

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078446.D
 Acq On : 15 Feb 2024 20:01
 Operator : RP/MD
 Sample : P1505-03
 Misc : 4.74G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1S-VOC

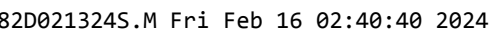
Quant Time: Feb 16 02:40:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

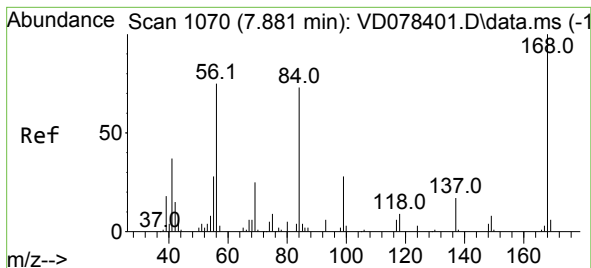
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	149805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	289622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	325108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	155171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64894	40.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.120%
35) Dibromofluoromethane	7.805	113	84514	45.938	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.880%
50) Toluene-d8	10.269	98	364770	49.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.575	95	128598	60.047	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	120.100%
Target Compounds						
					Qvalue	
16) Acetone	4.040	43	505	Below Cal	#	32
18) Methyl Acetate	4.740	43	56	3.984	ug/l #	42
20) Methylene Chloride	4.799	84	7779	1.226	ug/l #	94
25) 2-Butanone	7.093	43	65	Below Cal	#	37
31) Cyclohexane	7.875	56	3410	1.245	ug/l #	11
36) 1,1-Dichloropropene	7.875	75	12429	4.349	ug/l #	47
38) Carbon Tetrachloride	7.875	117	15524	5.485	ug/l #	14
51) 4-Methyl-2-Pentanone	10.275	43	1496	1.519	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	68283	51.833	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	68283	107.607	ug/l #	17

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

Quant Time: Feb 16 02:40:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078446.D

Acq: 15 Feb 2024 20:01

Instrument :

MSVOA_D

ClientSampleId :

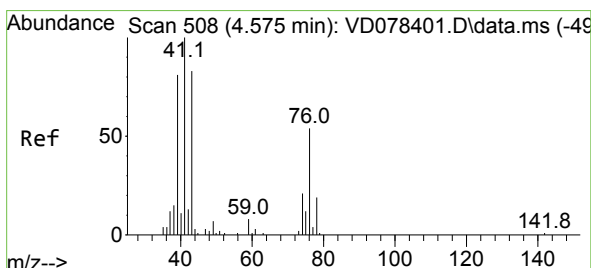
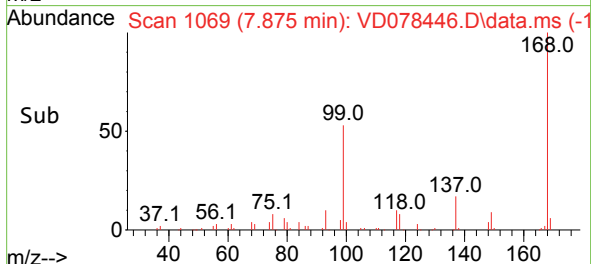
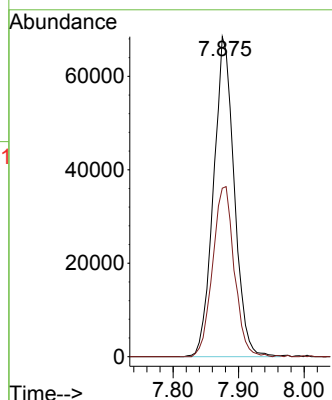
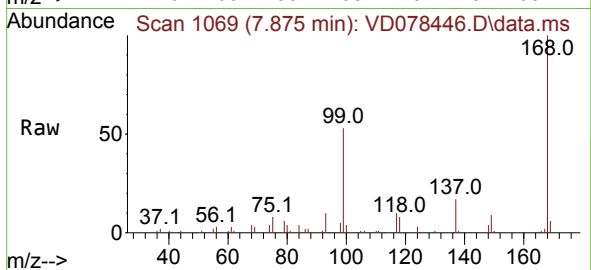
WC-1S-VOC

