

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
 Data File : VD078637.D
 Acq On : 12 Mar 2024 15:21
 Operator : RP/MD
 Sample : P1733-03
 Misc : 5.70G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-VOC

Quant Time: Mar 13 03:04:54 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)

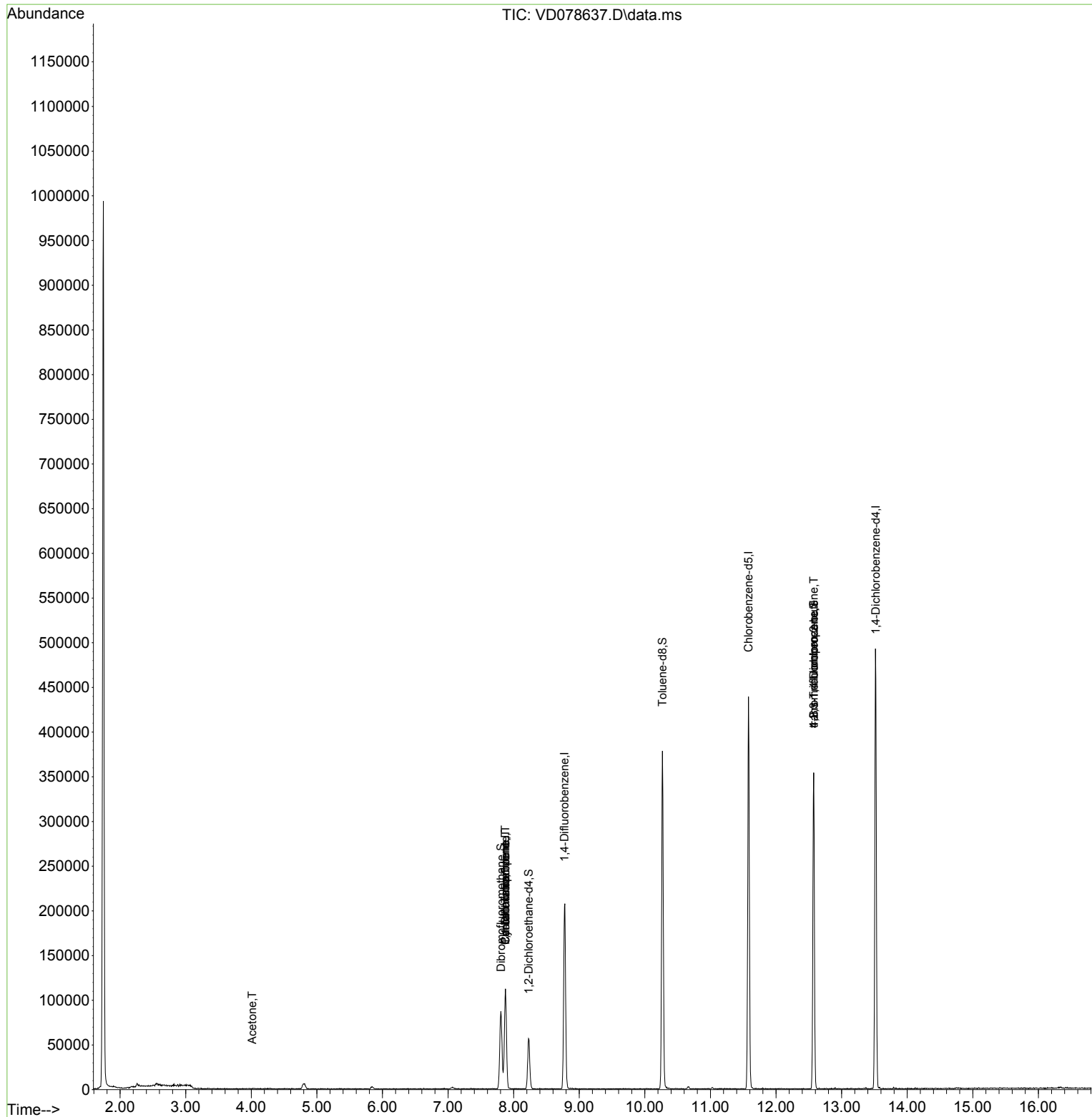
Internal Standards						
1) Pentafluorobenzene	7.875	168	89854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	197288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	256652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	133993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42933	48.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.400%
35) Dibromofluoromethane	7.810	113	64870	50.548	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.100%
50) Toluene-d8	10.269	98	265339	53.208	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.420%
62) 4-Bromofluorobenzene	12.575	95	106637	74.868	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	149.740%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.158	50	160	Below Cal	#	41
16) Acetone	4.016	43	305	1.787	ug/l #	32
20) Methylene Chloride	4.799	84	5280	Below Cal	#	89
31) Cyclohexane	7.875	56	1671	1.199	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	6914	3.893	ug/l #	47
38) Carbon Tetrachloride	7.875	117	8472	4.561	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	55008	53.752	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	55008	115.053	ug/l #	17

