

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079500.D
 Acq On : 31 Jul 2024 17:04
 Operator : RP/MD
 Sample : P3379-11
 Misc : 6.03G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU4-VSL-01-072324RE

Quant Time: Aug 01 01:53:16 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)

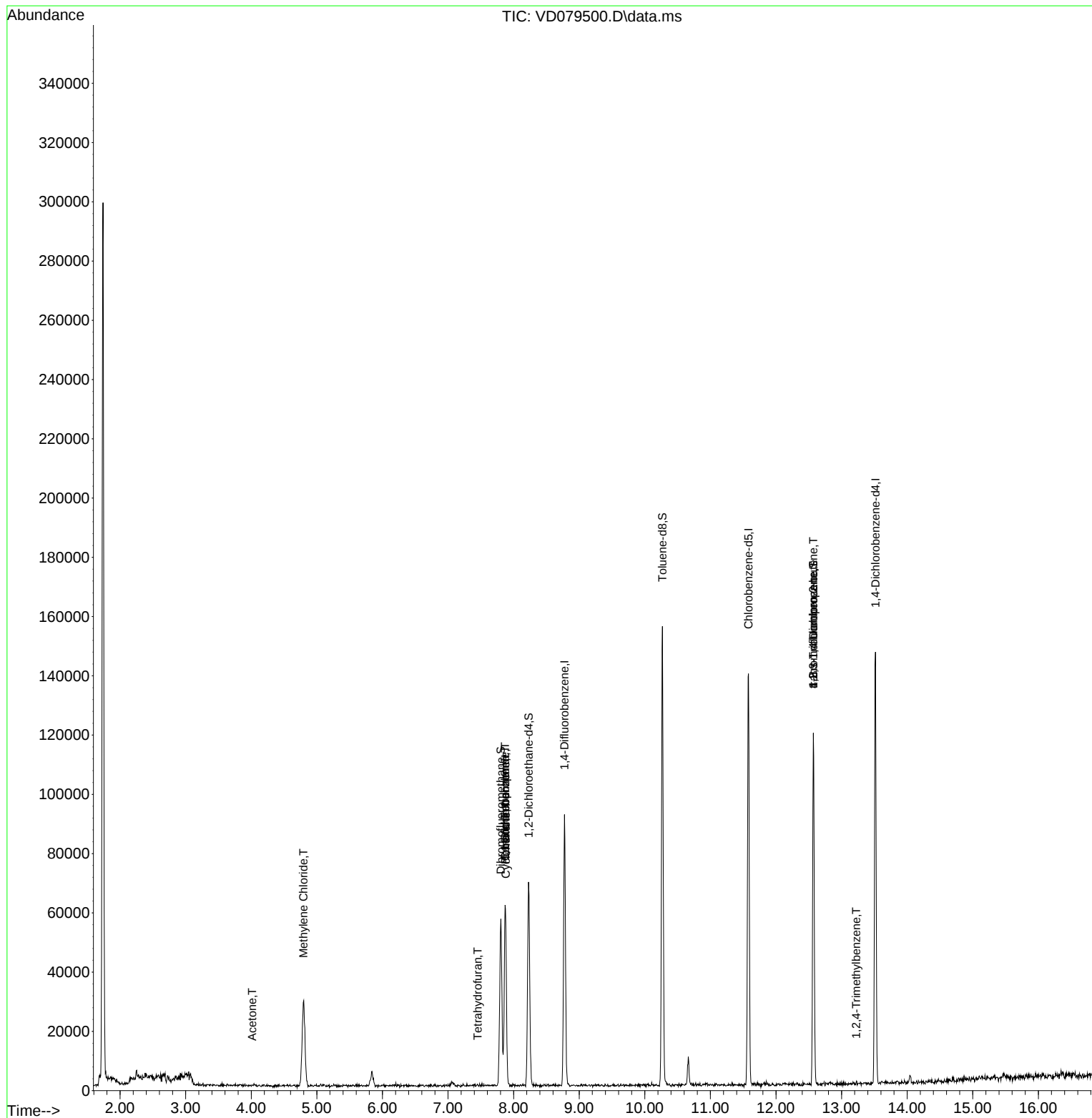
Internal Standards						
1) Pentafluorobenzene	7.875	168	49840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	82491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	88981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	44146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	54092	106.832	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 213.660%#	
35) Dibromofluoromethane	7.805	113	41282	73.937	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 147.880%#	
50) Toluene-d8	10.269	98	109094	50.315	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	12.569	95	35522	56.614	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.220%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.681	94	150	Below Cal	#	2
11) Tert butyl alcohol	5.058	59	290	Below Cal	#	86
16) Acetone	4.017	43	151	1.535	ug/l #	42
20) Methylene Chloride	4.793	84	22175	23.088	ug/l #	84
29) Tetrahydrofuran	7.452	42	405	4.685	ug/l #	30
31) Cyclohexane	7.881	56	850	1.011	ug/l #	24
36) 1,1-Dichloropropene	7.869	75	4098	5.377	ug/l #	42
38) Carbon Tetrachloride	7.869	117	4577	5.713	ug/l #	13
76) 1,2,3-Trichloropropane	12.569	75	17704	45.880	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	17704	87.505	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.222	105	135	3.474	ug/l #	29

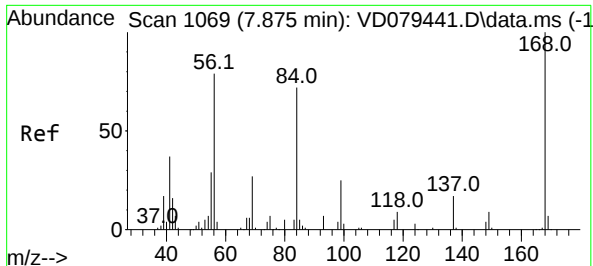
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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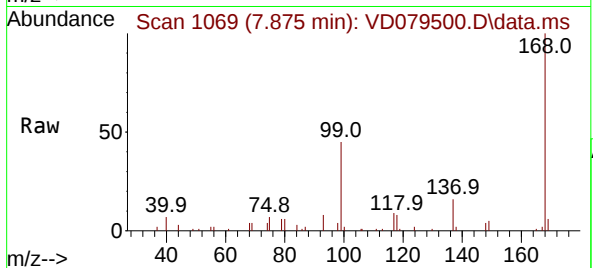
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



