

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
 Data File : VD078112.D
 Acq On : 29 Dec 2023 17:00
 Operator : RP/MD
 Sample : 06039-02
 Misc : 6.99G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EC48-SOUTH

Quant Time: Dec 29 22:37:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

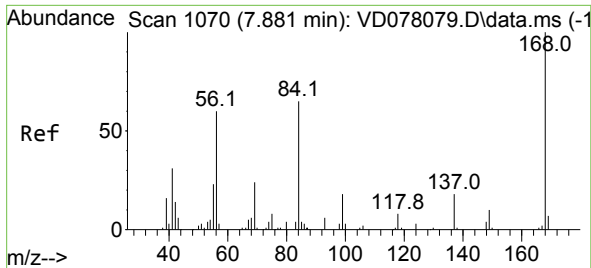
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	219863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	369445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	358374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	171868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	85785	43.851	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.700%
35) Dibromofluoromethane	7.804	113	113519	47.755	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.500%
50) Toluene-d8	10.269	98	453156	54.177	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.360%
62) 4-Bromofluorobenzene	12.575	95	142209	52.840	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.680%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.016	59	74	Below Cal	#	1
16) Acetone	4.022	43	1114	Below Cal	#	32
20) Methylene Chloride	4.805	84	19498	5.287	ug/l #	88
25) 2-Butanone	7.075	43	38687	65.436	ug/l	90
31) Cyclohexane	7.869	56	4443	1.424	ug/l #	27
36) 1,1-Dichloropropene	7.875	75	15233	4.554	ug/l #	48
37) Ethyl Acetate	7.169	43	1826	1.641	ug/l #	67
38) Carbon Tetrachloride	7.875	117	20924	5.773	ug/l #	19
70) Styrene	12.134	104	300906	42.331	ug/l	93
76) 1,2,3-Trichloropropane	12.575	75	72554	50.038	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	72554	107.820	ug/l #	17

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

Quant Time: Dec 29 22:37:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 27 03:40:16 2023
Response via : Initial Calibration

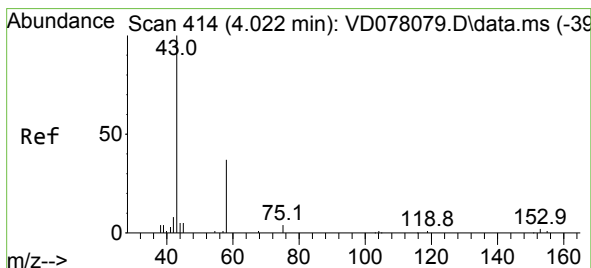
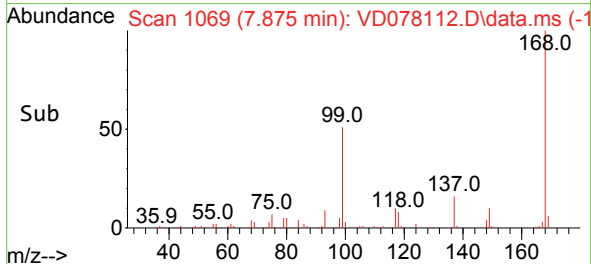
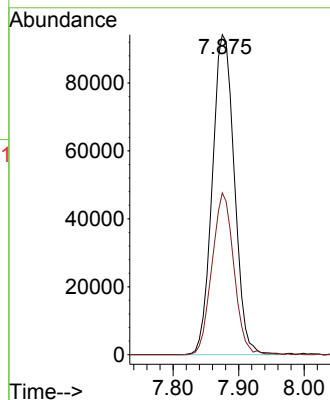
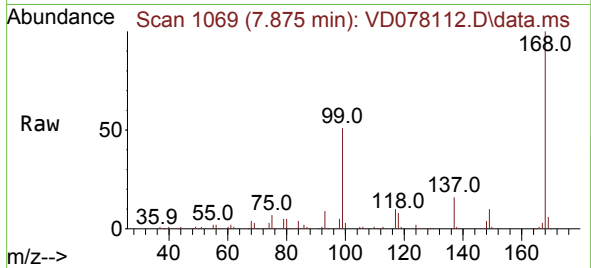




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD078112.D
Acq: 29 Dec 2023 17:00

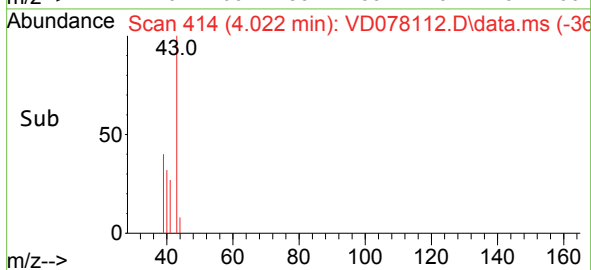
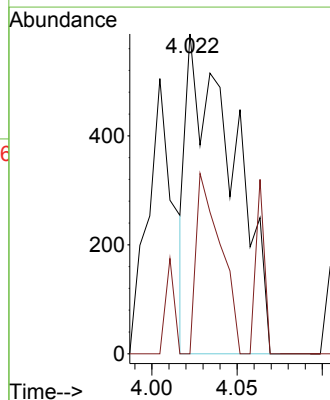
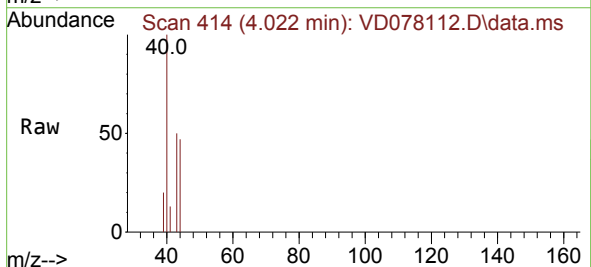
Instrument :
MSVOA_D
ClientSampleId :
EC48-SOUTH