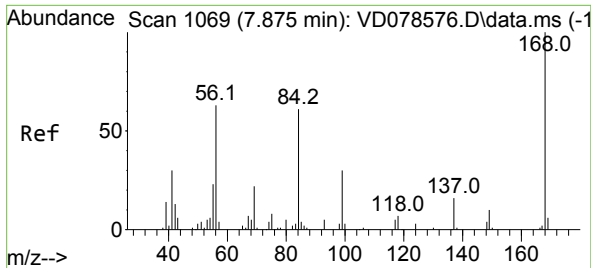
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
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Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

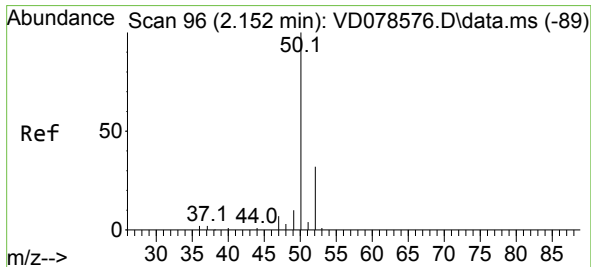
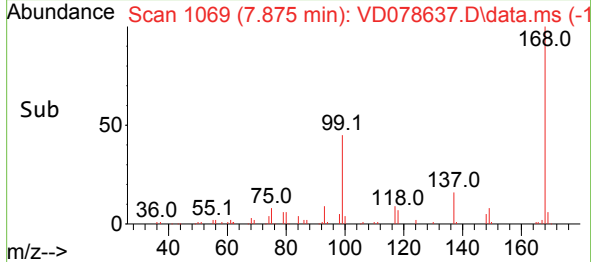
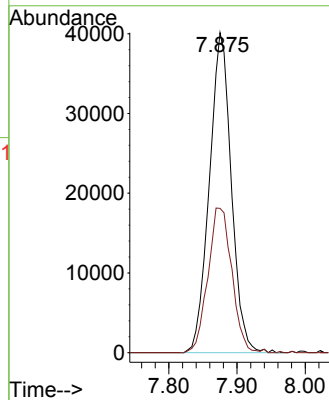
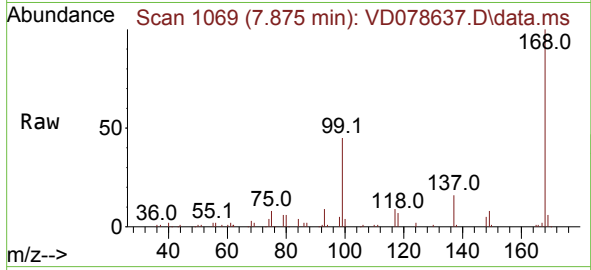




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078637.D
Acq: 12 Mar 2024 15:21

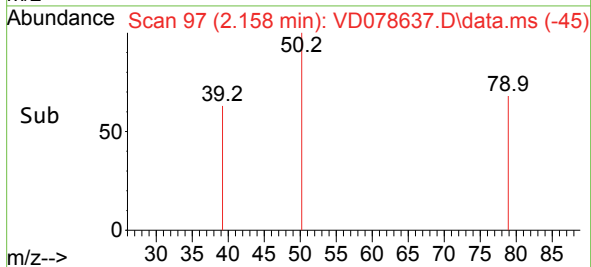
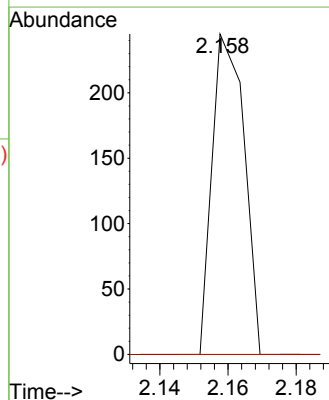
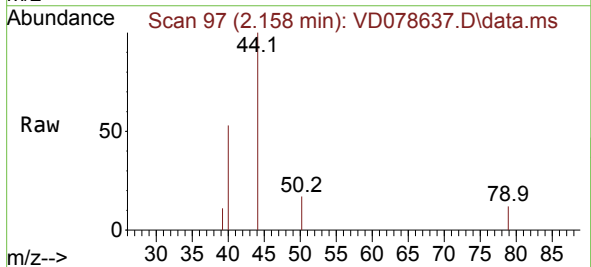
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

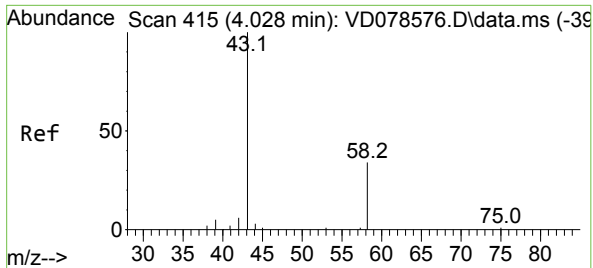
Tgt Ion:168 Resp: 89854
Ion Ratio Lower Upper
168 100
99 45.1 36.7 55.1



#3
Chloromethane
Concen: Below Cal
RT: 2.158 min Scan# 97
Delta R.T. 0.006 min
Lab File: VD078637.D
Acq: 12 Mar 2024 15:21