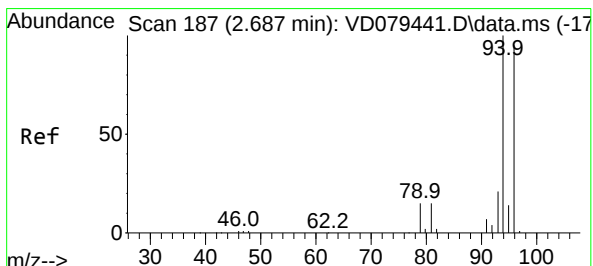
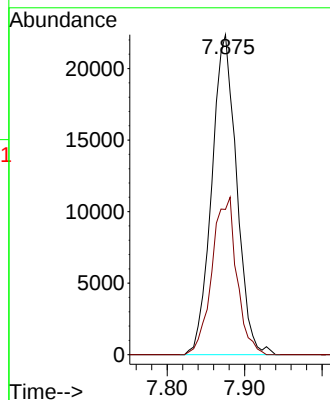
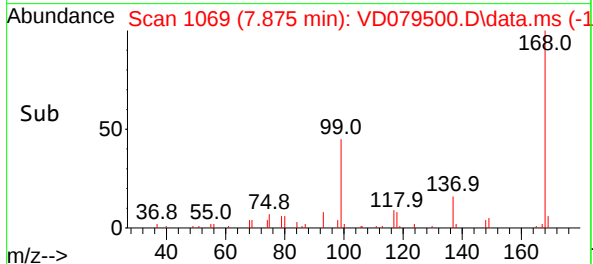


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079500.D
Acq: 31 Jul 2024 17:04

Instrument :
MSVOA_D
ClientSampleId :
OU4-VSL-01-072324RE

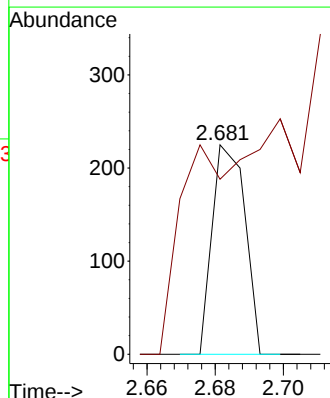
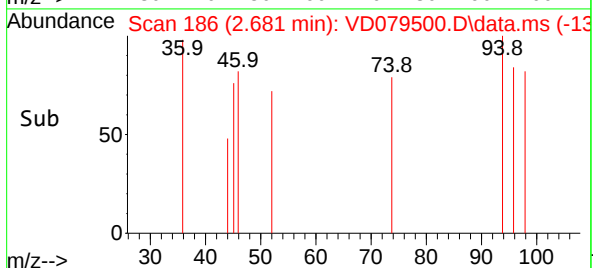
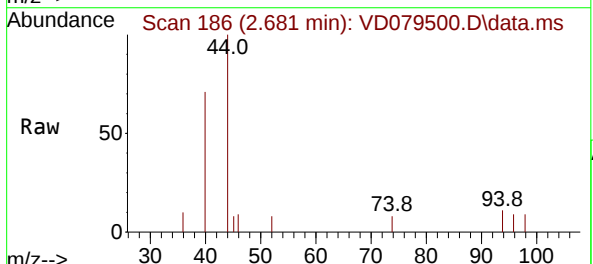


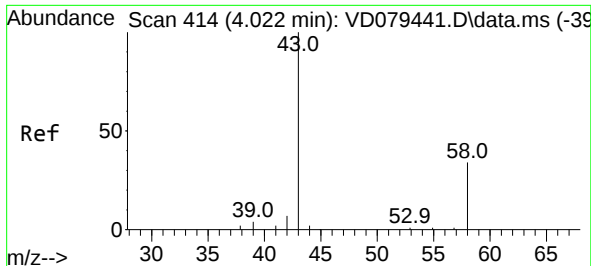
Tgt Ion:168 Resp: 49840
Ion Ratio Lower Upper
168 100
99 45.4 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.681 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD079500.D
Acq: 31 Jul 2024 17:04

Tgt Ion: 94 Resp: 150
Ion Ratio Lower Upper
94 100
96 0.0 76.9 115.3#

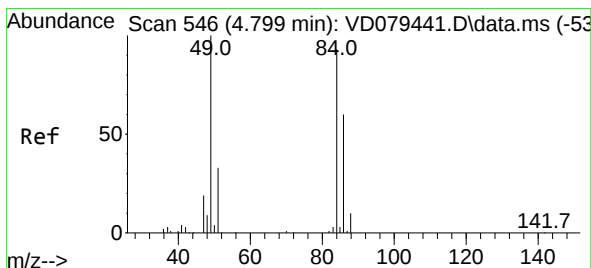
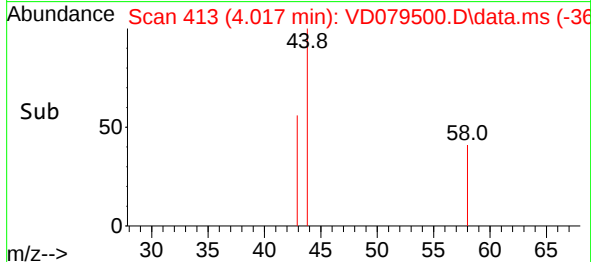
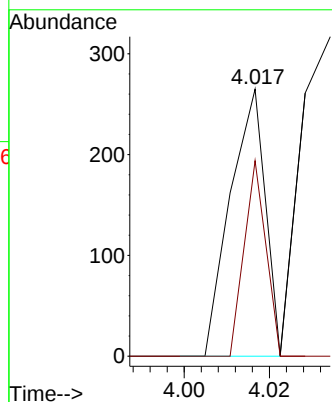
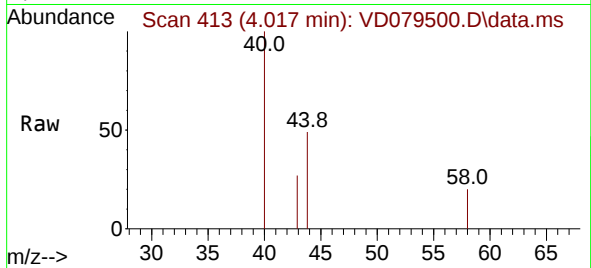




