

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
 Data File : VD078639.D
 Acq On : 12 Mar 2024 16:16
 Operator : RP/MD
 Sample : P1733-11
 Misc : 5.45G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3-VOC

Quant Time: Mar 13 03:05:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

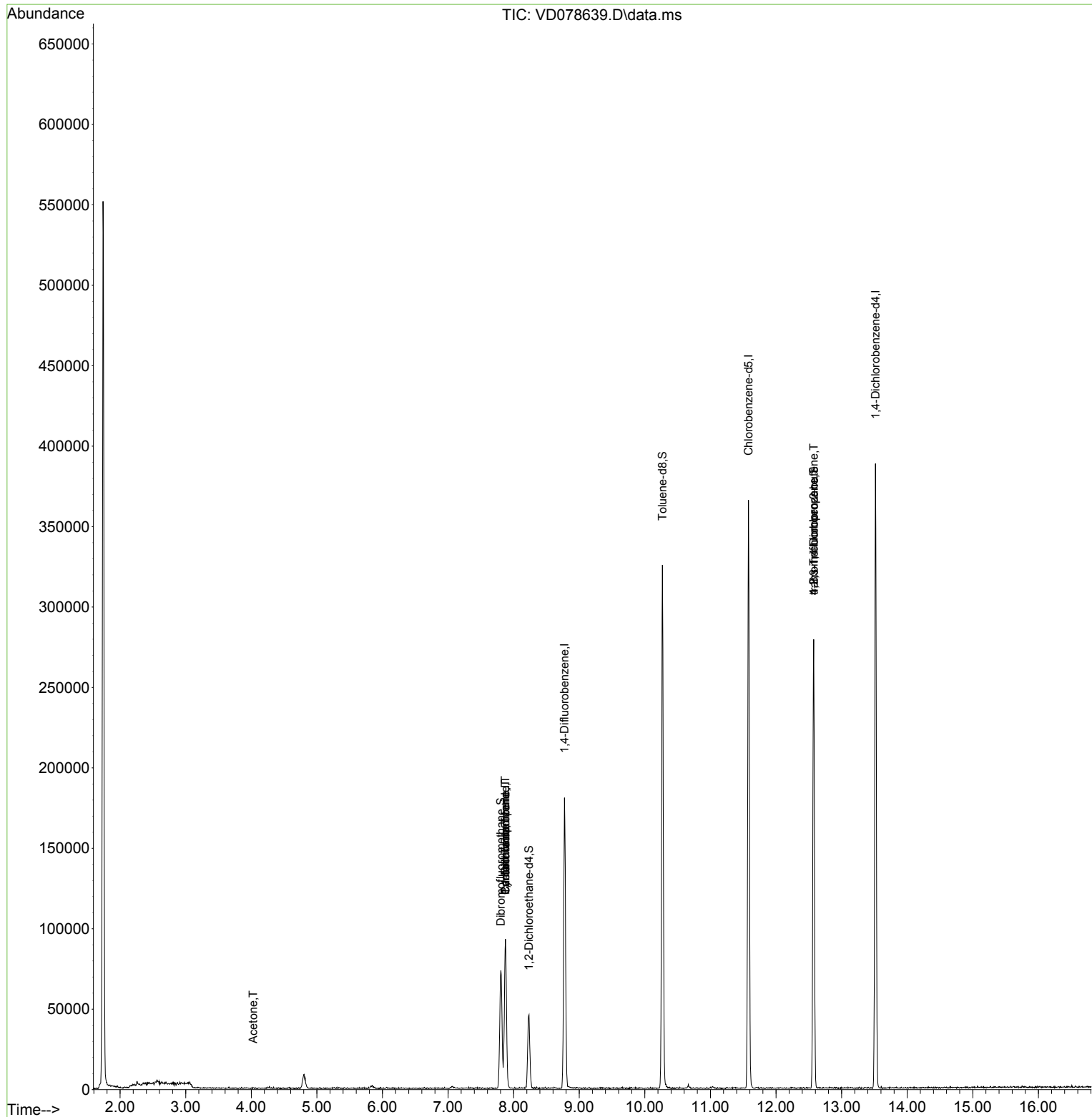
Internal Standards						
1) Pentafluorobenzene	7.875	168	71324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	164318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	217376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	36012	50.934	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.860%	
35) Dibromofluoromethane	7.804	113	55271	51.709	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.420%	
50) Toluene-d8	10.269	98	220698	53.136	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.280%	
62) 4-Bromofluorobenzene	12.575	95	84954	71.613	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 143.220%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.264	50	82	Below Cal	#	8
16) Acetone	4.028	43	175	1.292	ug/l #	32
20) Methylene Chloride	4.799	84	6641	Below Cal	#	78
31) Cyclohexane	7.875	56	1502	1.357	ug/l #	40
36) 1,1-Dichloropropene	7.875	75	5964	4.032	ug/l #	42
38) Carbon Tetrachloride	7.875	117	7041	4.551	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	43596	53.957	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	43596	115.491	ug/l #	17