Tgt Ion: 50 Resp: 160
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#





#16

Acetone

Concen: 1.787 ug/l

RT: 4.016 min Scan# 41

Delta R.T. -0.012 min

Lab File: VD078637.D

Acq: 12 Mar 2024 15:21

Instrument :

MSVOA_D

ClientSampleId :

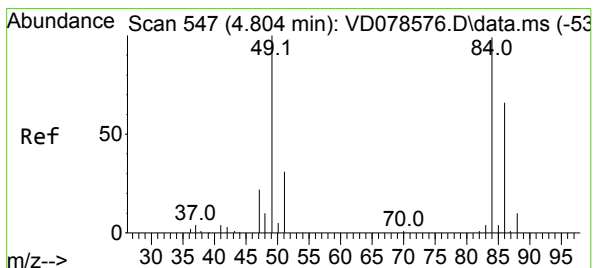
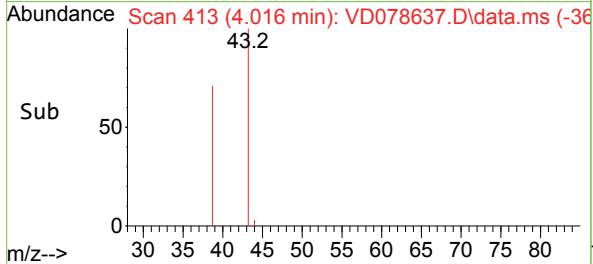
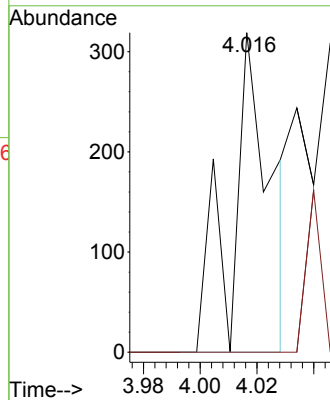
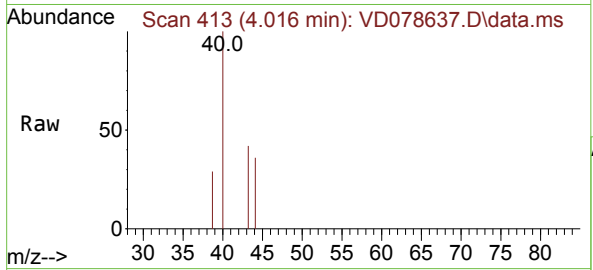
WC-1-VOC

Tgt Ion: 43 Resp: 305

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: VD078637.D

Acq: 12 Mar 2024 15:21

Tgt Ion: 84 Resp: 5280

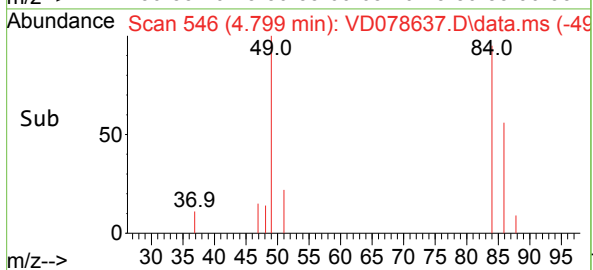
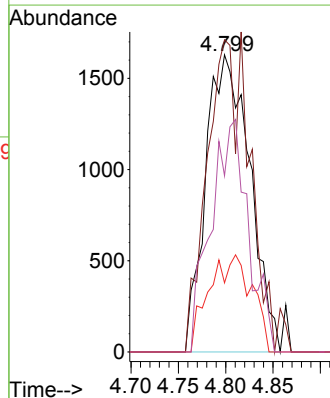
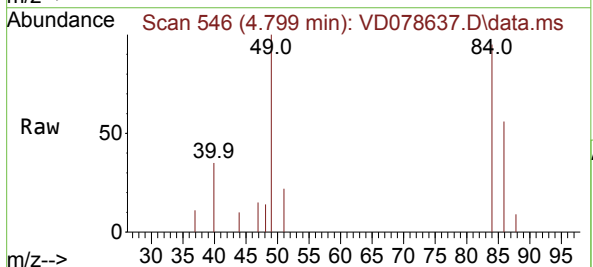
Ion Ratio Lower Upper

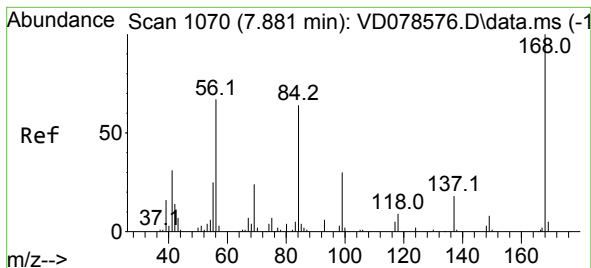
84 100

49 105.0 71.4 107.2

51 23.3 24.5 36.7#

86 59.2 48.7 73.1





#31

Cyclohexane

Concen: 1.199 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078637.D

Acq: 12 Mar 2024 15:21

Instrument :

MSVOA_D

ClientSampleId :