#16
Acetone
Concen: 1.535 ug/l
RT: 4.017 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD079500.D
Acq: 31 Jul 2024 17:04

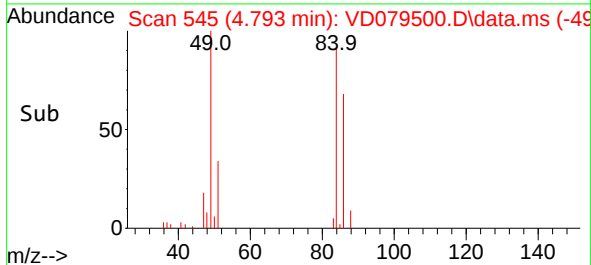
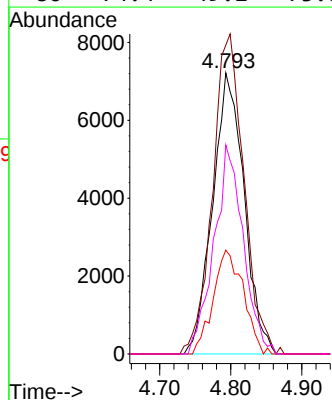
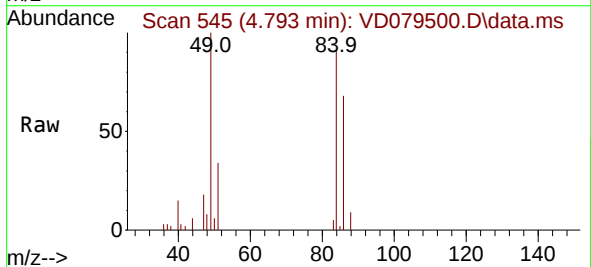
Instrument :
MSVOA_D
ClientSampleId :
OU4-VSL-01-072324RE

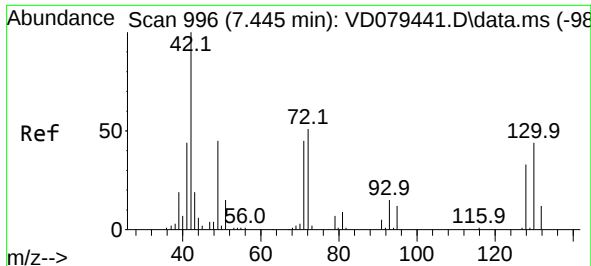
Tgt Ion: 43 Resp: 151
Ion Ratio Lower Upper
43 100
58 73.2 30.4 45.6#



#20
Methylene Chloride
Concen: 23.088 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079500.D
Acq: 31 Jul 2024 17:04

Tgt Ion: 84 Resp: 22175
Ion Ratio Lower Upper
84 100
49 109.9 75.6 113.4
51 36.9 24.2 36.2#
86 74.4 49.2 73.8#





#29

Tetrahydrofuran

Concen: 4.685 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.006 min

Lab File: VD079500.D

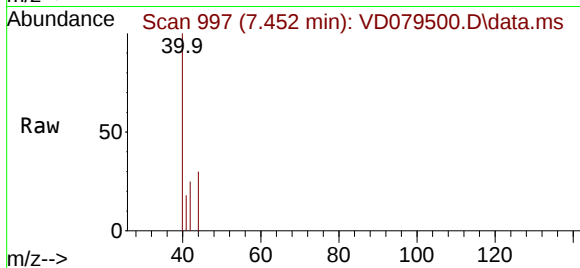
Acq: 31 Jul 2024 17:04

Instrument :

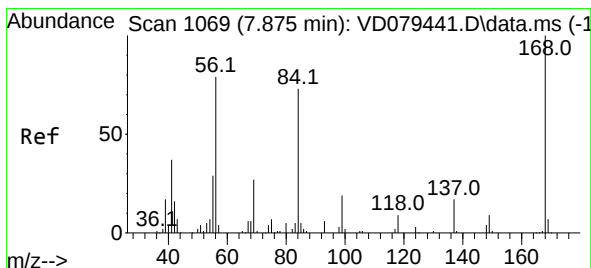
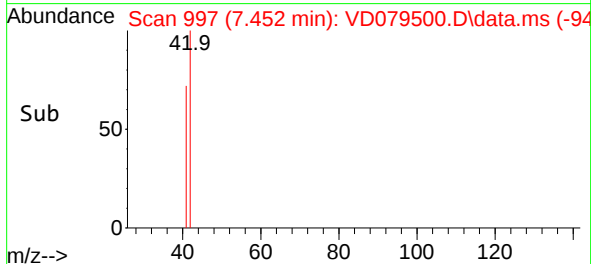
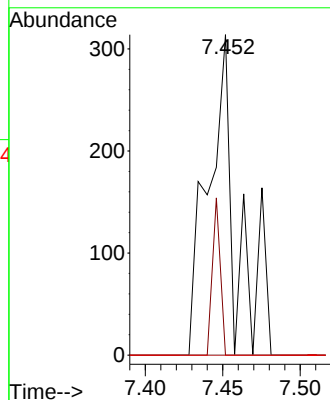
MSVOA_D