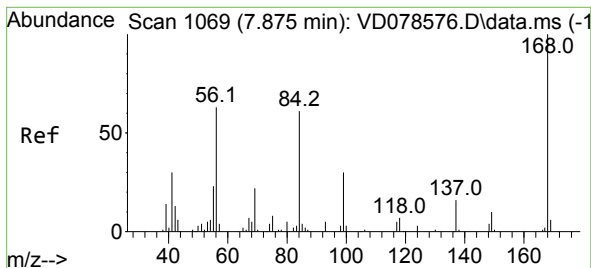
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
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Quant Time: Mar 13 03:05:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 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: VD078639.D

Acq: 12 Mar 2024 16:16

Instrument :

MSVOA_D

ClientSampleId :

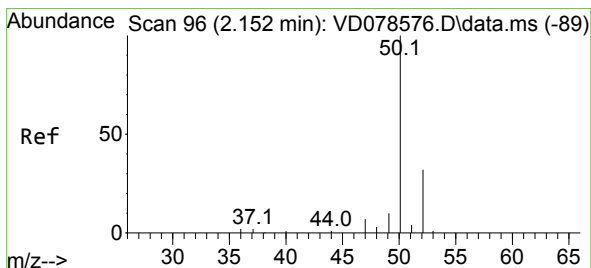
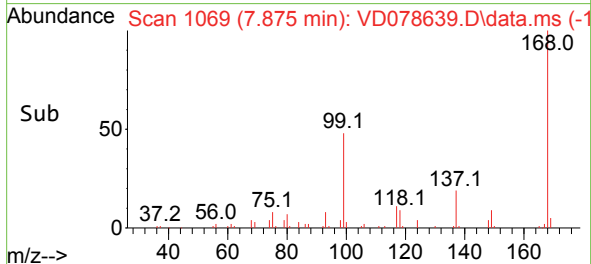
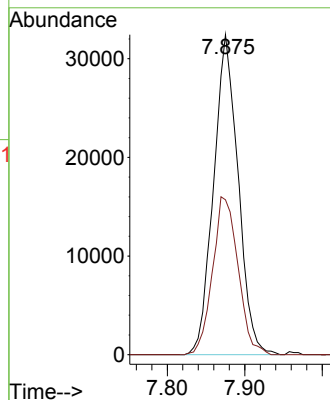
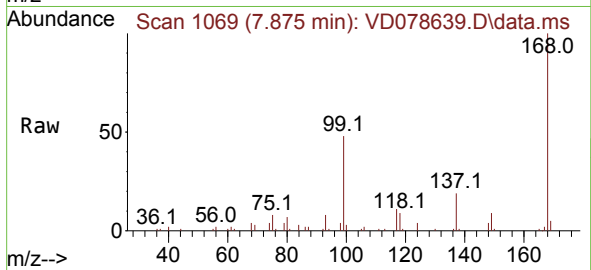
WC-3-VOC

Tgt Ion:168 Resp: 71324

Ion Ratio Lower Upper

168 100

99 48.4 36.7 55.1



#3

Chloromethane

Concen: Below Cal

RT: 2.264 min Scan# 115

Delta R.T. 0.112 min

Lab File: VD078639.D

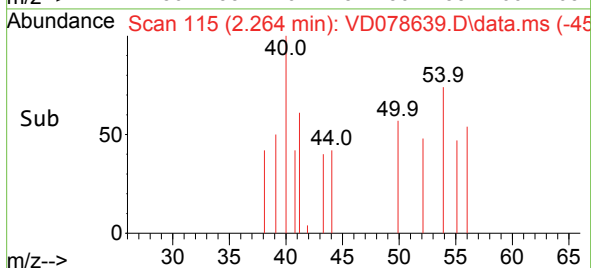
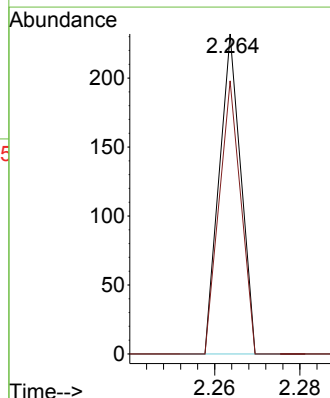
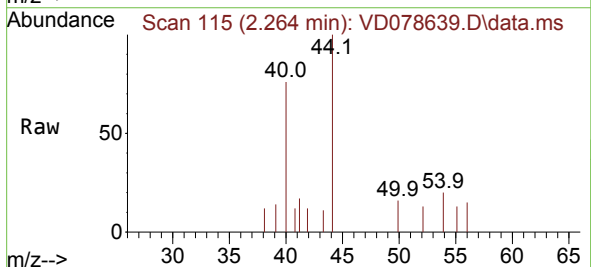
Acq: 12 Mar 2024 16:16

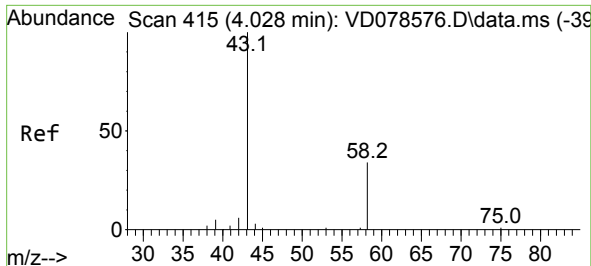
Tgt Ion: 50 Resp: 82

Ion Ratio Lower Upper

50 100

52 85.3 26.6 40.0#





#16

Acetone

Concen: 1.292 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD078639.D

Acq: 12 Mar 2024 16:16

Instrument :