Tgt Ion:168 Resp: 149805

Ion Ratio Lower Upper

168 100

99 52.6 36.7 55.1



#18

Methyl Acetate

Concen: 3.984 ug/l

RT: 4.740 min Scan# 536

Delta R.T. 0.165 min

Lab File: VD078446.D

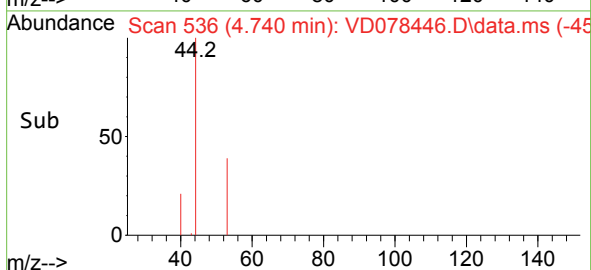
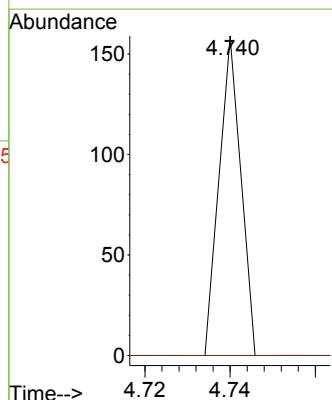
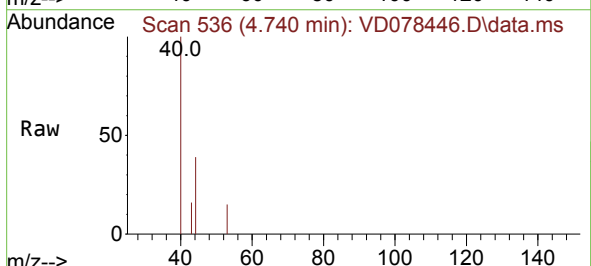
Acq: 15 Feb 2024 20:01

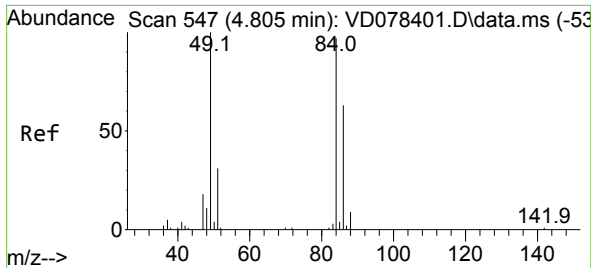
Tgt Ion: 43 Resp: 56

Ion Ratio Lower Upper

43 100

74 0.0 26.4 39.6#

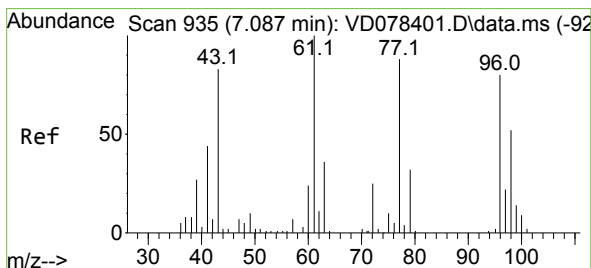
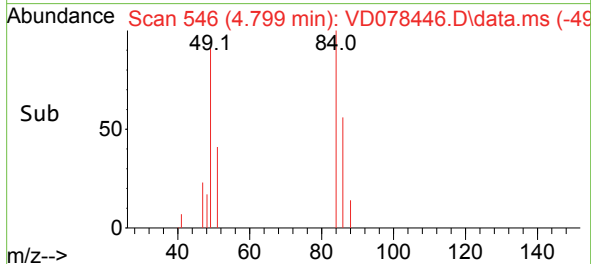
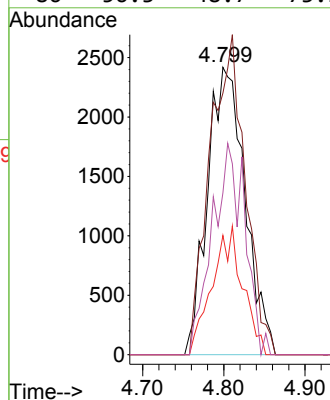
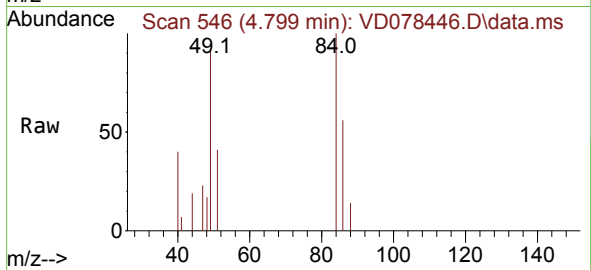




#20
Methylene Chloride
Concen: 1.226 ug/l
RT: 4.799 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078446.D
Acq: 15 Feb 2024 20:01

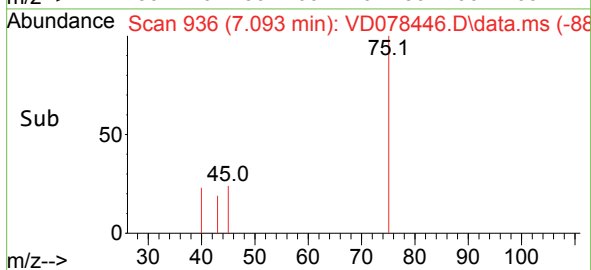
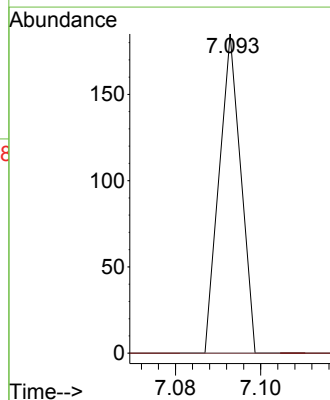
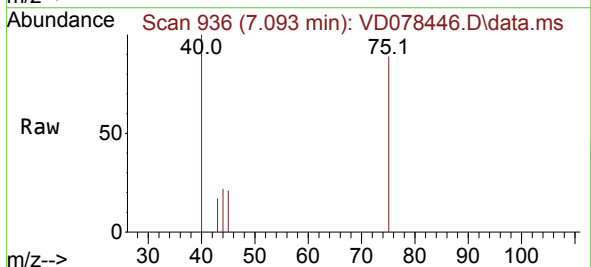
Instrument :
MSVOA_D
ClientSampleId :
WC-1S-VOC