ClientSampleId :

OU4-VSL-01-072324RE



Tgt Ion:	42	Resp:	405
Ion	Ratio	Lower	Upper
42	100		
72	13.3	49.4	74.0#
71	0.0	45.0	67.6#



#31

Cyclohexane

Concen: 1.011 ug/l

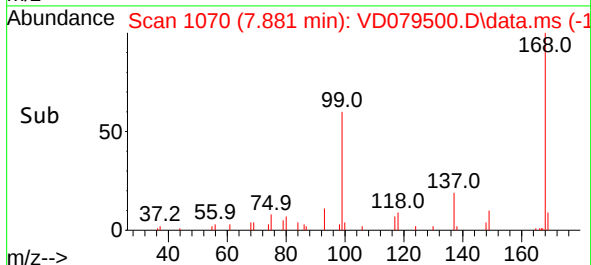
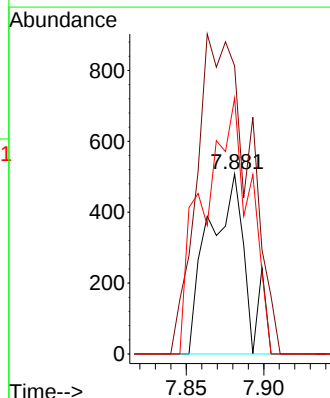
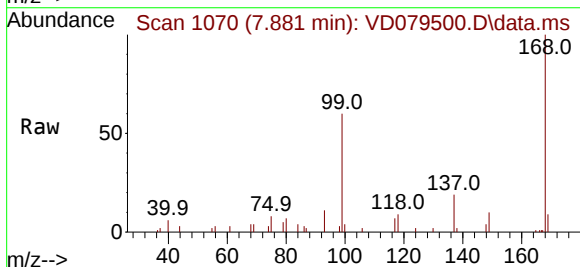
RT: 7.881 min Scan# 1070

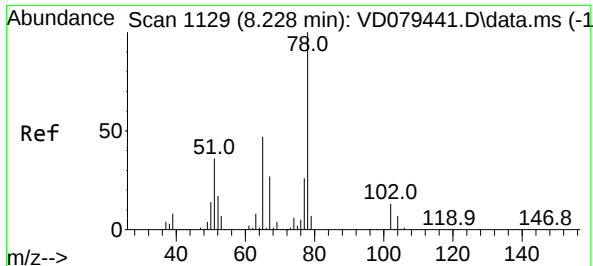
Delta R.T. 0.000 min

Lab File: VD079500.D

Acq: 31 Jul 2024 17:04

Tgt Ion:	56	Resp:	850
Ion	Ratio	Lower	Upper
56	100		
69	160.0	28.0	42.0#
84	142.1	87.4	131.0#





#33

1,2-Dichloroethane-d4

Concen: 106.832 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079500.D

Acq: 31 Jul 2024 17:04

Instrument :

MSVOA_D

ClientSampleId :

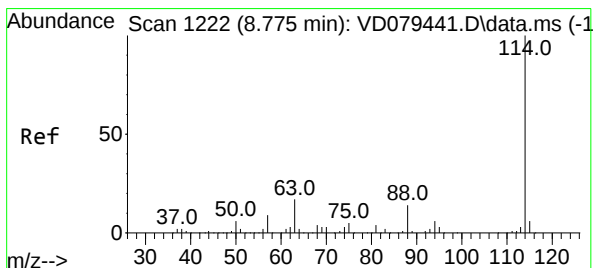
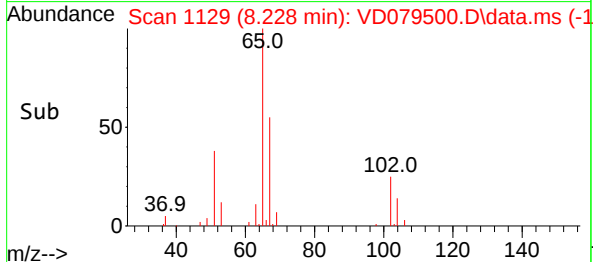
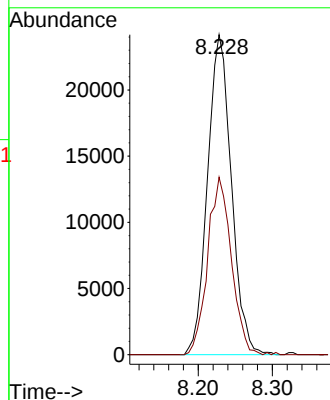
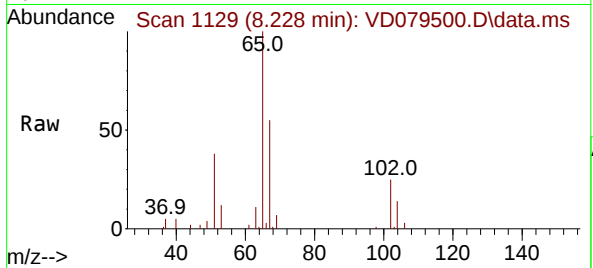
OU4-VSL-01-072324RE