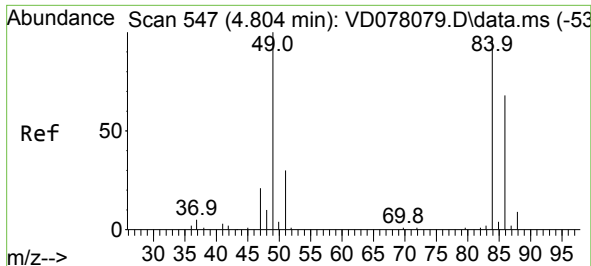
Tgt Ion:168 Resp: 219863
Ion Ratio Lower Upper
168 100
99 50.6 36.7 55.1



#16
Acetone
Concen: Below Cal
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078112.D
Acq: 29 Dec 2023 17:00

Tgt Ion: 43 Resp: 1114
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#

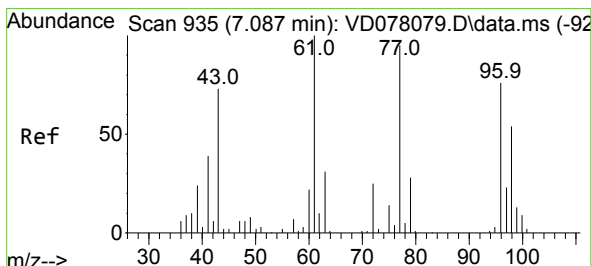
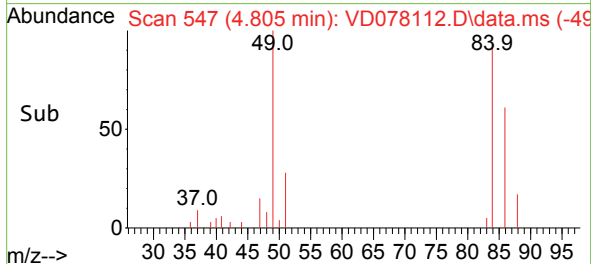
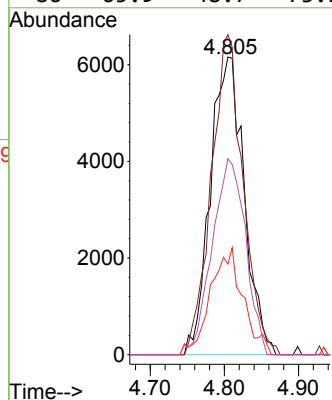
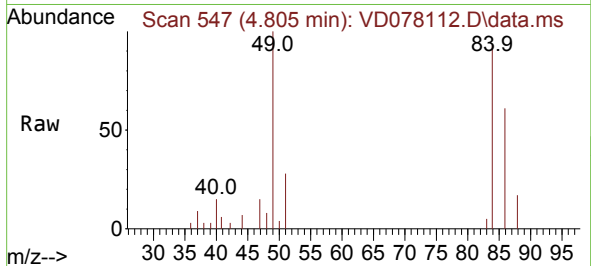




#20
Methylene Chloride
Concen: 5.287 ug/l
RT: 4.805 min Scan# 54
Delta R.T. 0.001 min
Lab File: VD078112.D
Acq: 29 Dec 2023 17:00

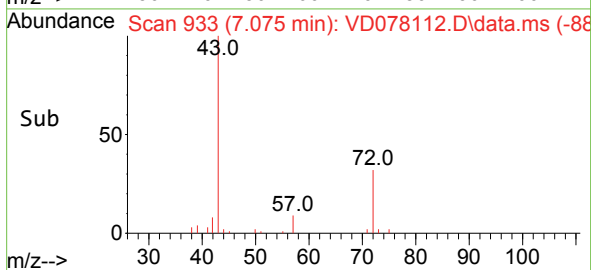
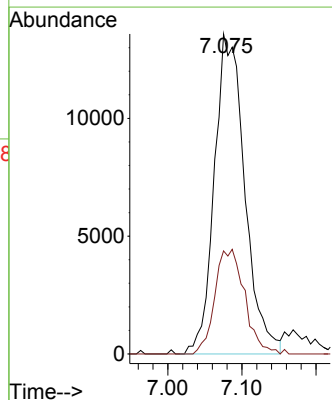
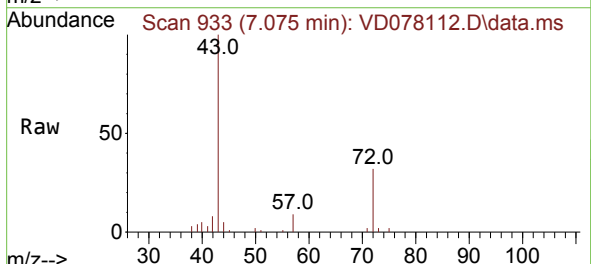
Instrument :
MSVOA_D
ClientSampleId :
EC48-SOUTH

