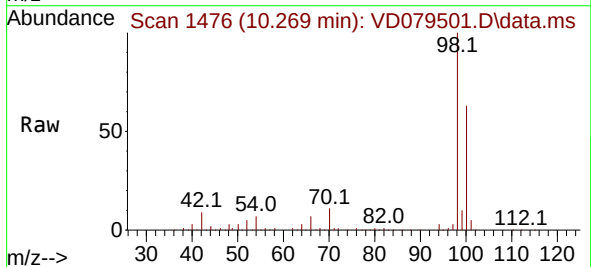
Instrument :
MSVOA_D
ClientSampleId :
OU4-VSL-02-072324

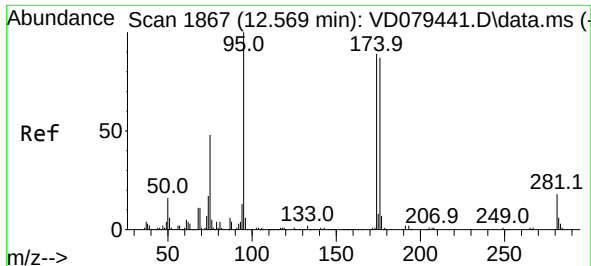
Tgt Ion: 98 Resp: 354424
Ion Ratio Lower Upper
98 100
100 63.1 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.547 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD079501.D
Acq: 31 Jul 2024 17:32

Tgt Ion: 43 Resp: 1523
Ion Ratio Lower Upper
43 100
58 157.2 36.6 55.0#

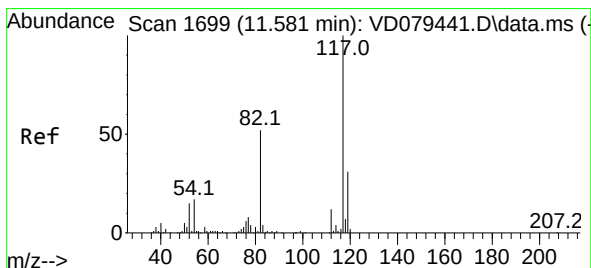
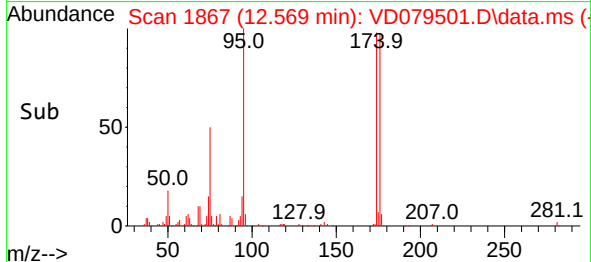
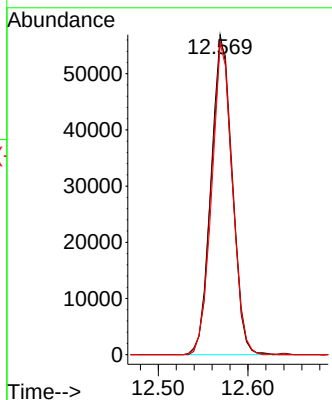
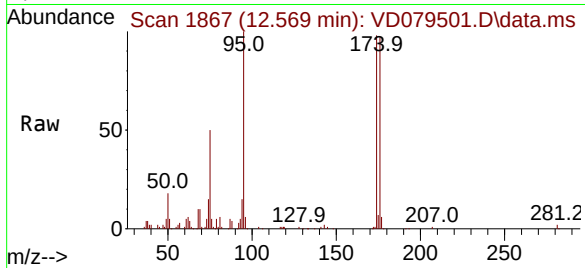




#62
4-Bromofluorobenzene
Concen: 44.960 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079501.D
Acq: 31 Jul 2024 17:32

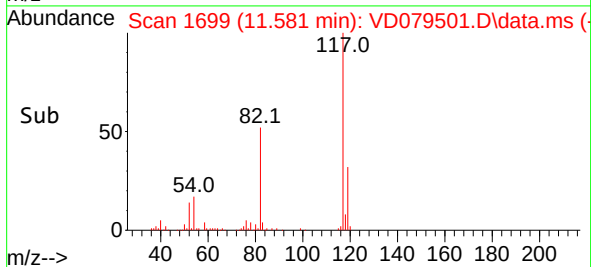
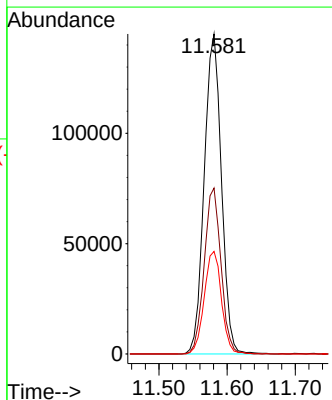
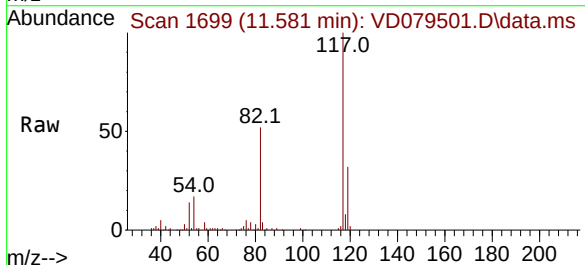
Instrument :
MSVOA_D
ClientSampleId :
OU4-VSL-02-072324