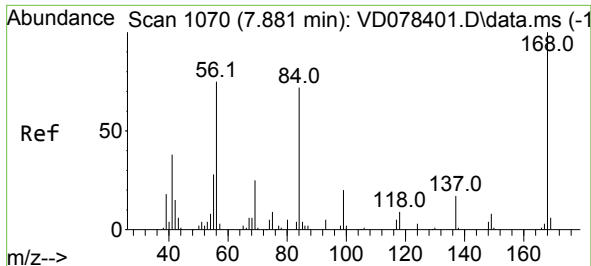
Tgt Ion: 84	Resp: 7779
Ion Ratio	Lower Upper
84 100	
49 91.0	71.4 107.2
51 41.5	24.5 36.7#
86 56.3	48.7 73.1



#25
2-Butanone
Concen: Below Cal
RT: 7.093 min Scan# 936
Delta R.T. 0.006 min
Lab File: VD078446.D
Acq: 15 Feb 2024 20:01

Tgt Ion: 43	Resp: 65
Ion Ratio	Lower Upper
43 100	
72 0.0	30.7 46.1#

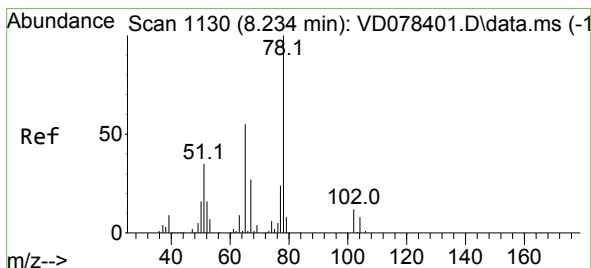
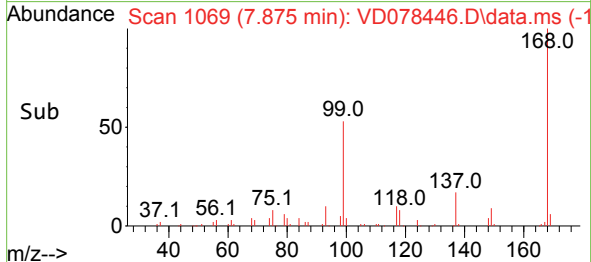
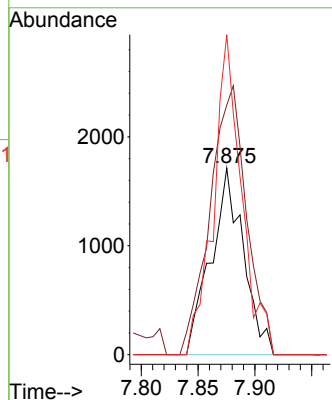
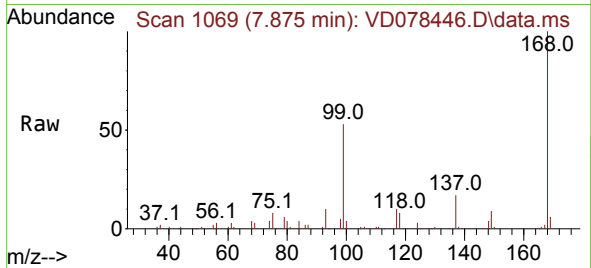




#31
Cyclohexane
Concen: 1.245 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078446.D
Acq: 15 Feb 2024 20:01

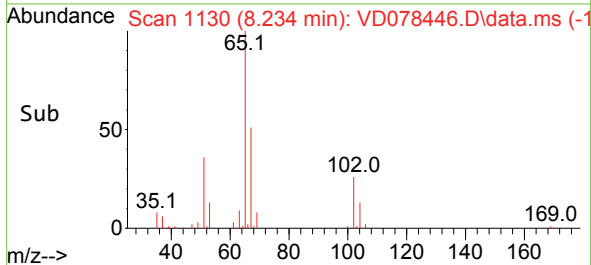
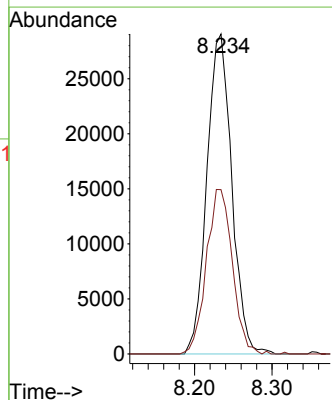
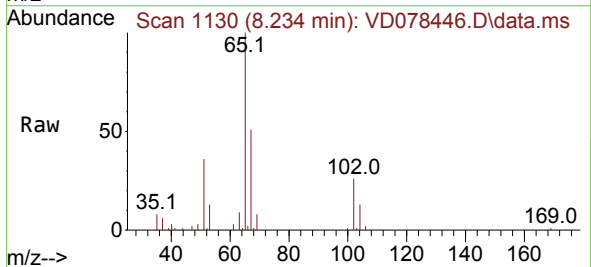
Instrument :
MSVOA_D
ClientSampleId :
WC-1S-VOC