WC-1-VOC

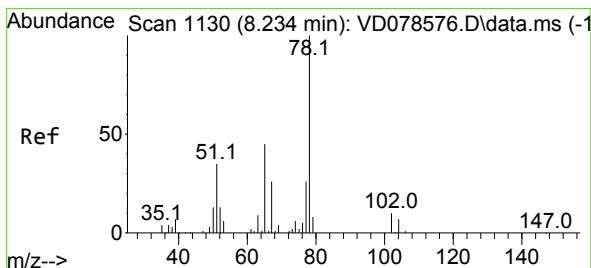
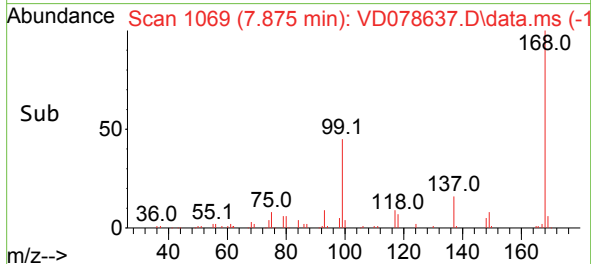
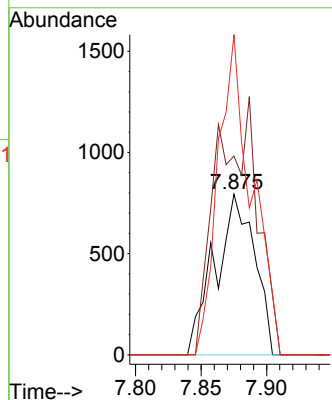
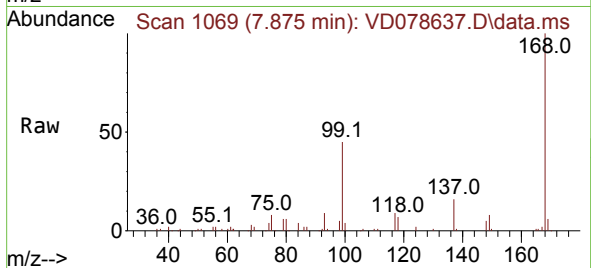
Tgt Ion: 56 Resp: 1671

Ion Ratio Lower Upper

56 100

69 123.7 28.6 43.0#

84 199.2 84.8 127.2#



#33

1,2-Dichloroethane-d4

Concen: 48.201 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078637.D

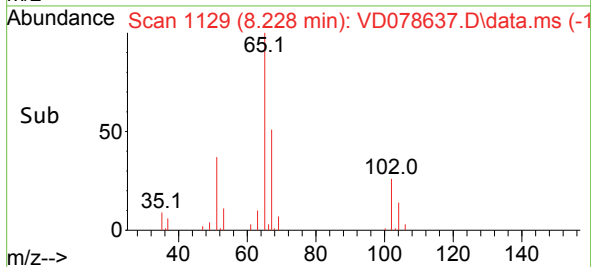
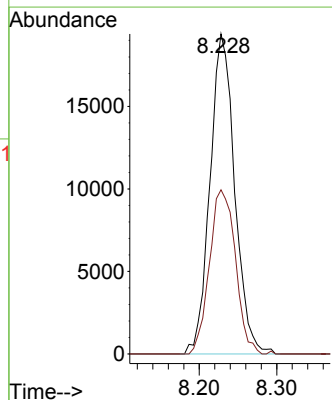
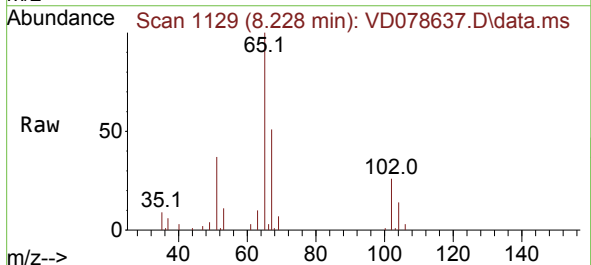
Acq: 12 Mar 2024 15:21

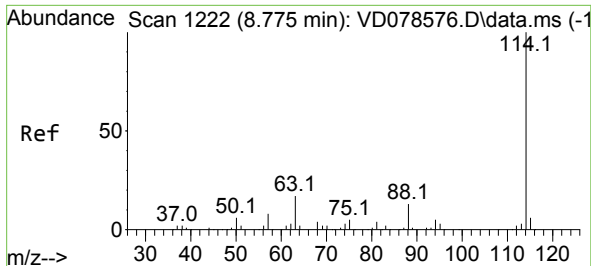
Tgt Ion: 65 Resp: 42933

Ion Ratio Lower Upper

65 100

67 53.9 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: VD078637.D

Acq: 12 Mar 2024 15:21

Instrument :

MSVOA_D

ClientSampleId :