Tgt Ion: 65 Resp: 54092

Ion Ratio Lower Upper

65 100

67 55.1 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: VD079500.D

Acq: 31 Jul 2024 17:04

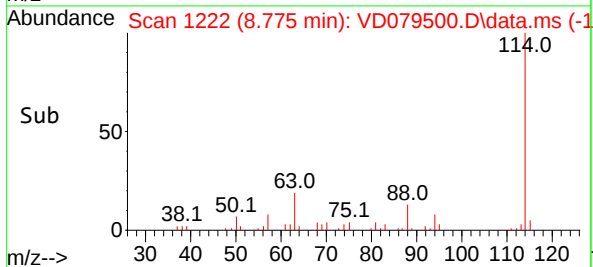
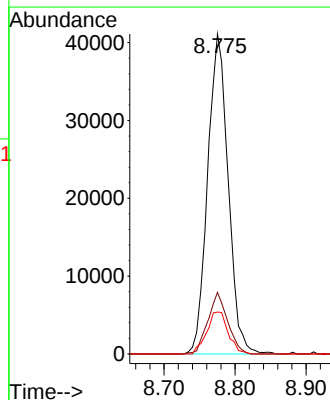
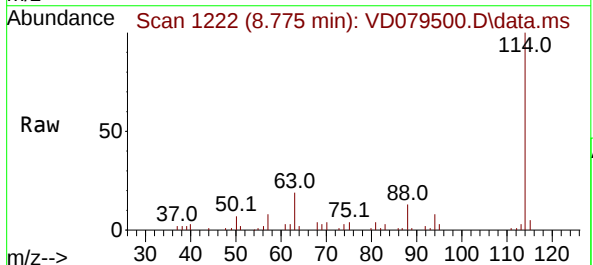
Tgt Ion: 114 Resp: 82491

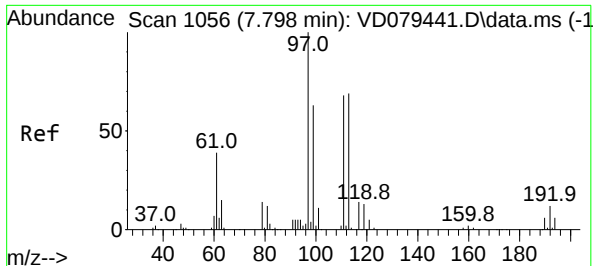
Ion Ratio Lower Upper

114 100

63 19.2 0.0 34.0

88 13.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 73.937 ug/l

RT: 7.805 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD079500.D

Acq: 31 Jul 2024 17:04

Instrument :

MSVOA_D

ClientSampleId :

OU4-VSL-01-072324RE

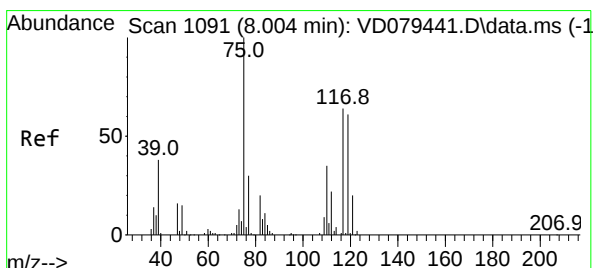
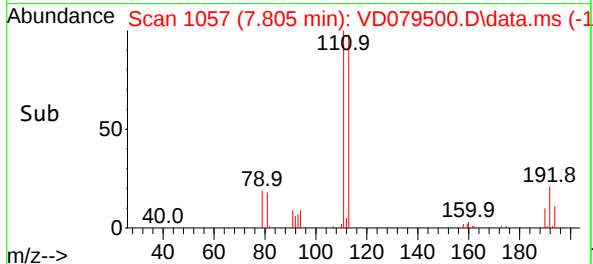
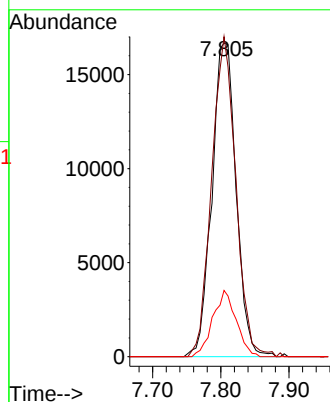
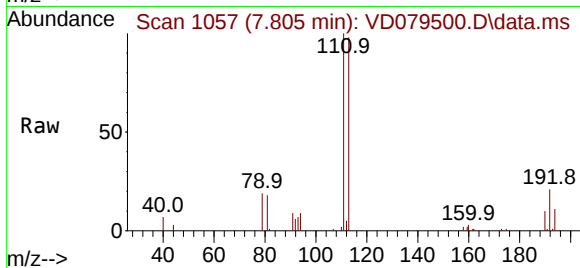
Tgt Ion:113 Resp: 41282

Ion Ratio Lower Upper

113 100

111 101.7 84.0 126.0

192 20.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 5.377 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD079500.D

Acq: 31 Jul 2024 17:04

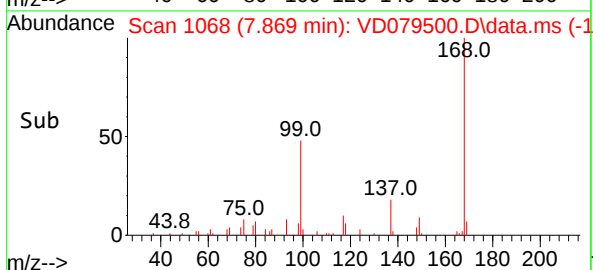
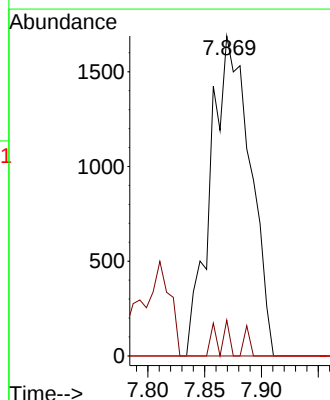
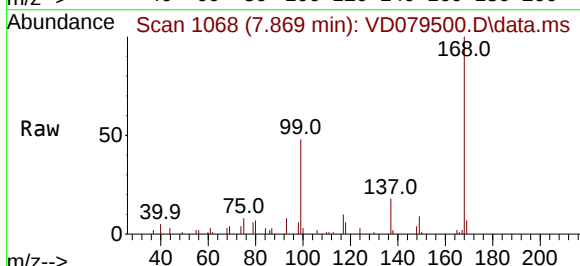
Tgt Ion: 75 Resp: 4098