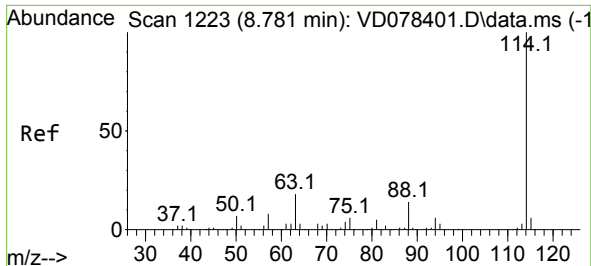
Tgt Ion: 56 Resp: 3410
Ion Ratio Lower Upper
56 100
69 133.6 28.6 43.0#
84 171.3 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 40.064 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078446.D
Acq: 15 Feb 2024 20:01

Tgt Ion: 65 Resp: 64894
Ion Ratio Lower Upper
65 100
67 53.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078446.D

Acq: 15 Feb 2024 20:01

Instrument :

MSVOA_D

ClientSampleId :

WC-1S-VOC

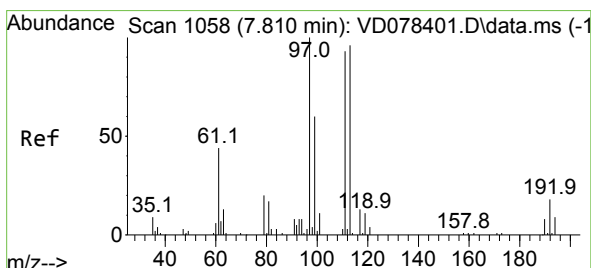
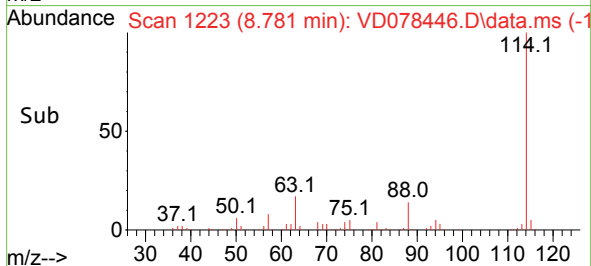
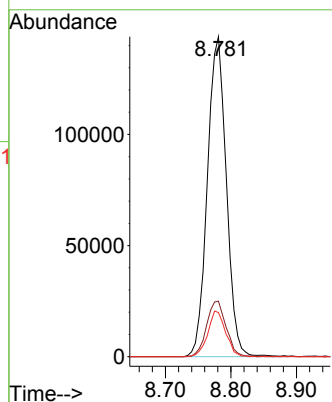
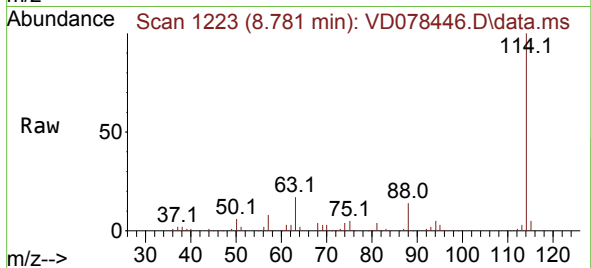
Tgt Ion:114 Resp: 289622

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.4

88 13.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 45.938 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078446.D

Acq: 15 Feb 2024 20:01

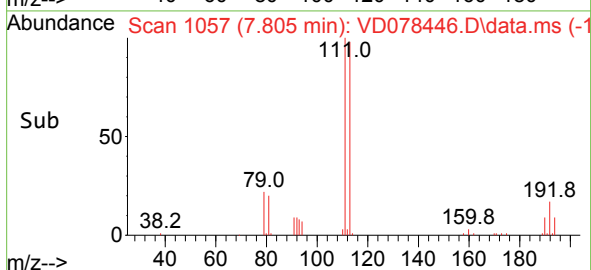
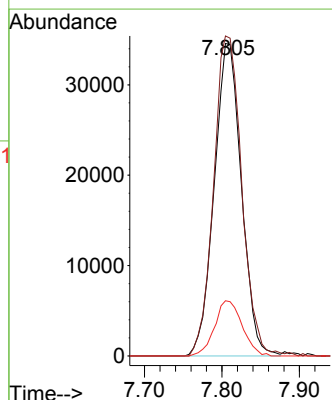
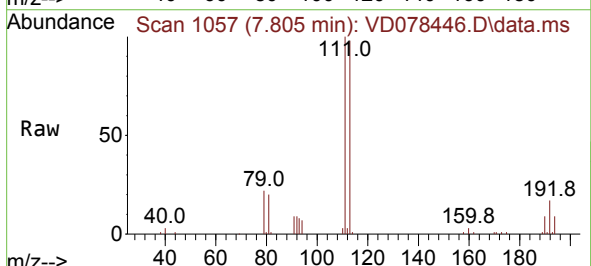
Tgt Ion:113 Resp: 84514