MSVOA_D

ClientSampleId :

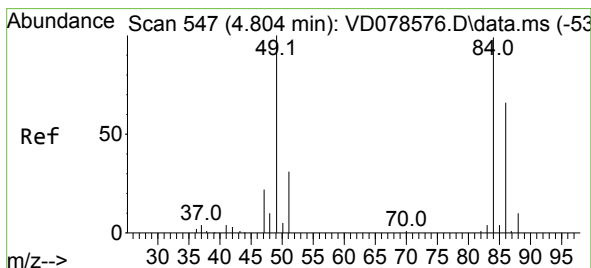
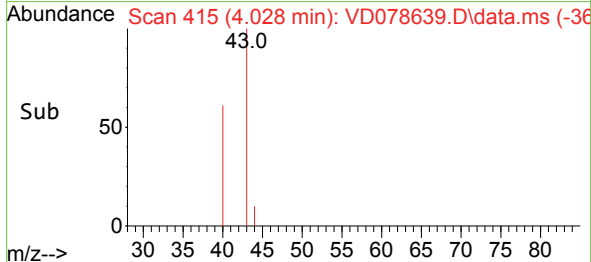
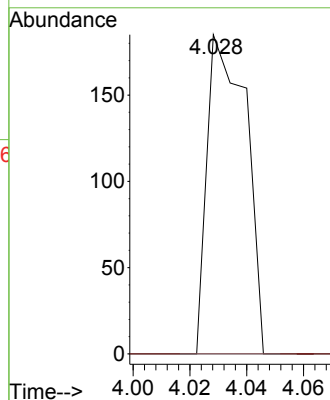
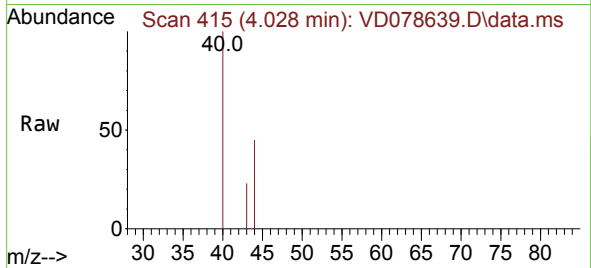
WC-3-VOC

Tgt Ion: 43 Resp: 175

Ion Ratio Lower Upper

43 100

58 0.0 34.7 52.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.799 min Scan# 546

Delta R.T. -0.005 min

Lab File: VD078639.D

Acq: 12 Mar 2024 16:16

Tgt Ion: 84 Resp: 6641

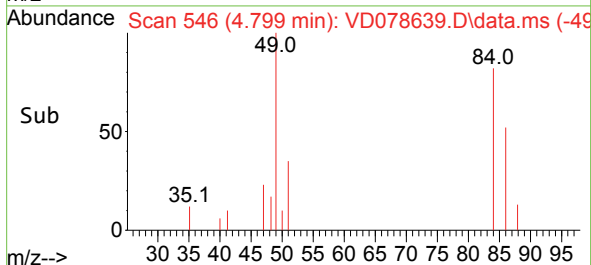
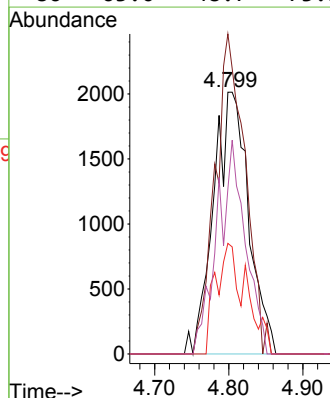
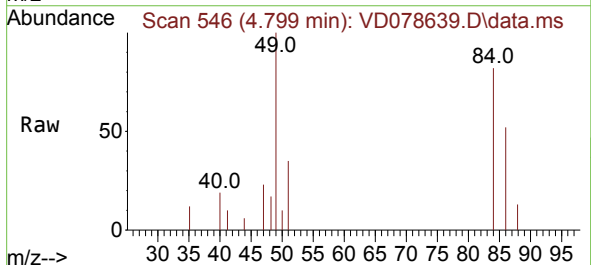
Ion Ratio Lower Upper