WC-1-VOC

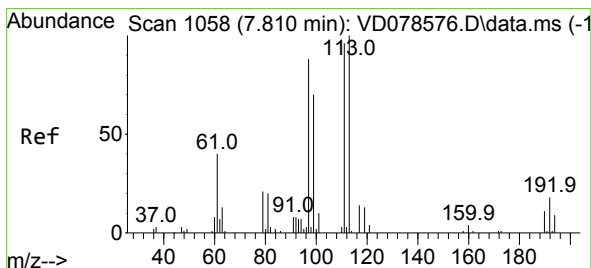
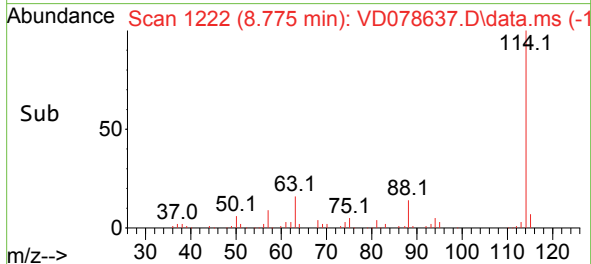
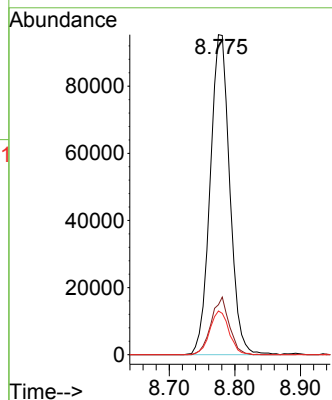
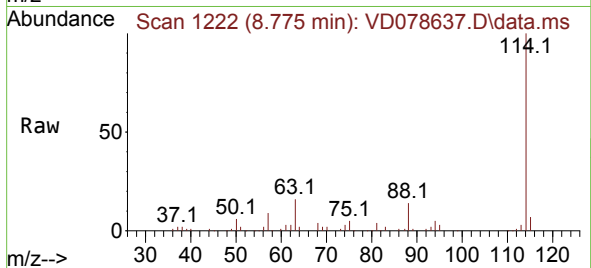
Tgt Ion:114 Resp: 197288

Ion Ratio Lower Upper

114 100

63 15.6 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 50.548 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078637.D

Acq: 12 Mar 2024 15:21

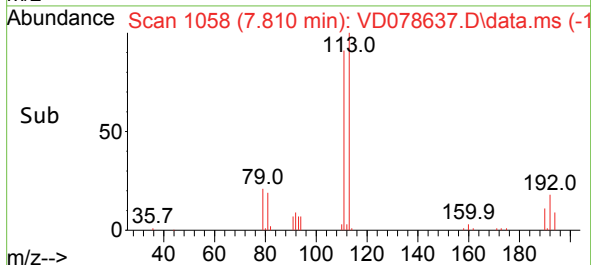
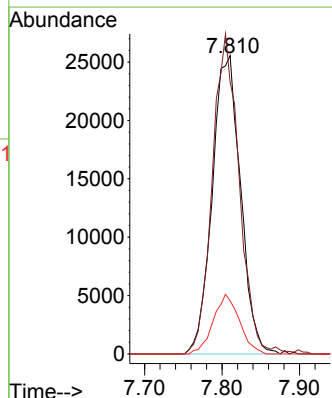
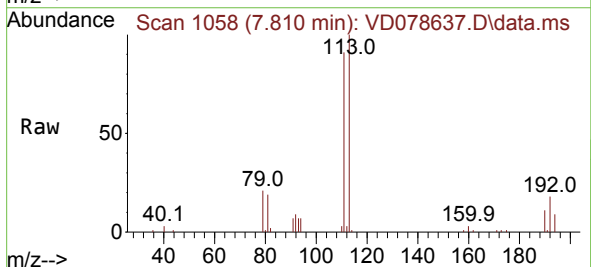
Tgt Ion:113 Resp: 64870