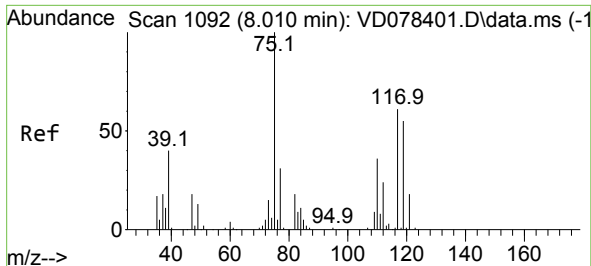
Ion Ratio Lower Upper

113 100

111 105.6 84.7 127.1

192 17.9 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.349 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078446.D

Acq: 15 Feb 2024 20:01

Instrument :

MSVOA_D

ClientSampleId :

WC-1S-VOC

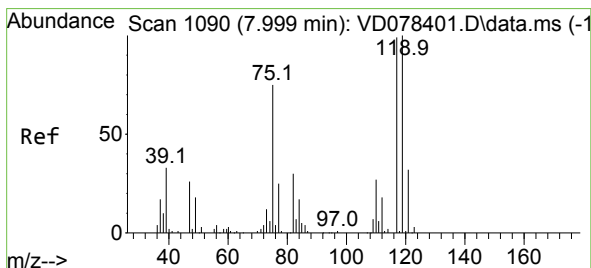
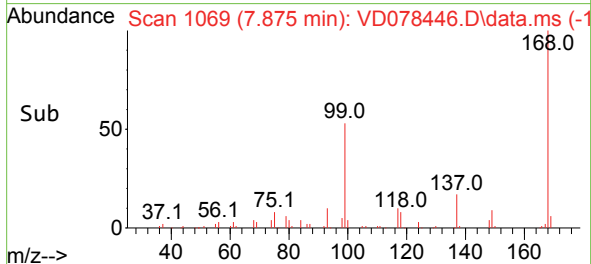
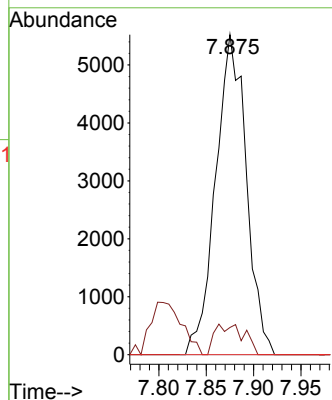
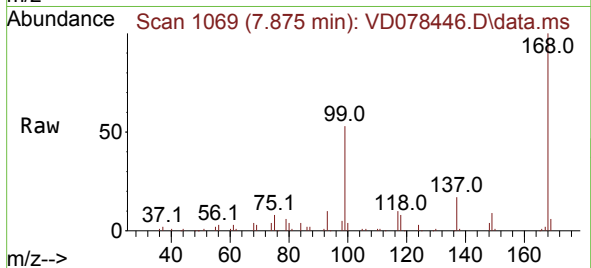
Tgt Ion: 75 Resp: 12429

Ion Ratio Lower Upper

75 100

110 9.0 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.485 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.124 min

Lab File: VD078446.D

Acq: 15 Feb 2024 20:01

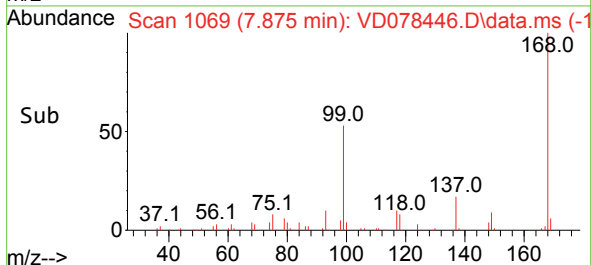
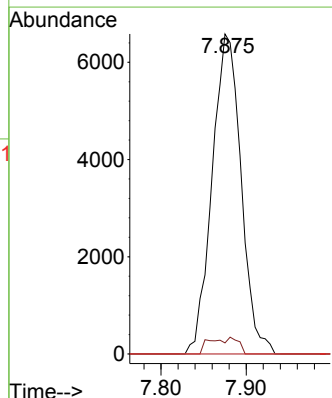
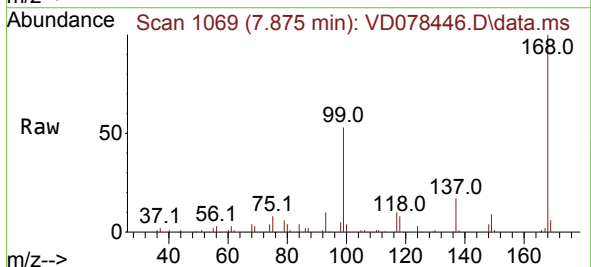
Tgt Ion: 117 Resp: 15524