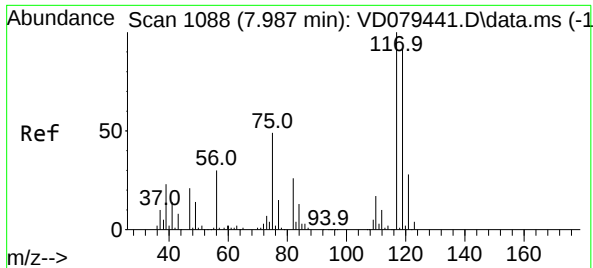
Ion Ratio Lower Upper

75 100

110 3.1 19.6 58.7#

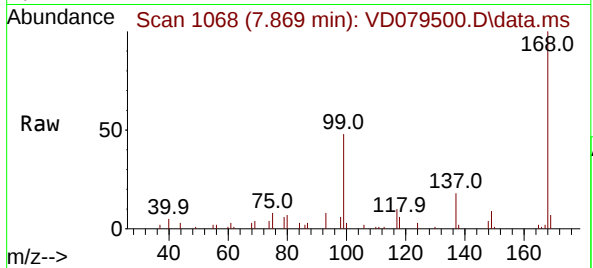
77 0.0 26.1 39.1#



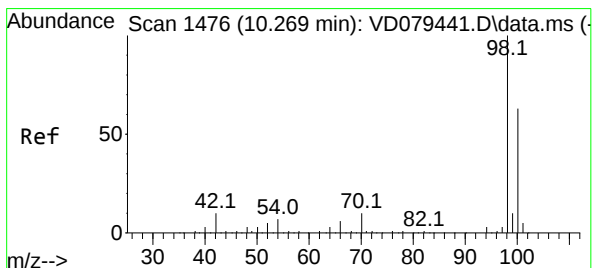
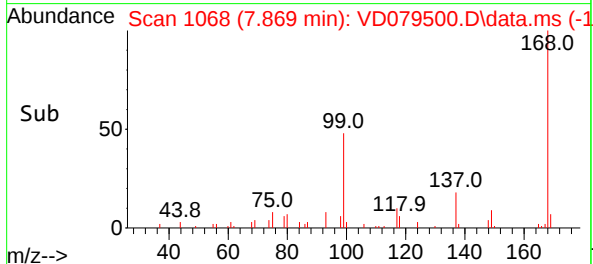
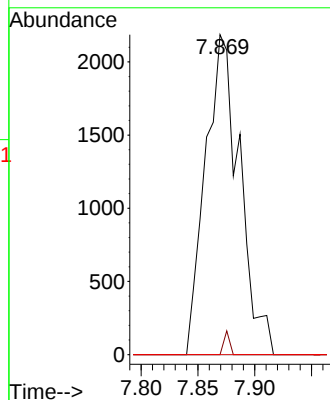


#38
Carbon Tetrachloride
Concen: 5.713 ug/l
RT: 7.869 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD079500.D
Acq: 31 Jul 2024 17:04

Instrument :
MSVOA_D
ClientSampleId :
OU4-VSL-01-072324RE

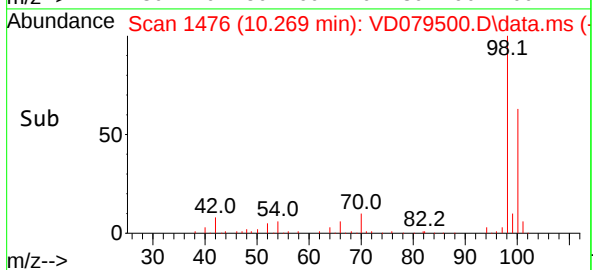
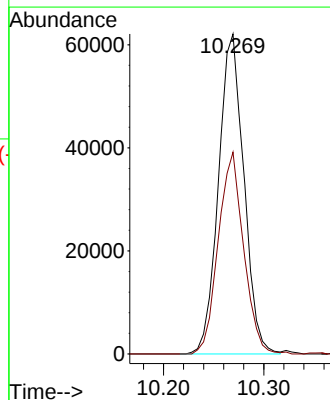
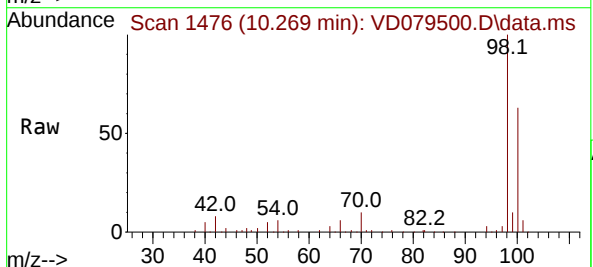


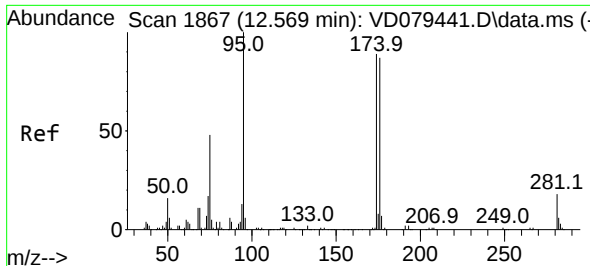
Tgt Ion:117 Resp: 4577
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 50.315 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079500.D
Acq: 31 Jul 2024 17:04