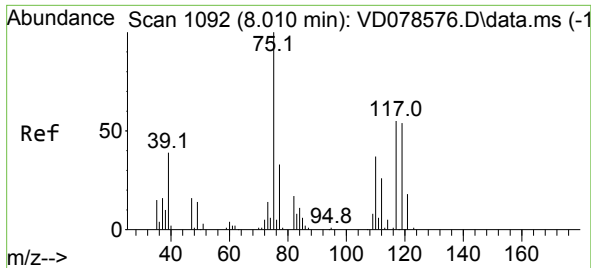
Ion Ratio Lower Upper

113 100

111 101.8 84.7 127.1

192 18.5 16.8 25.2

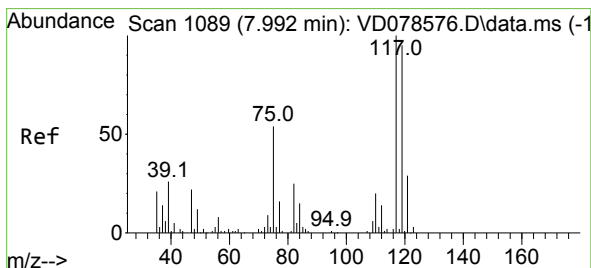
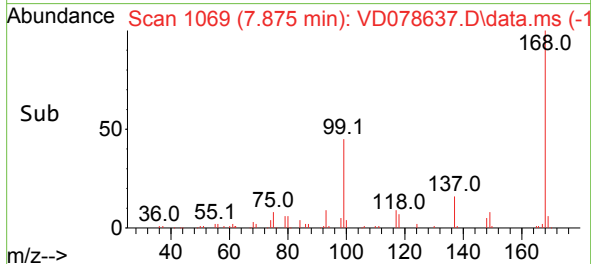
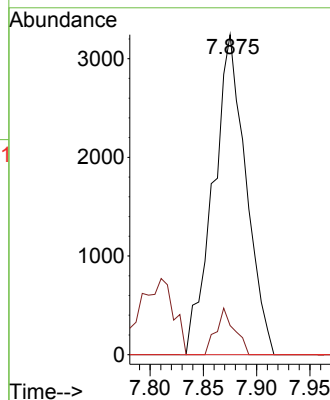
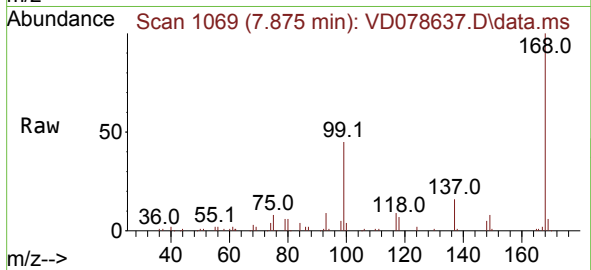




#36
1,1-Dichloropropene
Concen: 3.893 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078637.D
Acq: 12 Mar 2024 15:21

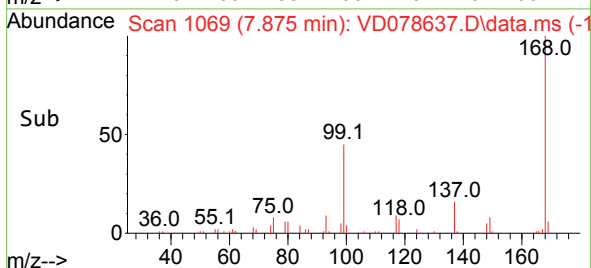
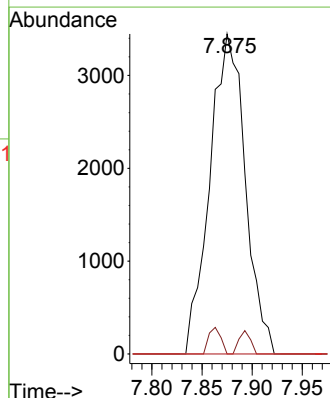
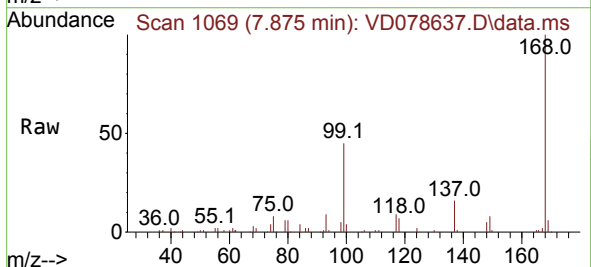
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

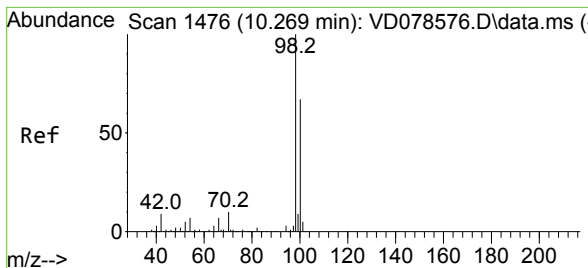
Tgt Ion: 75 Resp: 6914
Ion Ratio Lower Upper
75 100
110 8.2 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 4.561 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD078637.D
Acq: 12 Mar 2024 15:21

Tgt Ion: 117 Resp: 8472
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 53.208 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078637.D

Acq: 12 Mar 2024 15:21

Instrument :

MSVOA_D

ClientSampleId :

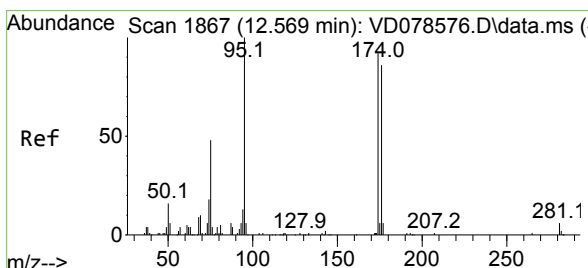
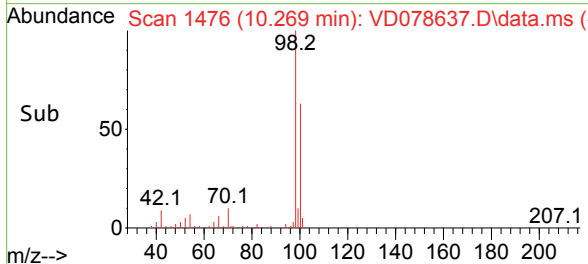
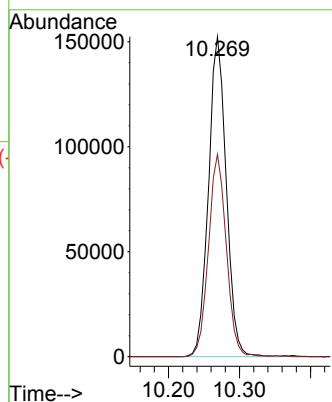
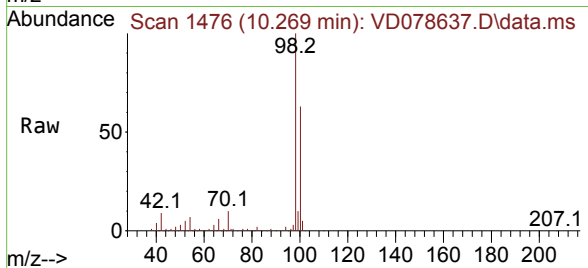
WC-1-VOC