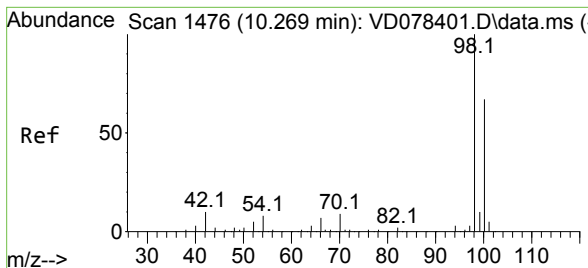
Ion Ratio Lower Upper

117 100

119 3.5 78.0 117.0#

121 0.0 24.2 36.2#

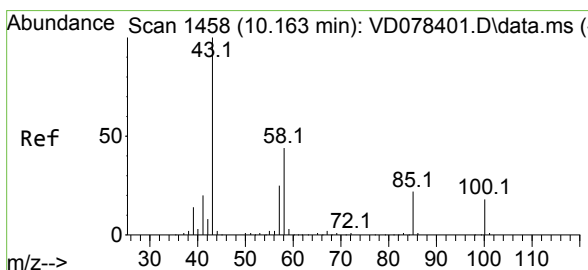
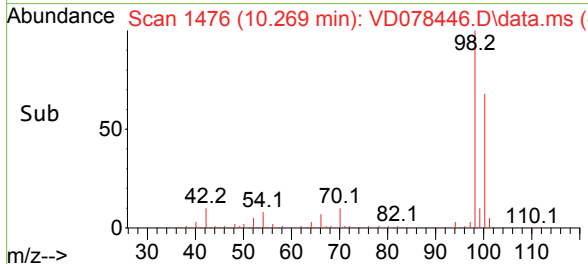
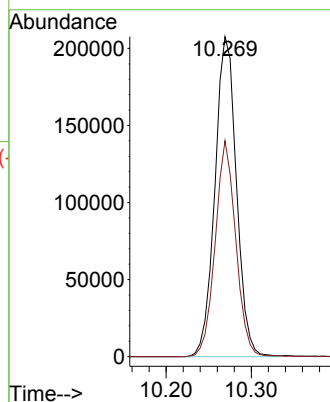
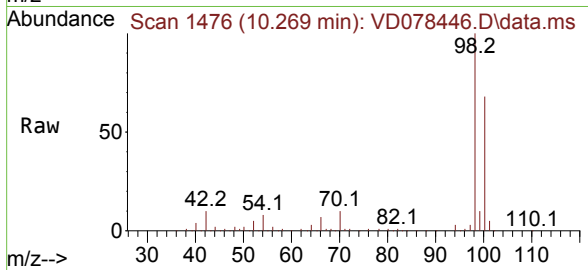




#50
Toluene-d8
Concen: 49.565 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078446.D
Acq: 15 Feb 2024 20:01

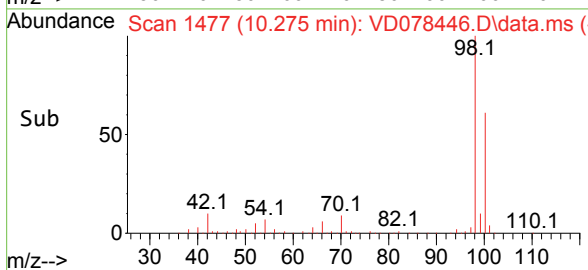
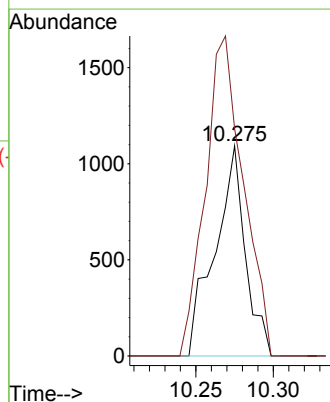
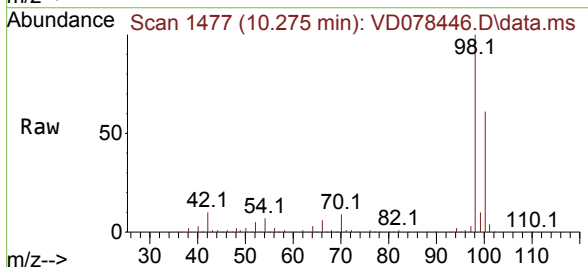
Instrument :
MSVOA_D
ClientSampleId :
WC-1S-VOC

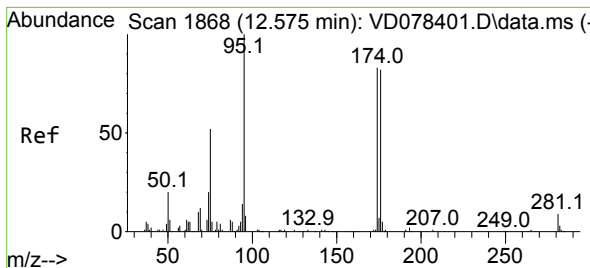
Tgt Ion: 98 Resp: 364770
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.519 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.112 min
Lab File: VD078446.D
Acq: 15 Feb 2024 20:01