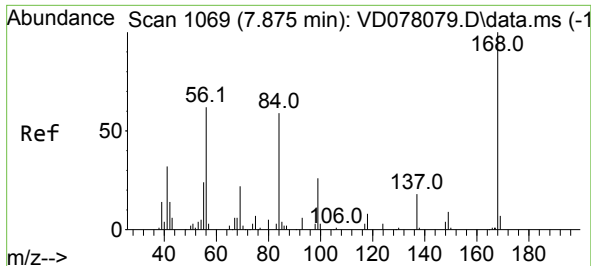
Tgt Ion:	84	Resp:	19498
Ion	Ratio	Lower	Upper
84	100		
49	107.5	71.4	107.2#
51	30.4	24.5	36.7
86	65.9	48.7	73.1



#25
2-Butanone
Concen: 65.436 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.012 min
Lab File: VD078112.D
Acq: 29 Dec 2023 17:00

Tgt Ion:	43	Resp:	38687
Ion	Ratio	Lower	Upper
43	100		
72	32.2	30.7	46.1

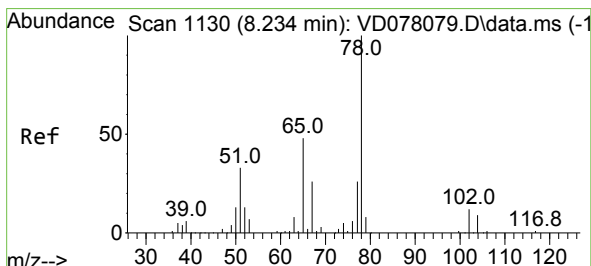
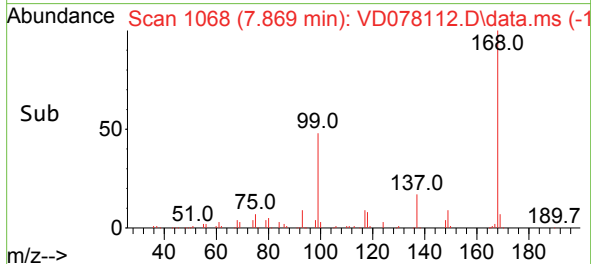
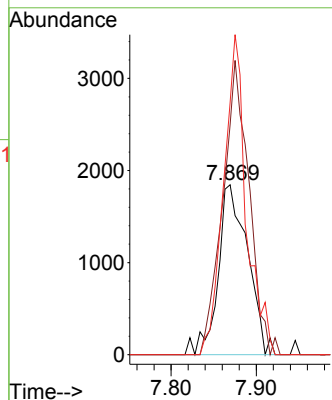
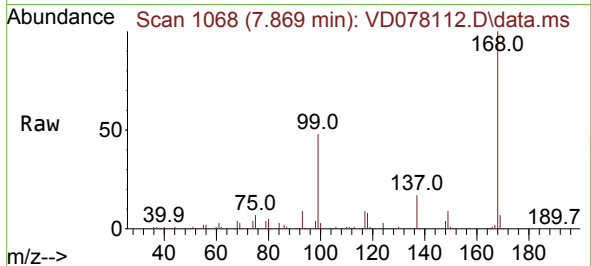




#31
Cyclohexane
Concen: 1.424 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD078112.D
Acq: 29 Dec 2023 17:00

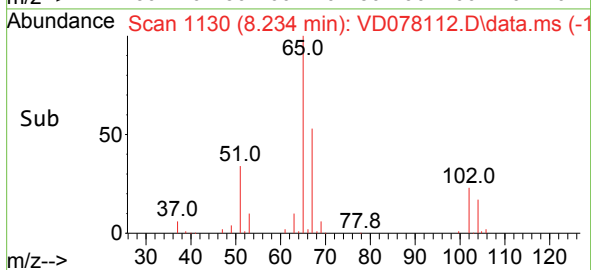
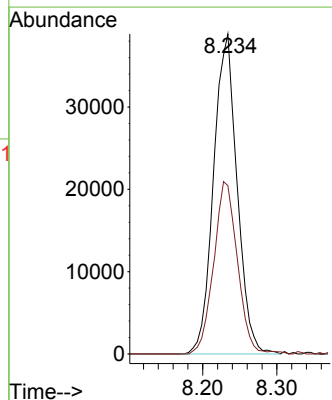
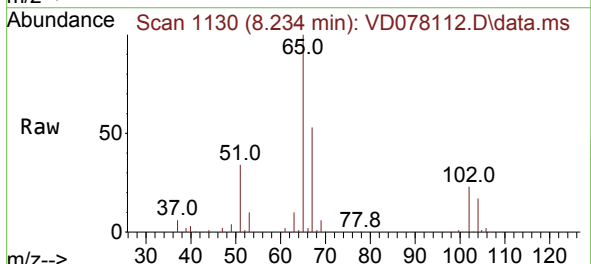
Instrument :
MSVOA_D
ClientSampleId :
EC48-SOUTH

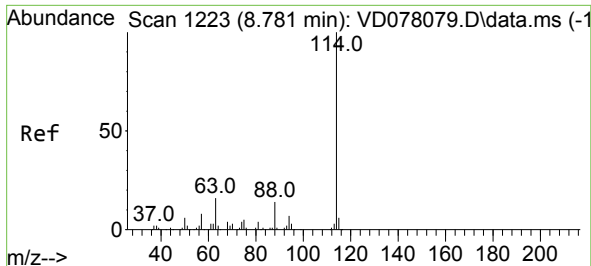
Tgt Ion: 56 Resp: 4443
Ion Ratio Lower Upper
56 100
69 135.4 28.6 43.0#
84 148.3 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 43.851 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078112.D
Acq: 29 Dec 2023 17:00