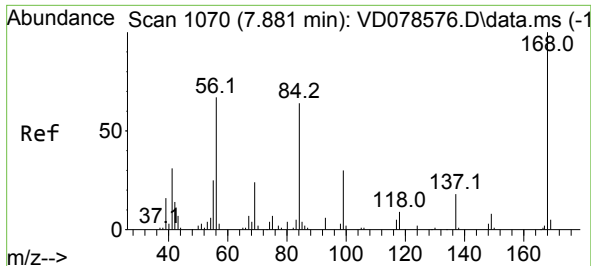
84 100

49 122.2 71.4 107.2#

51 42.3 24.5 36.7#

86 63.0 48.7 73.1

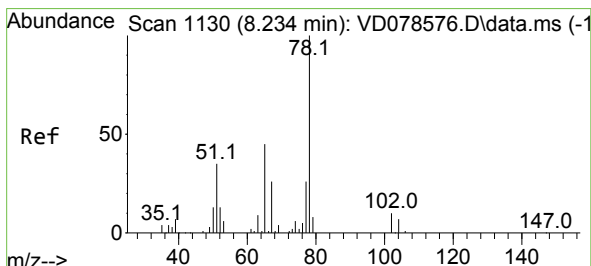
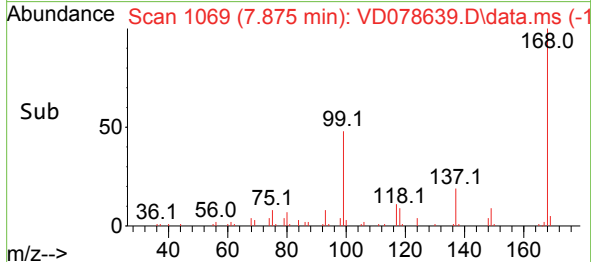
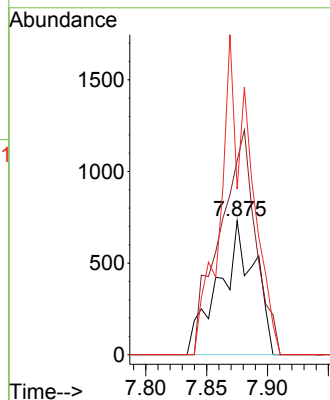
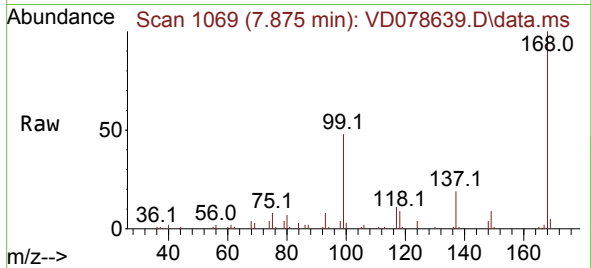




#31
Cyclohexane
Concen: 1.357 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078639.D
Acq: 12 Mar 2024 16:16

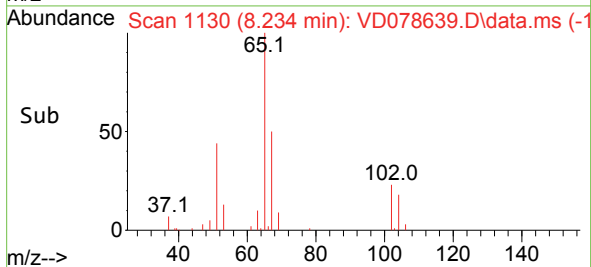
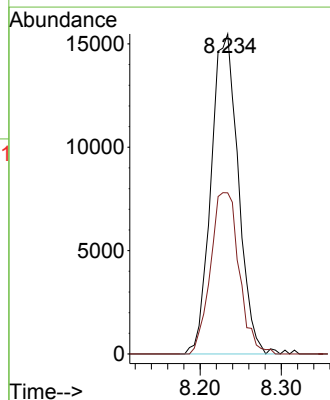
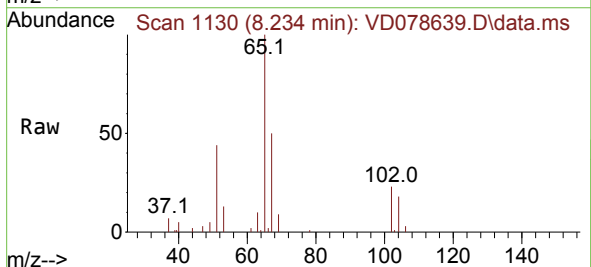
Instrument :
MSVOA_D
ClientSampleId :
WC-3-VOC

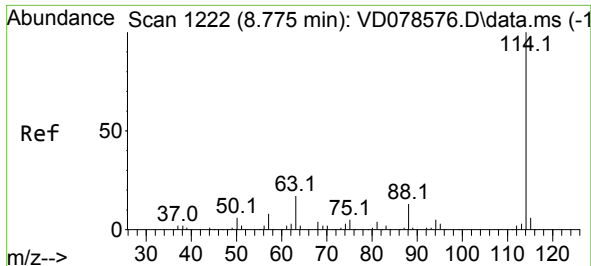
Tgt Ion: 56 Resp: 1502
Ion Ratio Lower Upper
56 100
69 144.9 28.6 43.0#
84 123.7 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 50.934 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078639.D
Acq: 12 Mar 2024 16:16

Tgt Ion: 65 Resp: 36012
Ion Ratio Lower Upper
65 100
67 53.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078639.D

Acq: 12 Mar 2024 16:16

Instrument :

MSVOA_D

ClientSampleId :