Tgt Ion: 43 Resp: 1496
Ion Ratio Lower Upper
43 100
58 189.2 38.9 58.3#

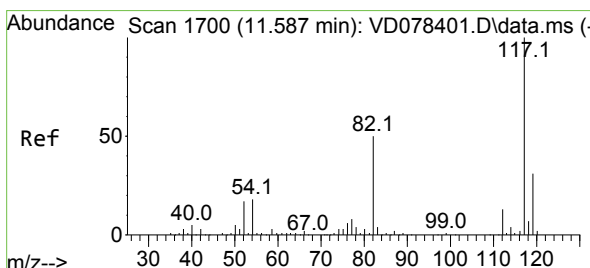
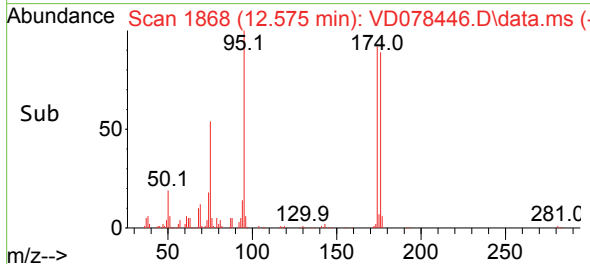
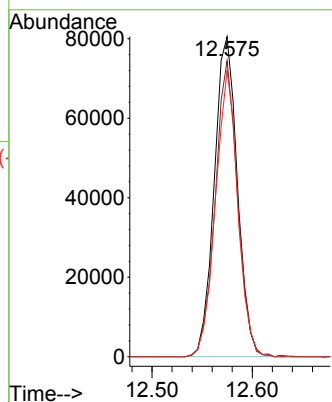
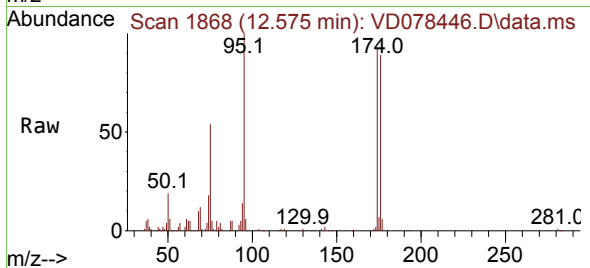




#62
4-Bromofluorobenzene
Concen: 60.047 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078446.D
Acq: 15 Feb 2024 20:01

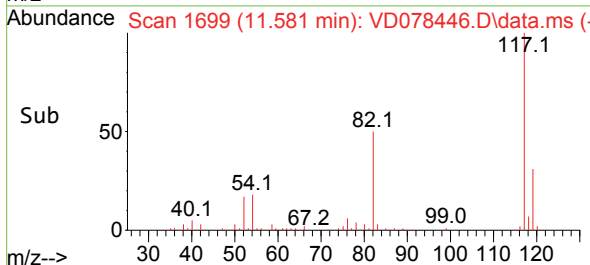
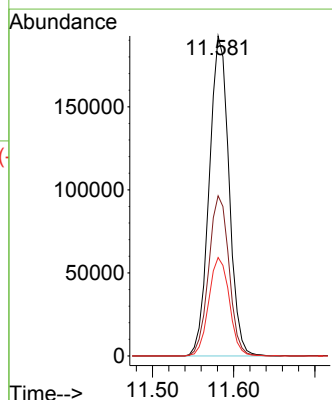
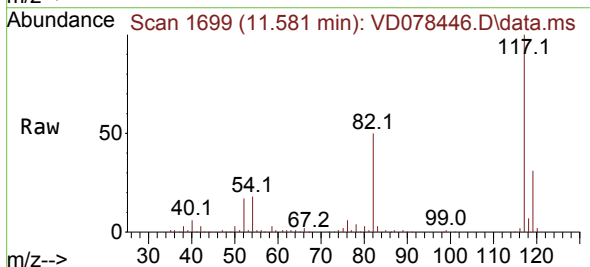
Instrument :
MSVOA_D
ClientSampleId :
WC-1S-VOC

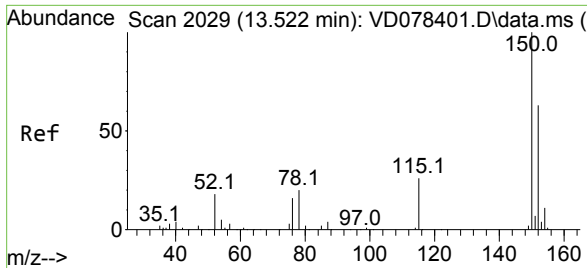
Tgt Ion: 95 Resp: 128598
Ion Ratio Lower Upper
95 100
174 89.9 0.0 201.8
176 86.1 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078446.D
Acq: 15 Feb 2024 20:01