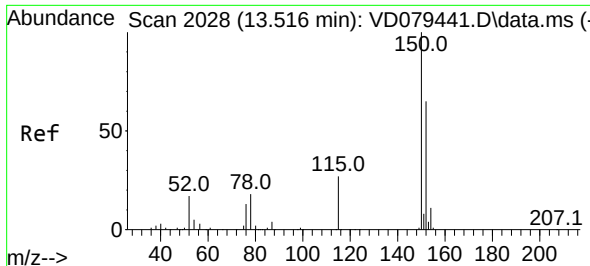
Tgt Ion:	95	Resp:	92654
Ion Ratio	Lower	Upper	
95	100		
174	99.3	0.0	195.4
176	95.3	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079501.D
Acq: 31 Jul 2024 17:32

Tgt Ion:	117	Resp:	254369
Ion Ratio	Lower	Upper	
117	100		
82	51.9	39.8	59.6
119	32.0	25.7	38.5

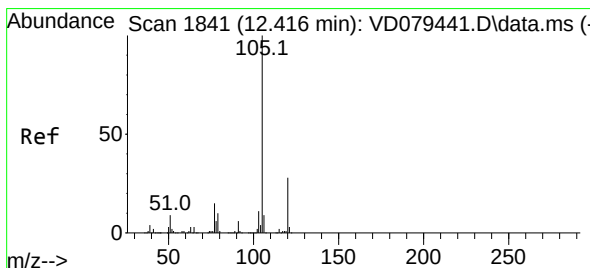
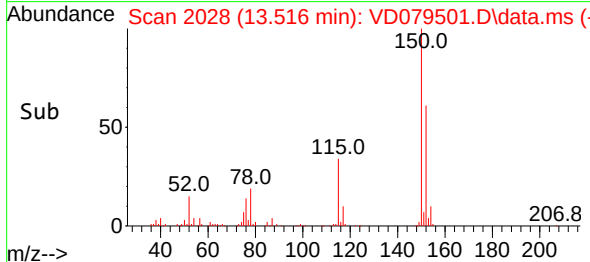
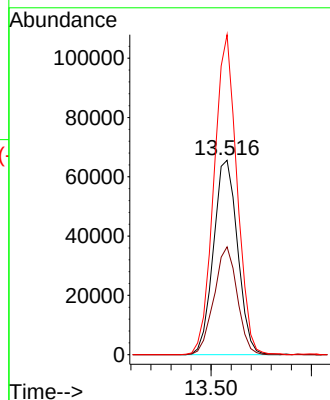
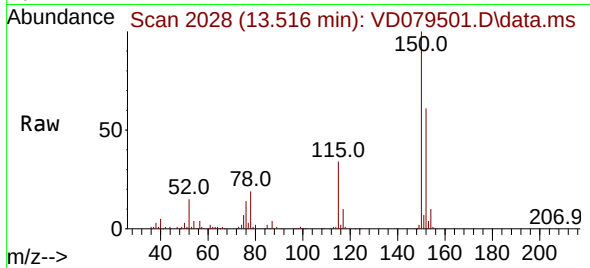




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD079501.D
Acq: 31 Jul 2024 17:32

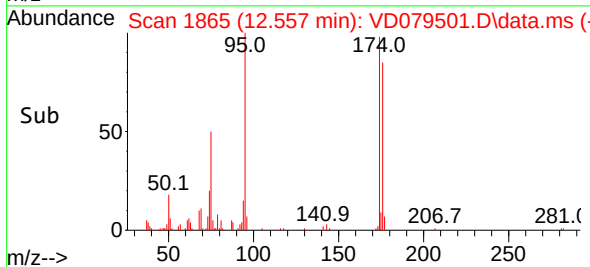
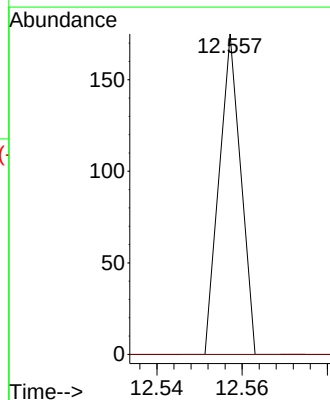
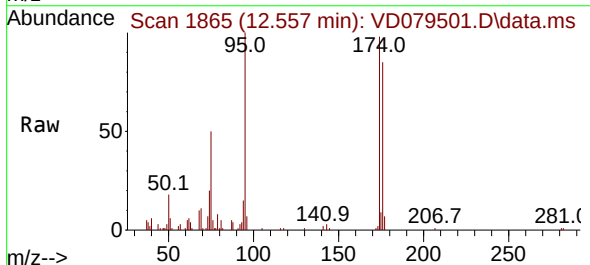
Instrument :
MSVOA_D
ClientSampleId :
OU4-VSL-02-072324