Tgt Ion: 65 Resp: 85785
Ion Ratio Lower Upper
65 100
67 54.5 0.0 115.0

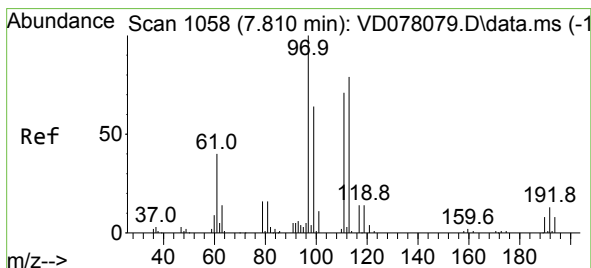
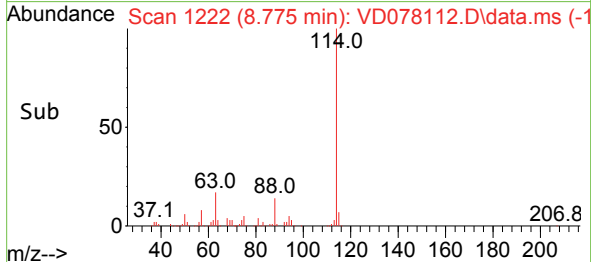
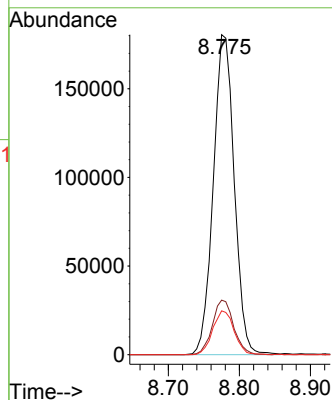
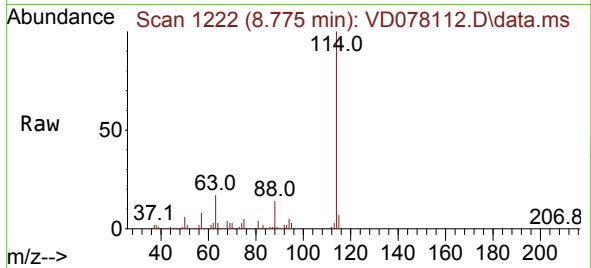




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078112.D
Acq: 29 Dec 2023 17:00

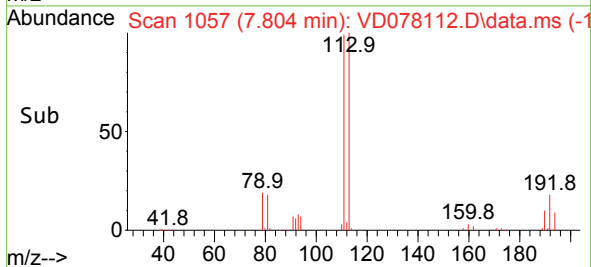
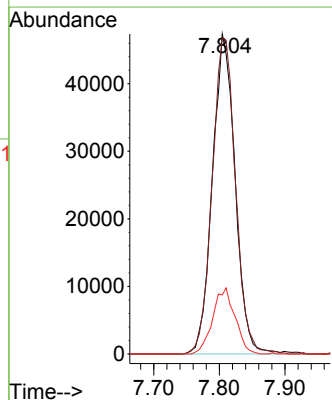
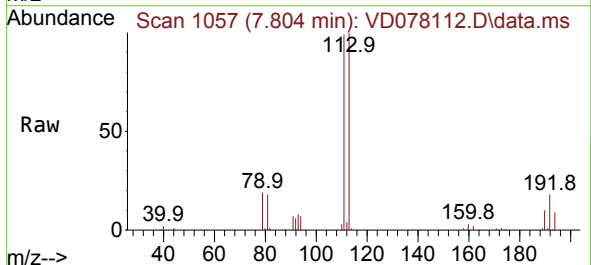
Instrument :
MSVOA_D
ClientSampleId :
EC48-SOUTH

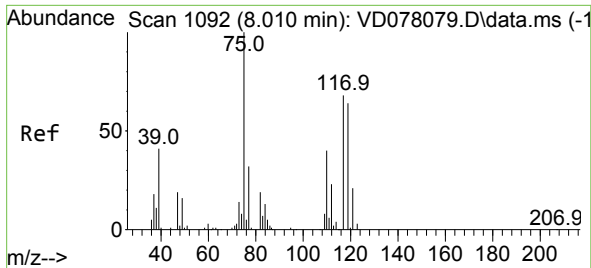
Tgt Ion:114 Resp: 369445
Ion Ratio Lower Upper
114 100
63 17.1 0.0 33.4
88 13.7 0.0 26.2



#35
Dibromofluoromethane
Concen: 47.755 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078112.D
Acq: 29 Dec 2023 17:00

Tgt Ion:113 Resp: 113519
Ion Ratio Lower Upper
113 100
111 101.7 84.7 127.1
192 20.4 16.8 25.2