Tgt Ion: 98 Resp: 265339

Ion Ratio Lower Upper

98 100

100 63.5 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 74.868 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078637.D

Acq: 12 Mar 2024 15:21

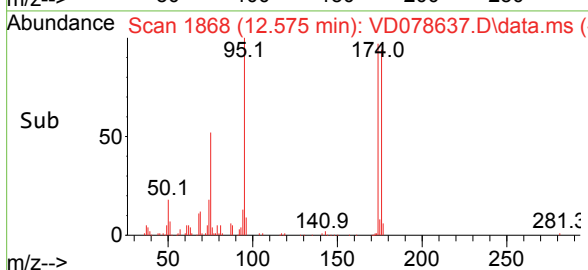
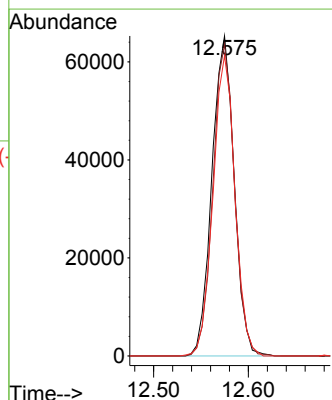
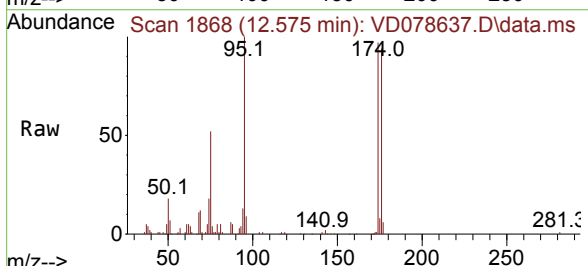
Tgt Ion: 95 Resp: 106637

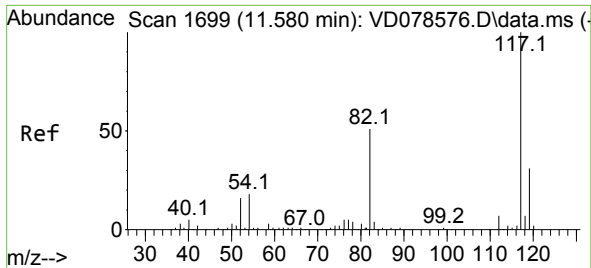
Ion Ratio Lower Upper

95 100

174 94.3 0.0 201.8

176 92.5 0.0 191.8

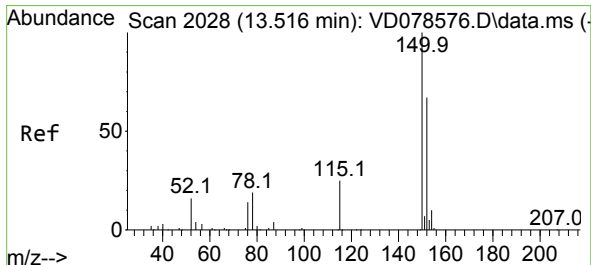
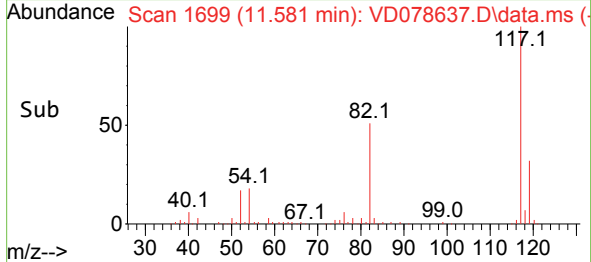
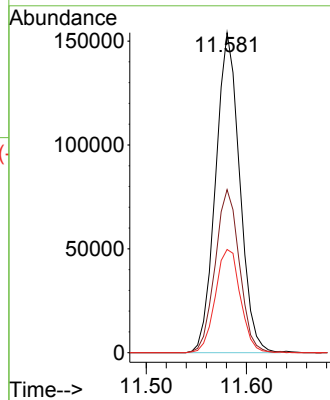
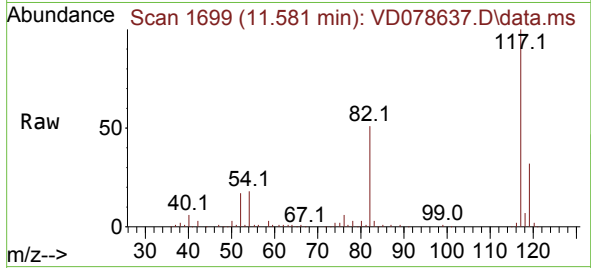