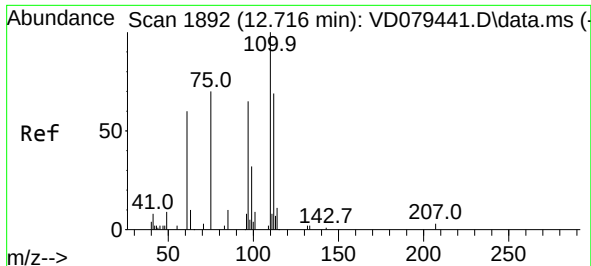
Tgt Ion:152 Resp: 109182
Ion Ratio Lower Upper
152 100
115 53.3 26.5 79.5
150 157.1 0.0 341.6



#73
Isopropylbenzene
Concen: 3.635 ug/l
RT: 12.557 min Scan# 1865
Delta R.T. 0.141 min
Lab File: VD079501.D
Acq: 31 Jul 2024 17:32

Tgt Ion:105 Resp: 62
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.7#

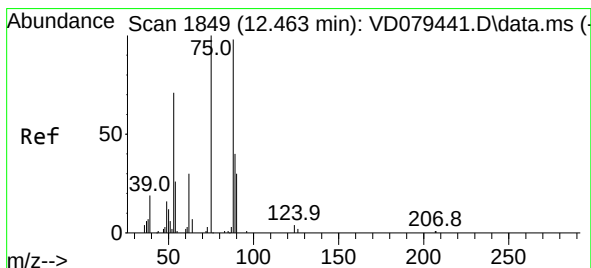
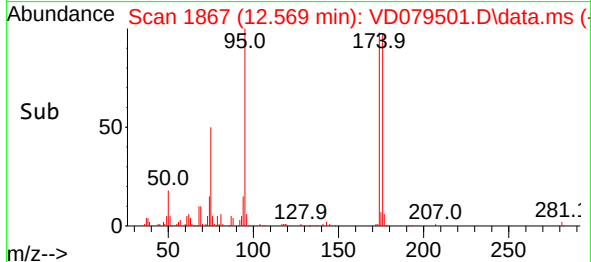
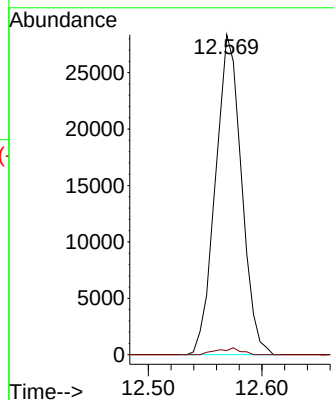
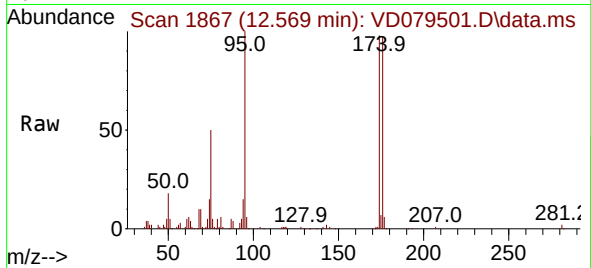




#76
 1,2,3-Trichloropropane
 Concen: 47.296 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD079501.D
 Acq: 31 Jul 2024 17:32