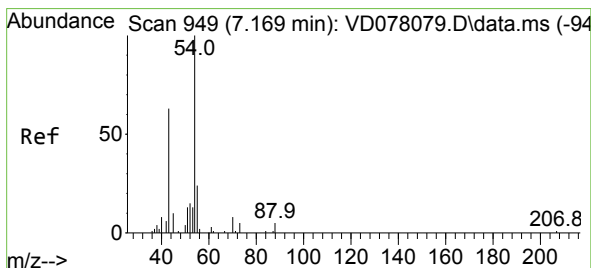
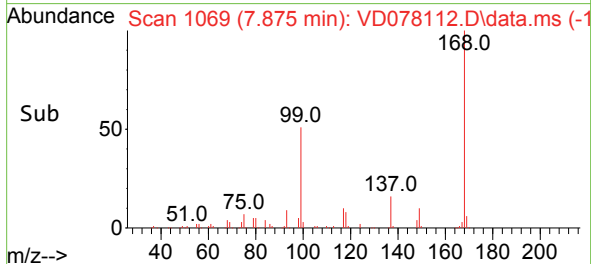
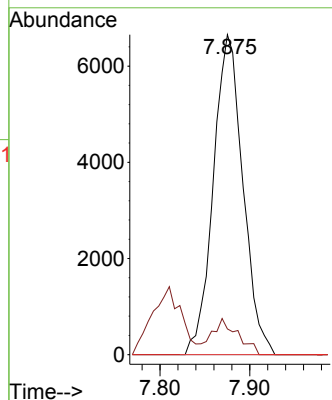
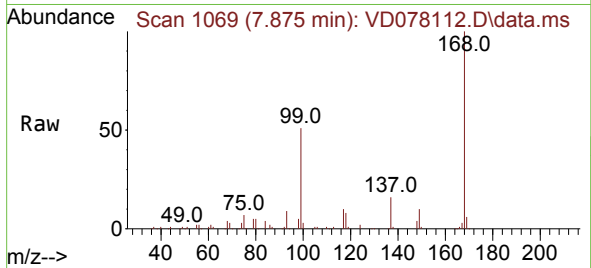




#36
1,1-Dichloropropene
Concen: 4.554 ug/l
RT: 7.875 min Scan# 1092
Delta R.T. -0.135 min
Lab File: VD078112.D
Acq: 29 Dec 2023 17:00

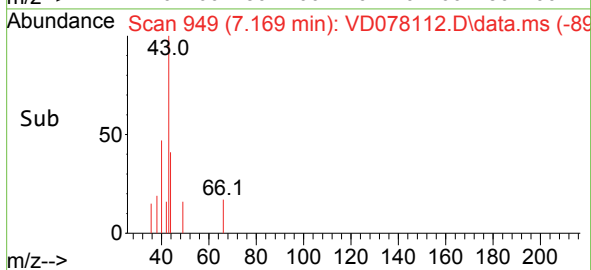
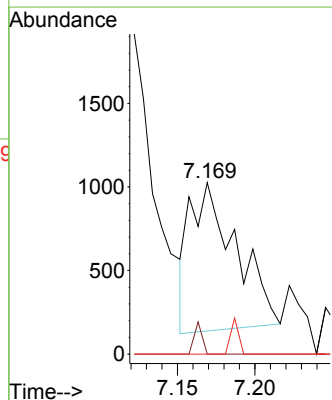
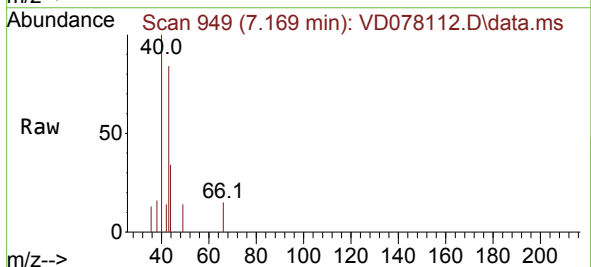
Instrument :
MSVOA_D
ClientSampleId :
EC48-SOUTH

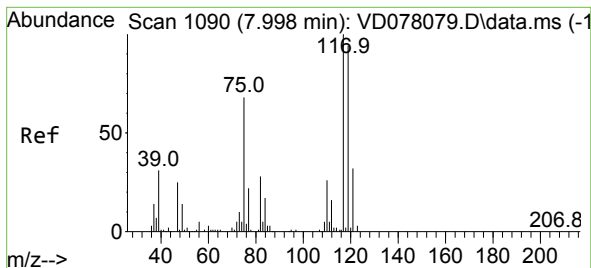
Tgt Ion: 75 Resp: 15233
Ion Ratio Lower Upper
75 100
110 10.2 19.9 59.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.641 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078112.D
Acq: 29 Dec 2023 17:00

Tgt Ion: 43 Resp: 1826
Ion Ratio Lower Upper
43 100
61 3.7 14.9 22.3#
70 0.0 10.0 15.0#





#38

Carbon Tetrachloride

Concen: 5.773 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.123 min

Lab File: VD078112.D

Acq: 29 Dec 2023 17:00

Instrument :

MSVOA_D

ClientSampleId :