WC-3-VOC

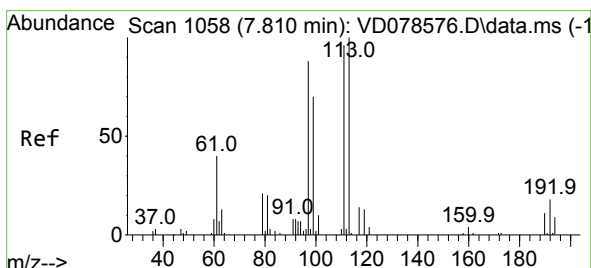
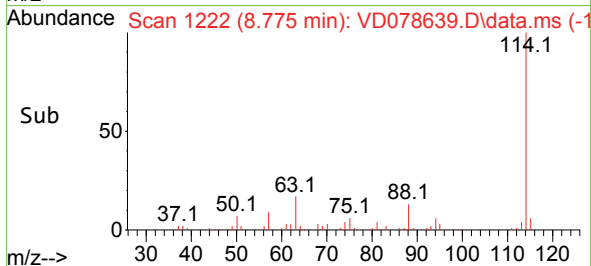
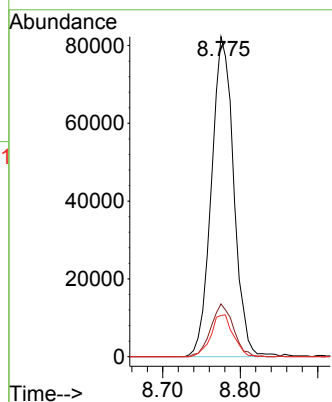
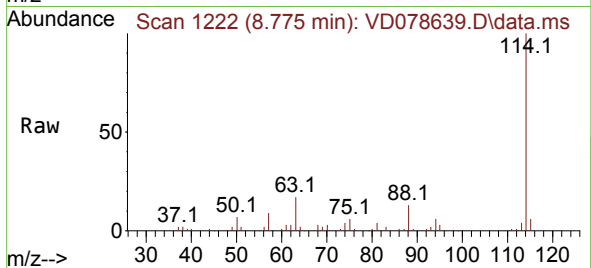
Tgt Ion:114 Resp: 164318

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

88 12.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.709 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078639.D

Acq: 12 Mar 2024 16:16

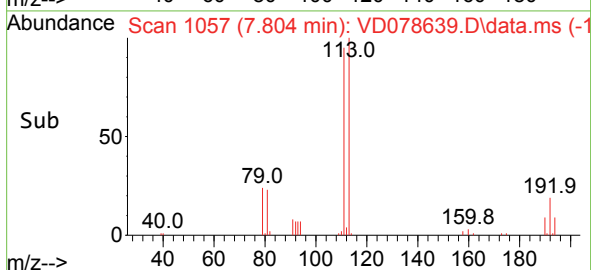
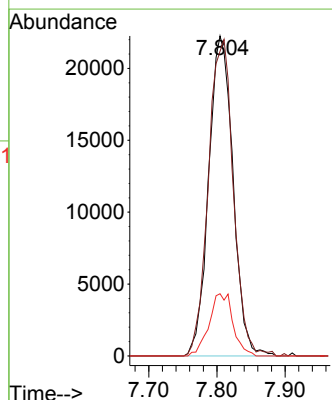
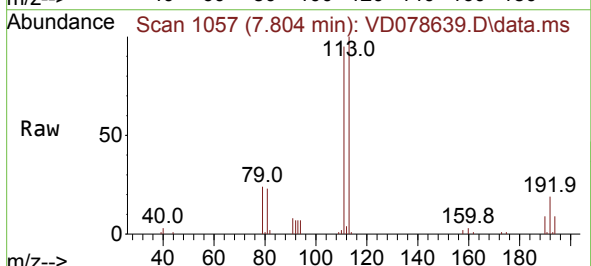
Tgt Ion:113 Resp: 55271

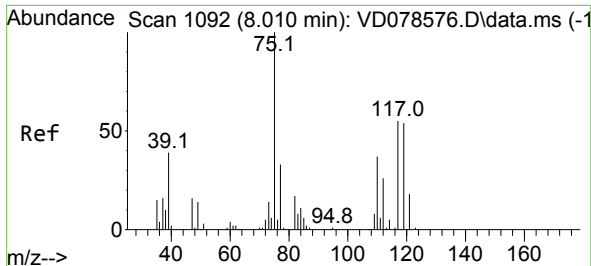
Ion Ratio Lower Upper

113 100

111 101.6 84.7 127.1

192 19.2 16.8 25.2

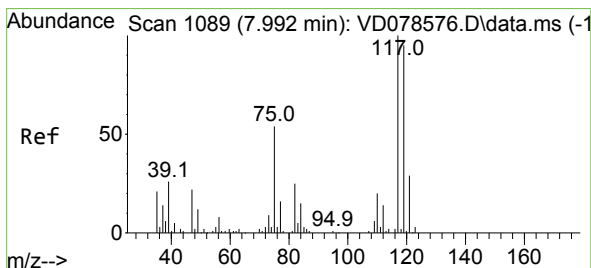
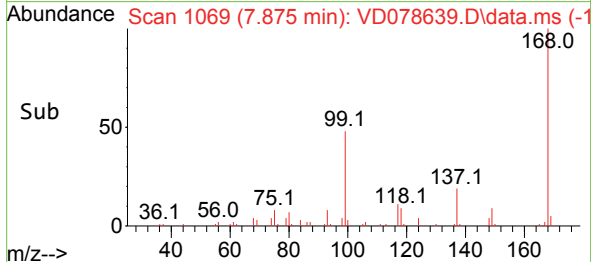
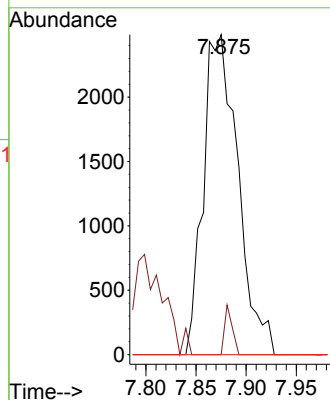
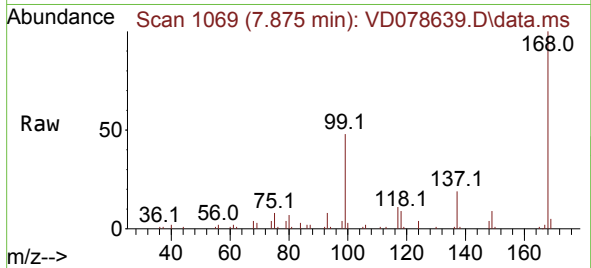