Tgt Ion: 98 Resp: 109094
Ion Ratio Lower Upper
98 100
100 63.0 51.6 77.4

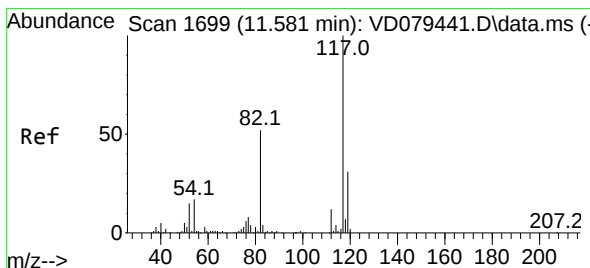
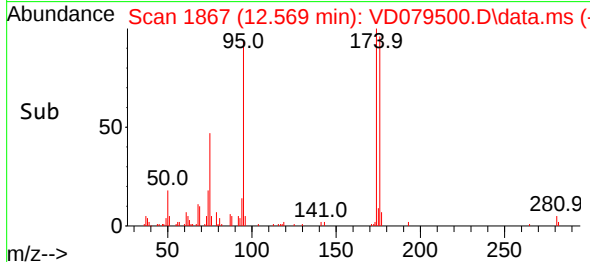
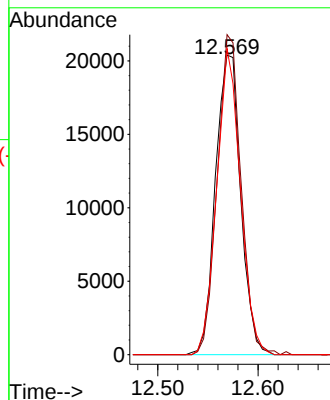
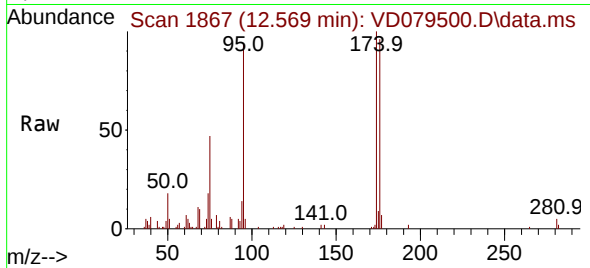




#62
4-Bromofluorobenzene
Concen: 56.614 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079500.D
Acq: 31 Jul 2024 17:04

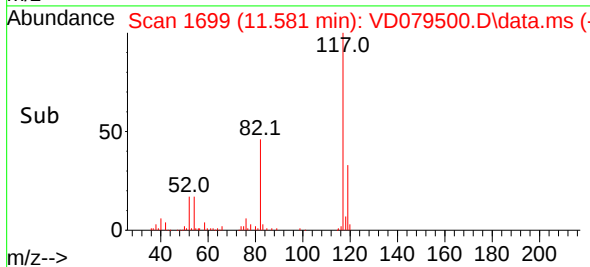
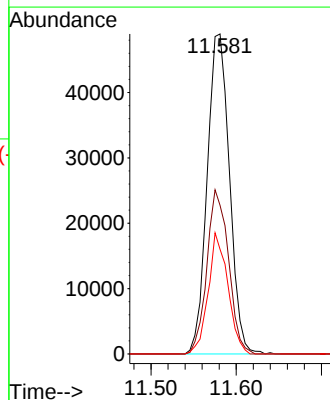
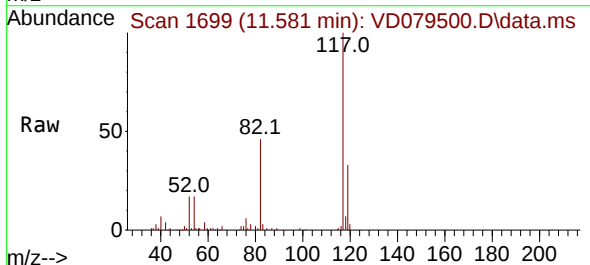
Instrument :
MSVOA_D
ClientSampleId :
OU4-VSL-01-072324RE

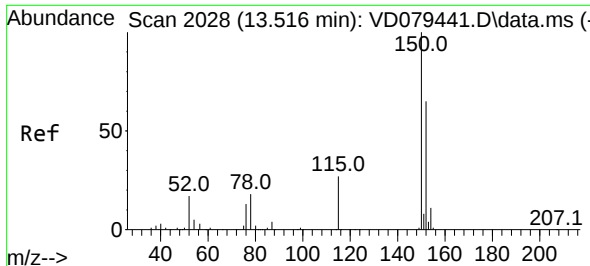
Tgt Ion:	95	Resp:	35522
Ion	Ratio	Lower	Upper
95	100		
174	101.1	0.0	195.4
176	96.1	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079500.D
Acq: 31 Jul 2024 17:04

Tgt Ion:	117	Resp:	88981
Ion	Ratio	Lower	Upper
117	100		
82	46.5	39.8	59.6
119	32.7	25.7	38.5

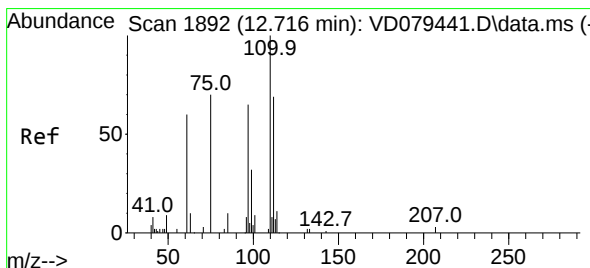
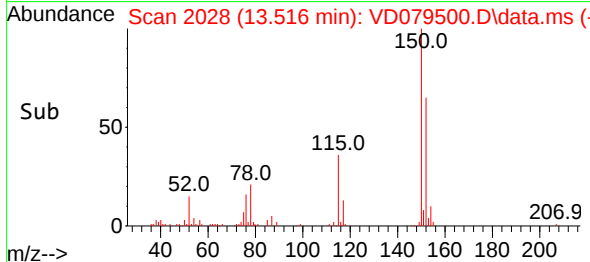
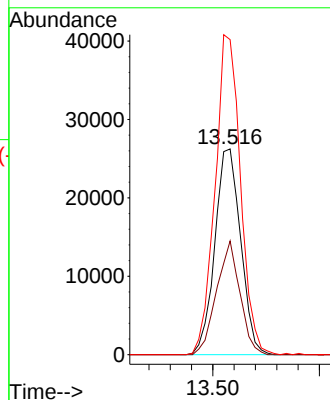
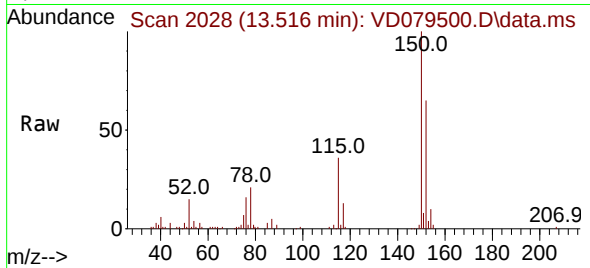