EC48-SOUTH

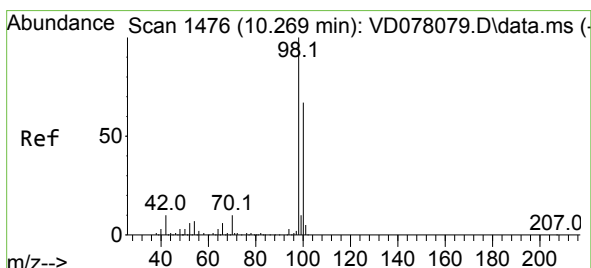
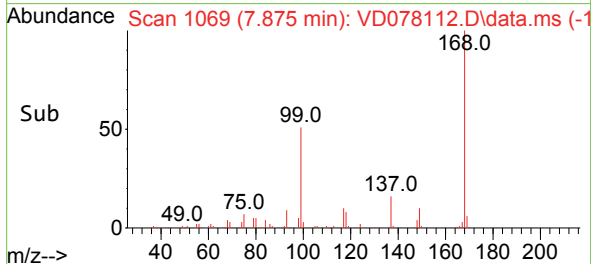
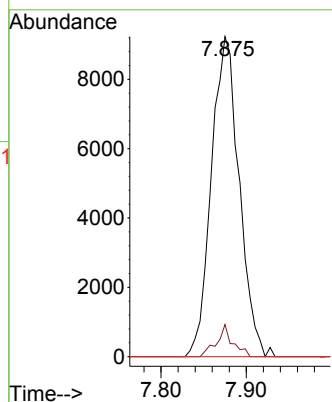
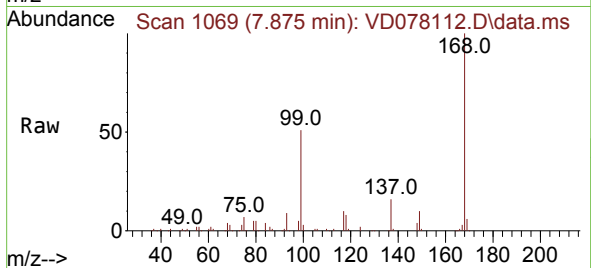
Tgt Ion:117 Resp: 20924

Ion Ratio Lower Upper

117 100

119 10.1 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 54.177 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078112.D

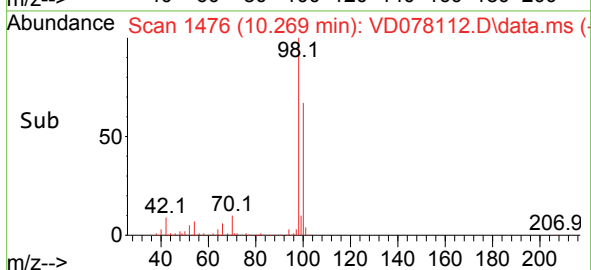
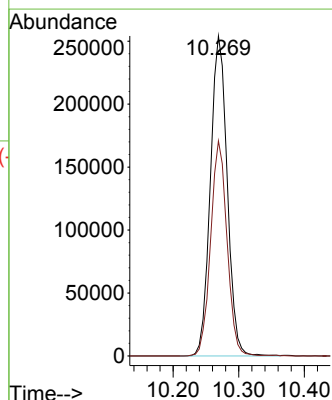
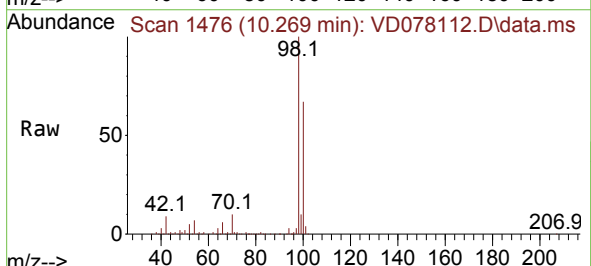
Acq: 29 Dec 2023 17:00

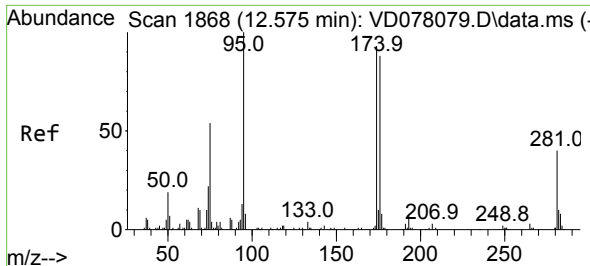
Tgt Ion: 98 Resp: 453156

Ion Ratio Lower Upper

98 100

100 65.3 50.3 75.5

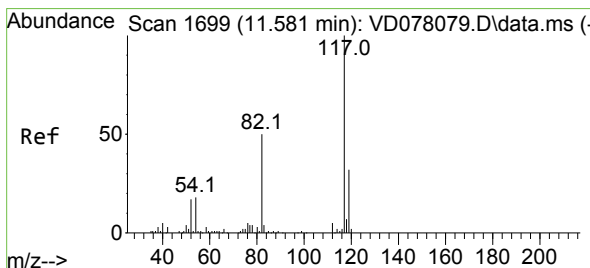
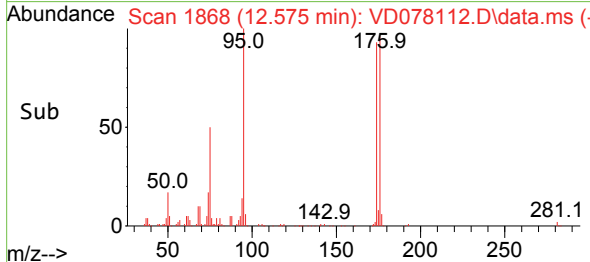
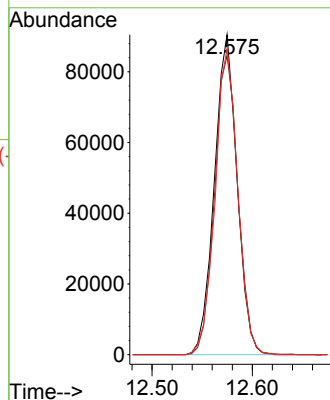
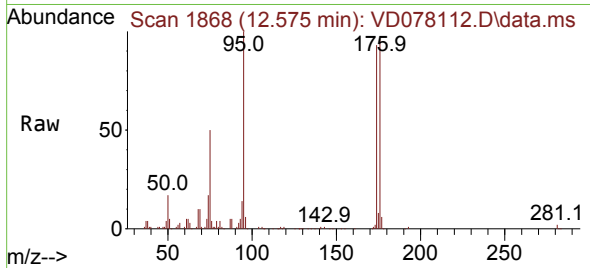