Tgt Ion: 117 Resp: 325108
Ion Ratio Lower Upper
117 100
82 50.0 38.3 57.5
119 30.7 25.0 37.4

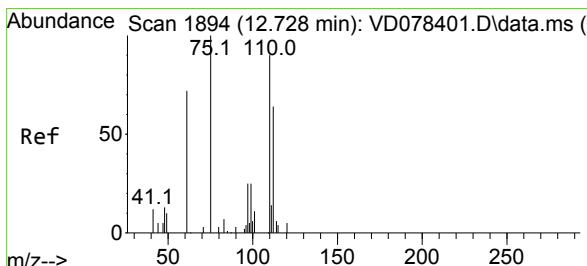
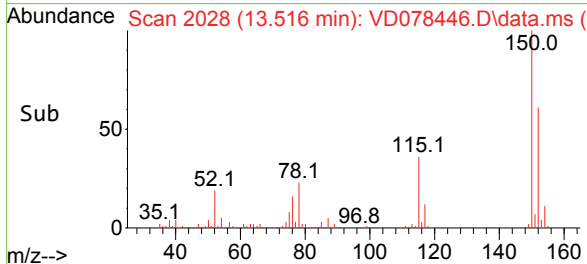
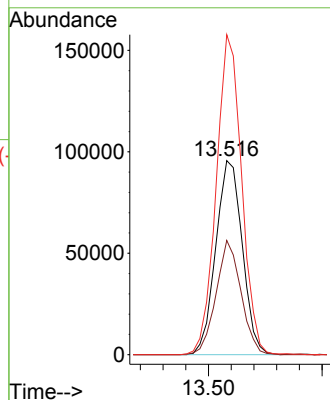
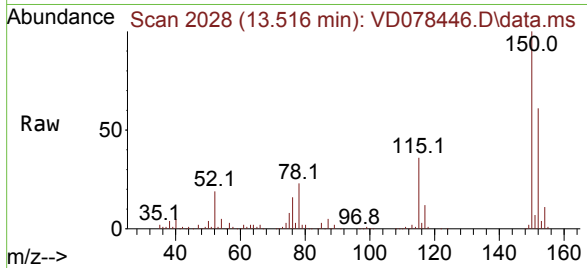




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD078446.D
 Acq: 15 Feb 2024 20:01

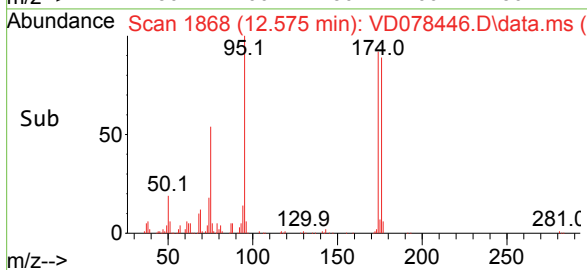
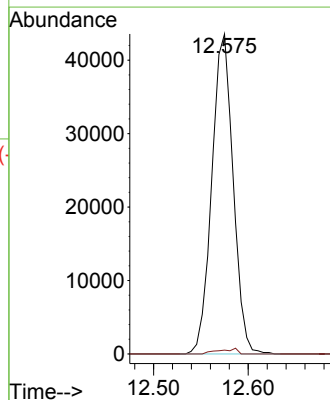
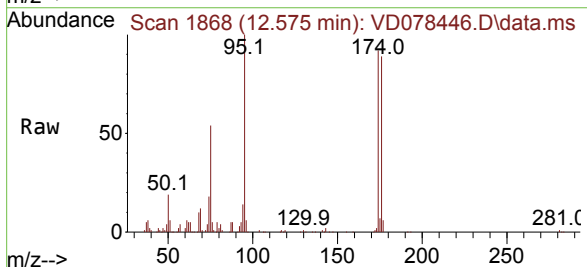
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1S-VOC

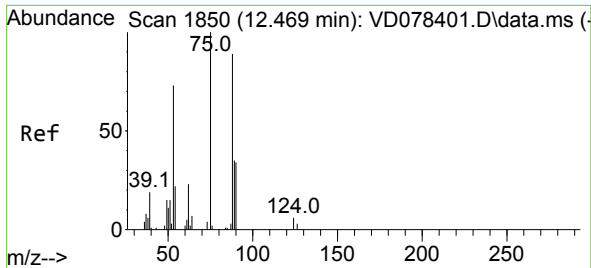
Tgt Ion:152 Resp: 155171
 Ion Ratio Lower Upper
 152 100
 115 55.4 27.1 81.3
 150 158.2 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 51.833 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD078446.D
 Acq: 15 Feb 2024 20:01

Tgt Ion: 75 Resp: 68283
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.607 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078446.D
 Acq: 15 Feb 2024 20:01

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1S-VOC

Tgt Ion: 75 Resp: 68283
 Ion Ratio Lower Upper
 75 100
 53 0.1 63.0 94.4#
 89 0.0 37.9 56.9#