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.006 min
 Lab File: VD079500.D
 Acq: 31 Jul 2024 17:04

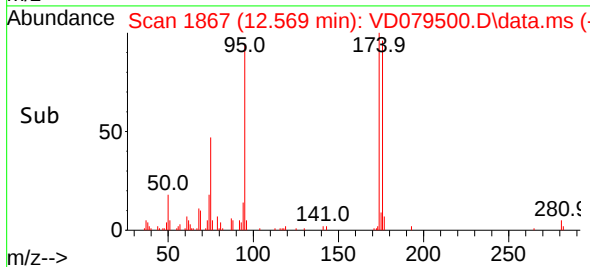
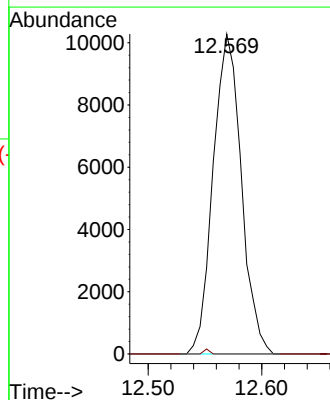
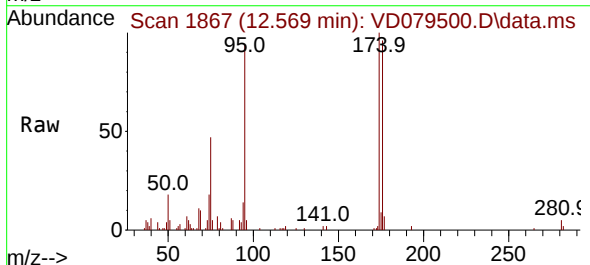
Instrument :
 MSVOA_D
 ClientSampleId :
 OU4-VSL-01-072324RE

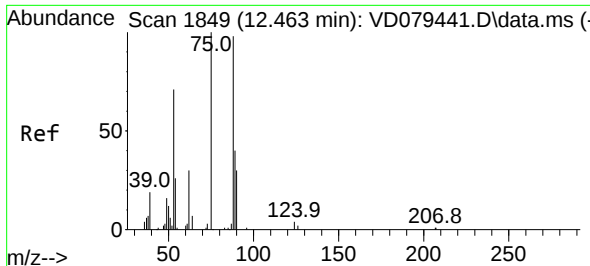
Tgt Ion:152 Resp: 44146
 Ion Ratio Lower Upper
 152 100
 115 50.1 26.5 79.5
 150 152.9 0.0 341.6



#76
 1,2,3-Trichloropropane
 Concen: 45.880 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD079500.D
 Acq: 31 Jul 2024 17:04

Tgt Ion: 75 Resp: 17704
 Ion Ratio Lower Upper
 75 100
 77 0.3 0.0 0.0#

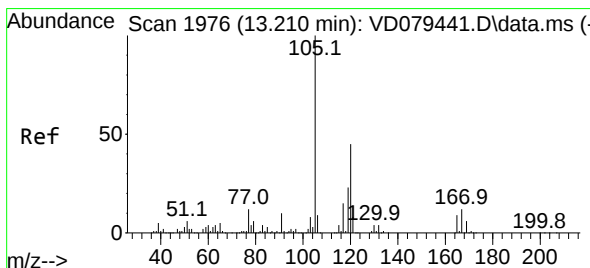
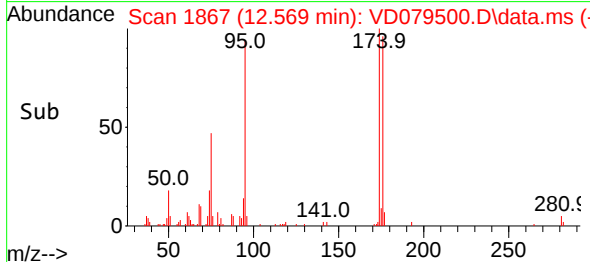
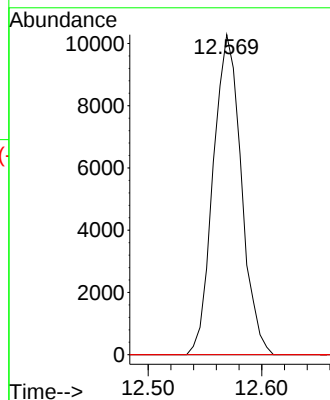
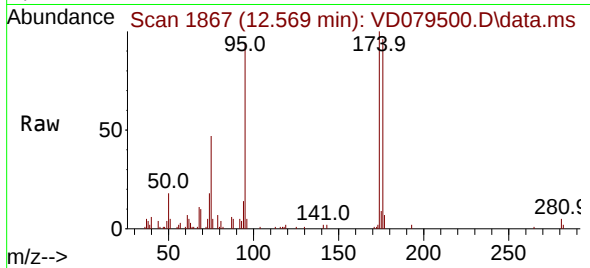




#81
trans-1,4-Dichloro-2-butene
Concen: 87.505 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079500.D
Acq: 31 Jul 2024 17:04

Instrument :
MSVOA_D
ClientSampleId :
OU4-VSL-01-072324RE

Tgt Ion: 75 Resp: 17704
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: 3.474 ug/l
RT: 13.222 min Scan# 1978
Delta R.T. 0.018 min
Lab File: VD079500.D
Acq: 31 Jul 2024 17:04

Tgt Ion: 105 Resp: 135
Ion Ratio Lower Upper
105 100
120 0.0 23.6 71.0#