#62
4-Bromofluorobenzene
Concen: 52.840 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078112.D
Acq: 29 Dec 2023 17:00

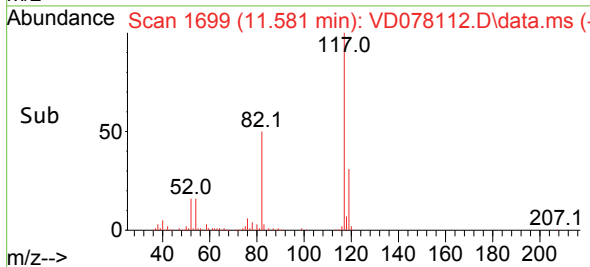
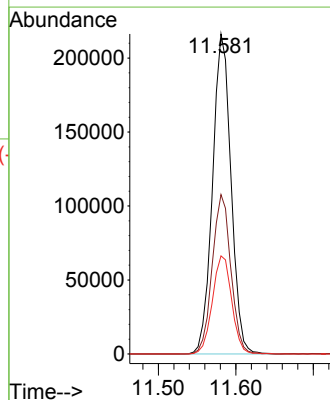
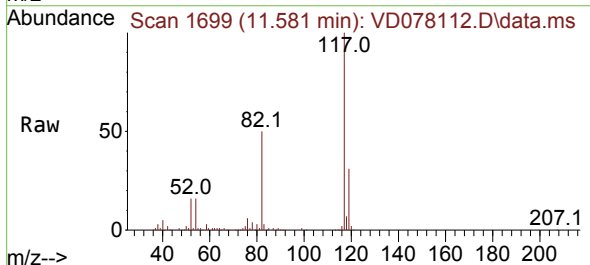
Instrument :
MSVOA_D
ClientSampleId :
EC48-SOUTH

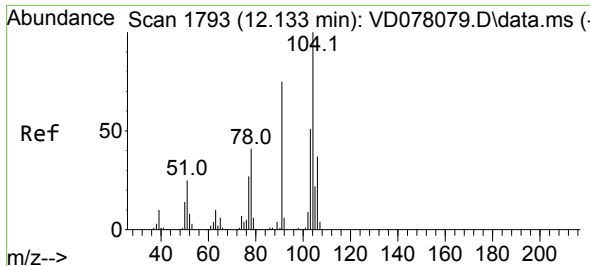
Tgt Ion: 95 Resp: 142209
Ion Ratio Lower Upper
95 100
174 96.0 0.0 201.8
176 95.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078112.D
Acq: 29 Dec 2023 17:00

Tgt Ion: 117 Resp: 358374
Ion Ratio Lower Upper
117 100
82 49.8 38.3 57.5
119 30.6 25.0 37.4

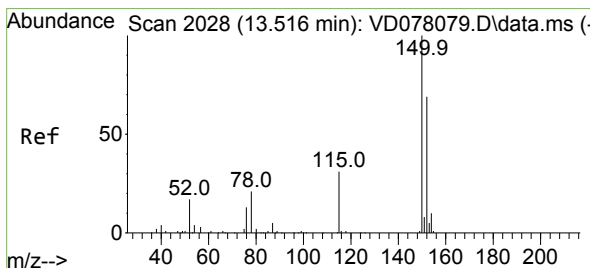
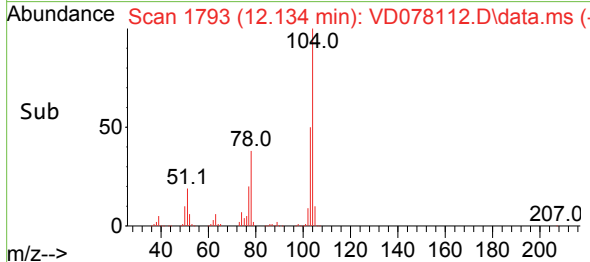
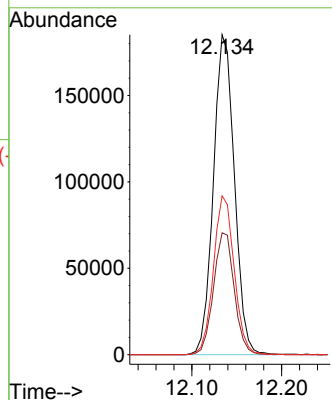
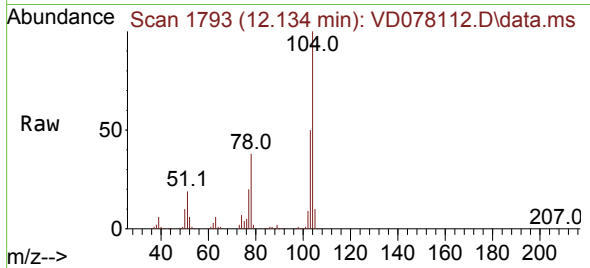