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078637.D
Acq: 12 Mar 2024 15:21

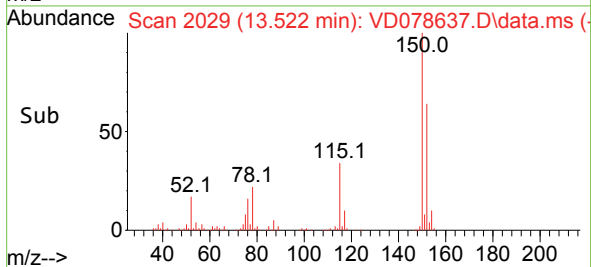
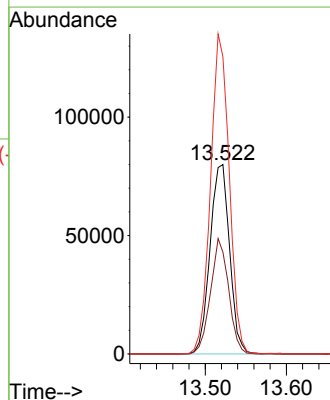
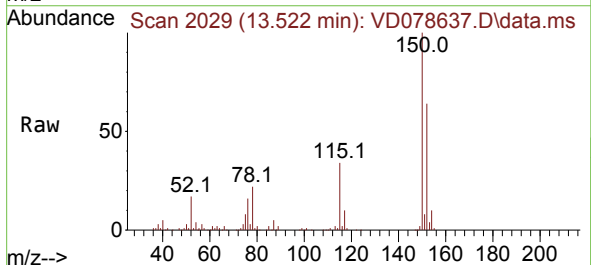
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

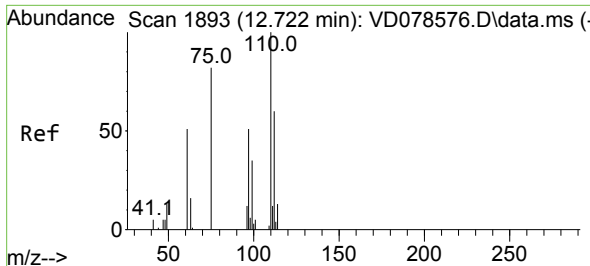
Tgt Ion:117 Resp: 256652
Ion Ratio Lower Upper
117 100
82 51.0 38.3 57.5
119 32.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078637.D
Acq: 12 Mar 2024 15:21

Tgt Ion:152 Resp: 133993
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 161.0 0.0 353.6

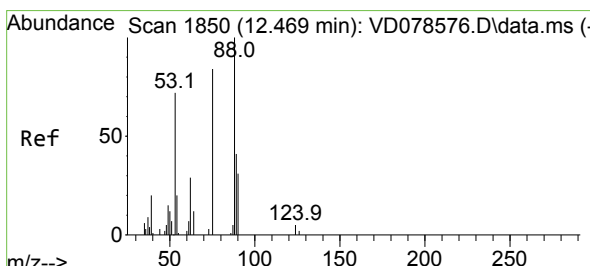
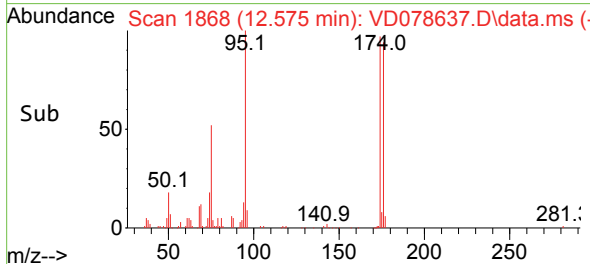
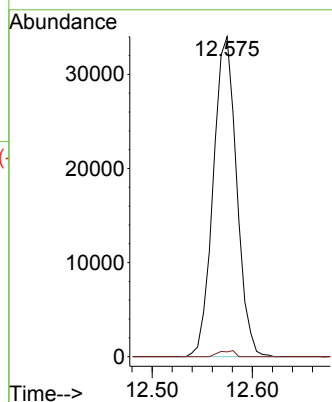
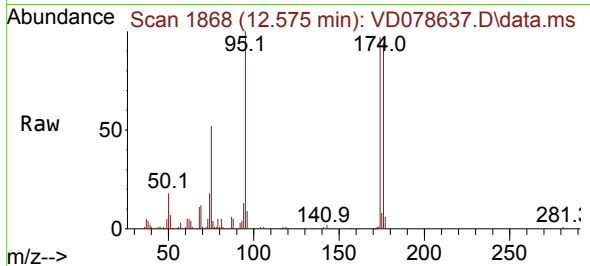




#76
1,2,3-Trichloropropane
Concen: 53.752 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078637.D
Acq: 12 Mar 2024 15:21

Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

Tgt Ion: 75 Resp: 55008
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.053 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078637.D
Acq: 12 Mar 2024 15:21

Tgt Ion: 75 Resp: 55008
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