#36
1,1-Dichloropropene
Concen: 4.032 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078639.D
Acq: 12 Mar 2024 16:16

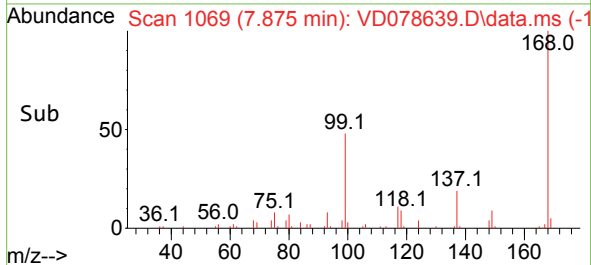
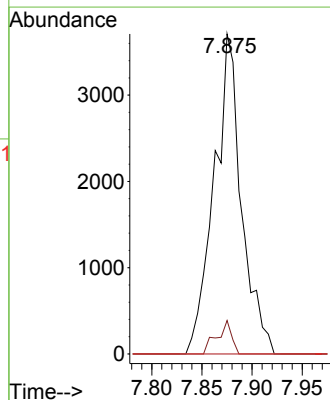
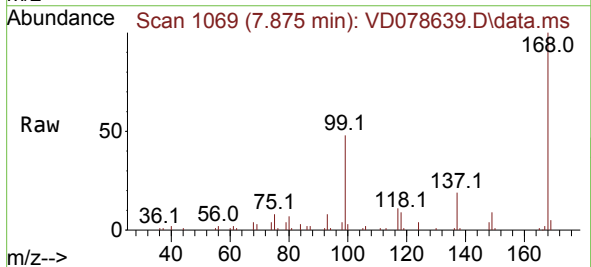
Instrument :
MSVOA_D
ClientSampleId :
WC-3-VOC

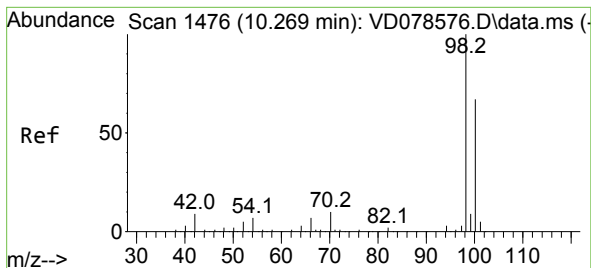
Tgt Ion: 75 Resp: 5964
Ion Ratio Lower Upper
75 100
110 3.4 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 4.551 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD078639.D
Acq: 12 Mar 2024 16:16

Tgt Ion: 117 Resp: 7041
Ion Ratio Lower Upper
117 100
119 10.4 78.0 117.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 53.136 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078639.D

Acq: 12 Mar 2024 16:16

Instrument :

MSVOA_D

ClientSampleId :

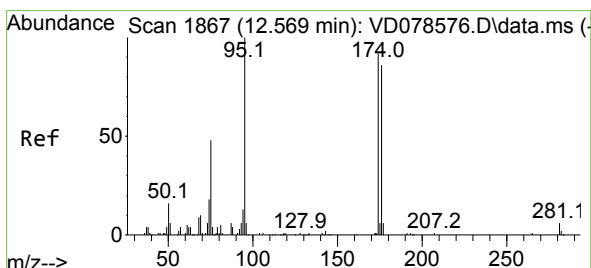
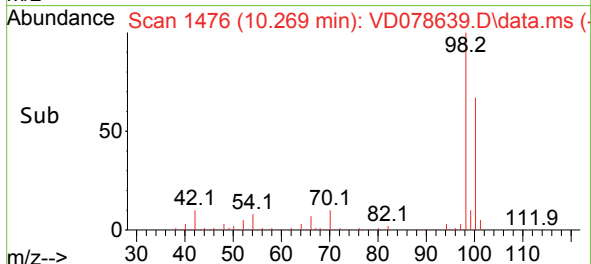
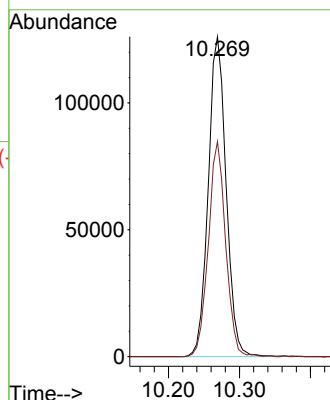
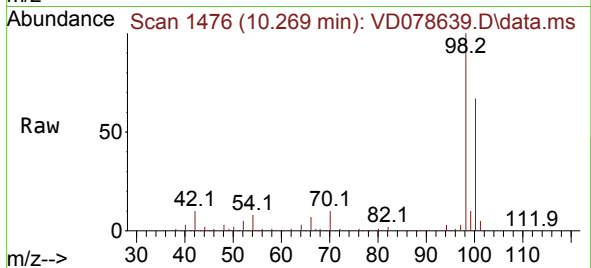
WC-3-VOC