#70
Styrene
Concen: 42.331 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078112.D
Acq: 29 Dec 2023 17:00

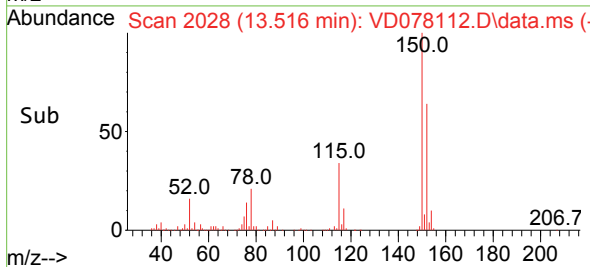
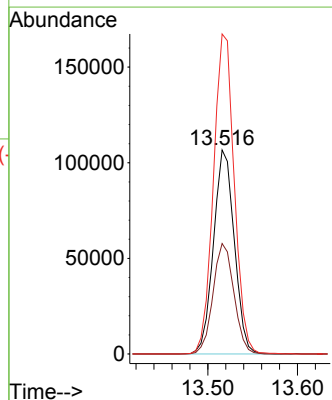
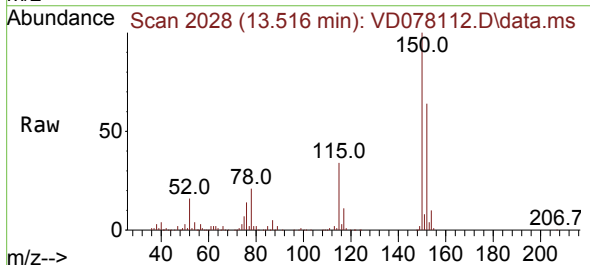
Instrument :
MSVOA_D
ClientSampleId :
EC48-SOUTH

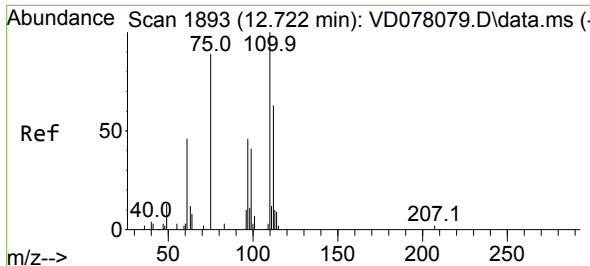
Tgt Ion:104 Resp: 300906
Ion Ratio Lower Upper
104 100
78 37.6 33.2 49.8
103 49.0 43.6 65.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078112.D
Acq: 29 Dec 2023 17:00

Tgt Ion:152 Resp: 171868
Ion Ratio Lower Upper
152 100
115 54.4 27.1 81.3
150 156.8 0.0 353.6

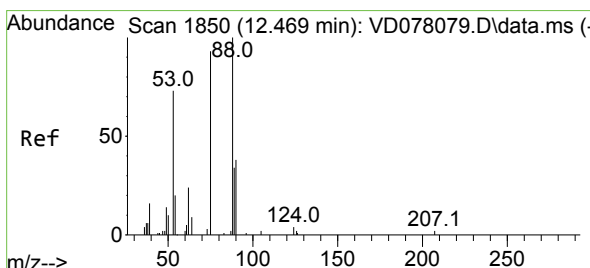
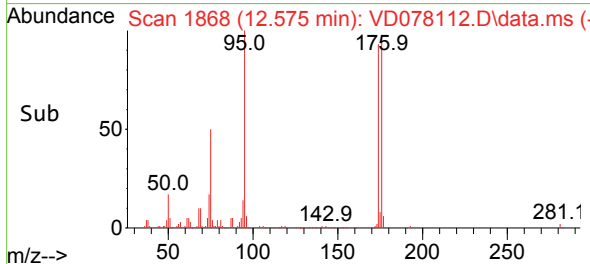
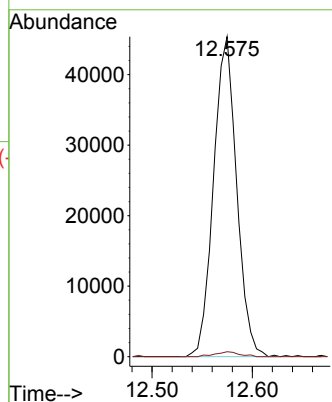
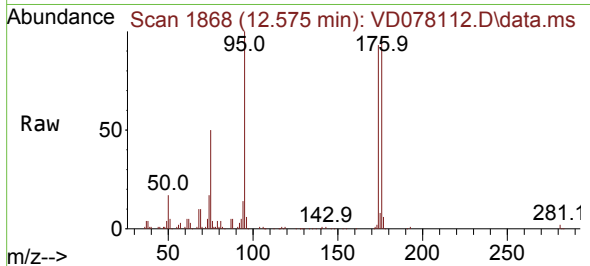




#76
1,2,3-Trichloropropane
Concen: 50.038 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078112.D
Acq: 29 Dec 2023 17:00

Instrument :
MSVOA_D
ClientSampleId :
EC48-SOUTH

Tgt Ion: 75 Resp: 72554
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.820 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078112.D
Acq: 29 Dec 2023 17:00

Tgt Ion: 75 Resp: 72554
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