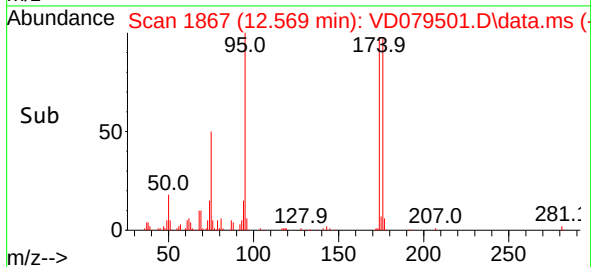
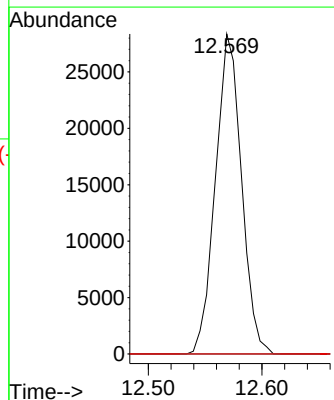
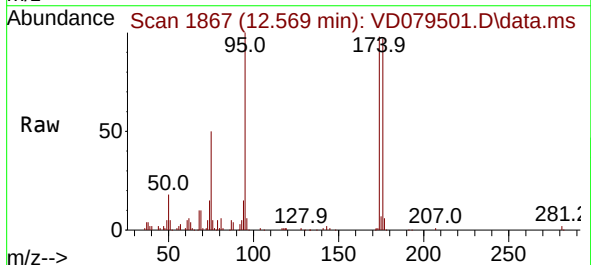
Instrument :
 MSVOA_D
 ClientSampleId :
 OU4-VSL-02-072324

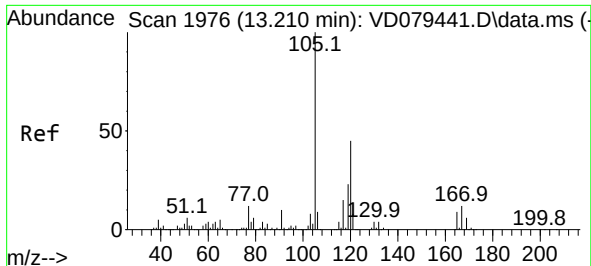
Tgt Ion: 75 Resp: 45137
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.206 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. 0.100 min
 Lab File: VD079501.D
 Acq: 31 Jul 2024 17:32

Tgt Ion: 75 Resp: 45137
 Ion Ratio Lower Upper
 75 100
 53 0.0 61.4 92.2#
 89 0.0 35.4 53.0#

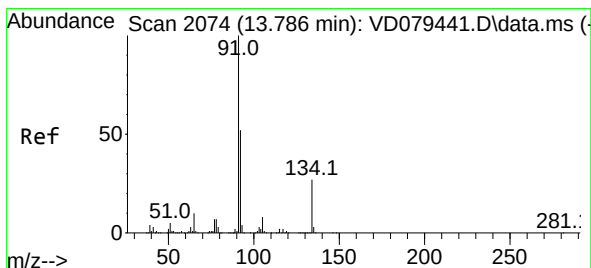
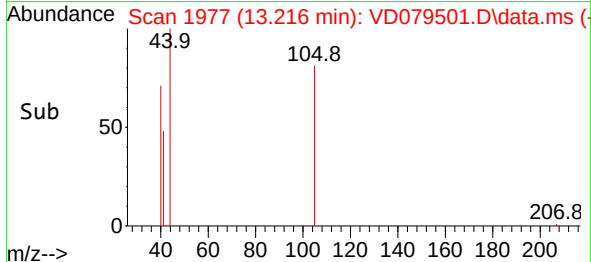
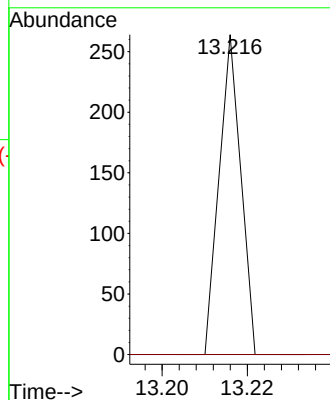
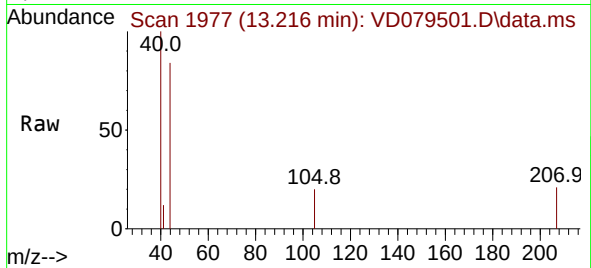




#84
1,2,4-Trimethylbenzene
Concen: 3.441 ug/l
RT: 13.216 min Scan# 1976
Delta R.T. 0.012 min
Lab File: VD079501.D
Acq: 31 Jul 2024 17:32

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

Tgt Ion:105 Resp: 93
Ion Ratio Lower Upper
105 100
120 0.0 23.6 71.0#



#89
n-Butylbenzene
Concen: 3.816 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.265 min
Lab File: VD079501.D
Acq: 31 Jul 2024 17:32

Tgt Ion: 91 Resp: 259
Ion Ratio Lower Upper
91 100
92 0.0 25.7 77.0#
134 0.0 13.6 40.8#