Tgt Ion: 98 Resp: 220698

Ion Ratio Lower Upper

98 100

100 65.2 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 71.613 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078639.D

Acq: 12 Mar 2024 16:16

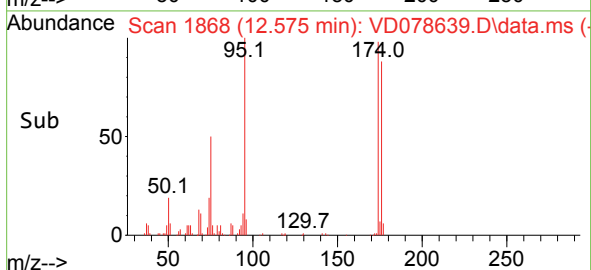
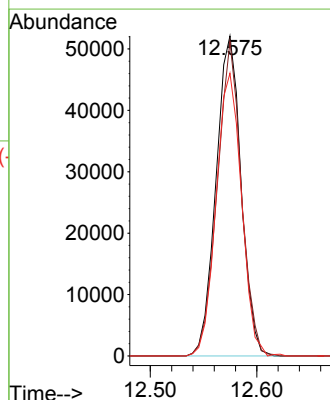
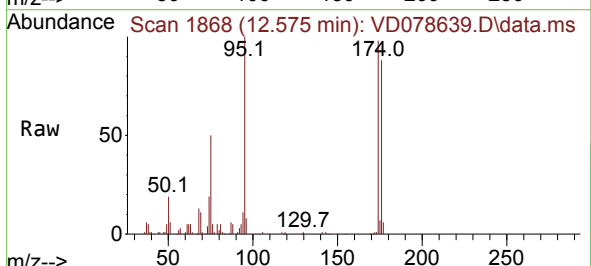
Tgt Ion: 95 Resp: 84954

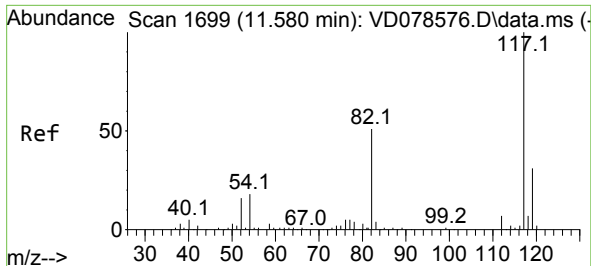
Ion Ratio Lower Upper

95 100

174 94.5 0.0 201.8

176 89.6 0.0 191.8

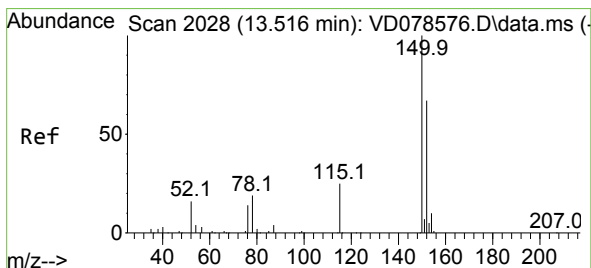
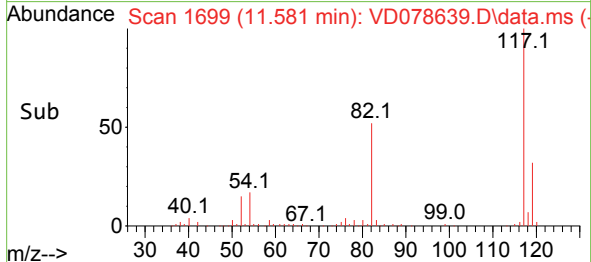
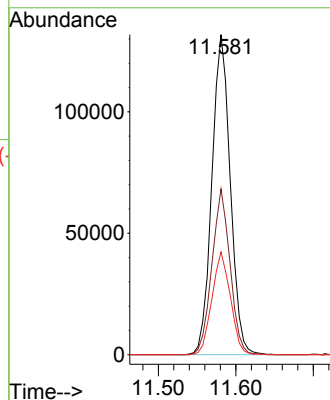
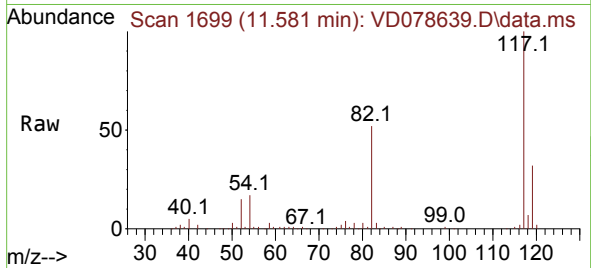




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078639.D
Acq: 12 Mar 2024 16:16

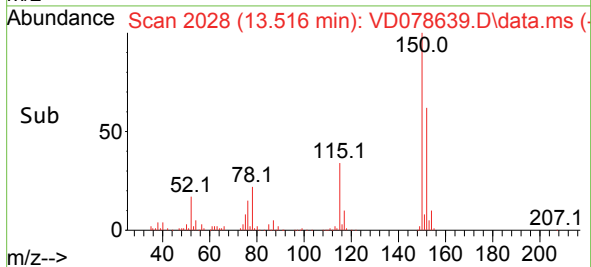
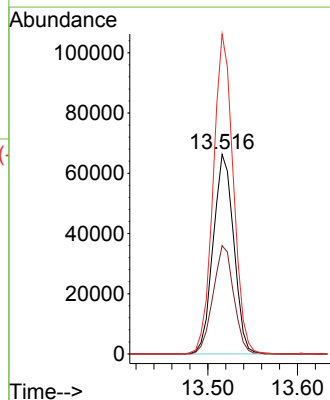
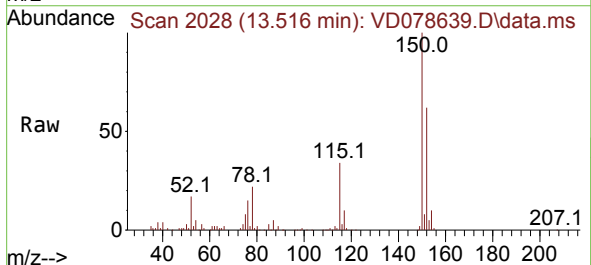
Instrument :
MSVOA_D
ClientSampleId :
WC-3-VOC

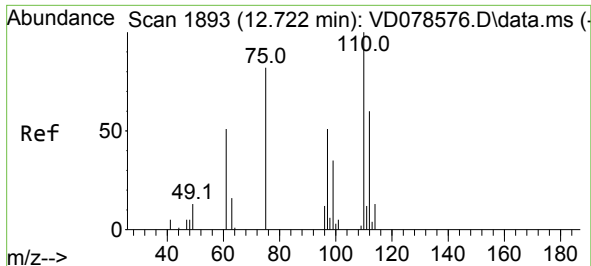
Tgt Ion:117 Resp: 217376
Ion Ratio Lower Upper
117 100
82 51.8 38.3 57.5
119 32.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078639.D
Acq: 12 Mar 2024 16:16

Tgt Ion:152 Resp: 105792
Ion Ratio Lower Upper
152 100
115 54.5 27.1 81.3
150 156.1 0.0 353.6

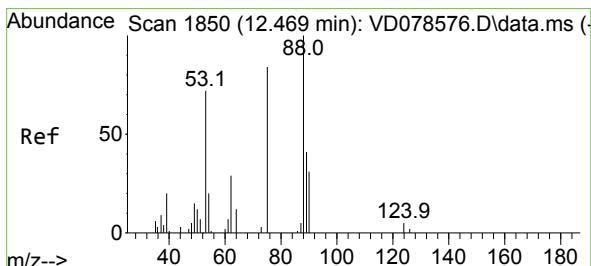
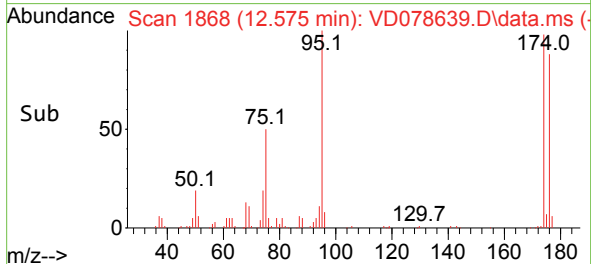
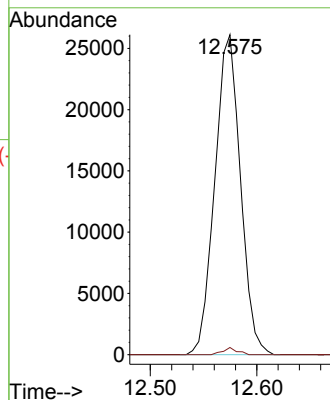
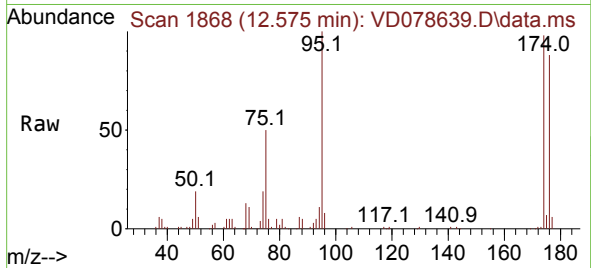




#76
1,2,3-Trichloropropane
Concen: 53.957 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078639.D
Acq: 12 Mar 2024 16:16

Instrument :
MSVOA_D
ClientSampleId :
WC-3-VOC

Tgt Ion: 75 Resp: 43596
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.491 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078639.D
Acq: 12 Mar 2024 16:16

Tgt Ion: 75 Resp: 43596
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

