

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
 Data File : VD078638.D
 Acq On : 12 Mar 2024 15:49
 Operator : RP/MD
 Sample : P1733-07
 Misc : 5.79G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2-VOC

Quant Time: Mar 13 03:05:15 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)

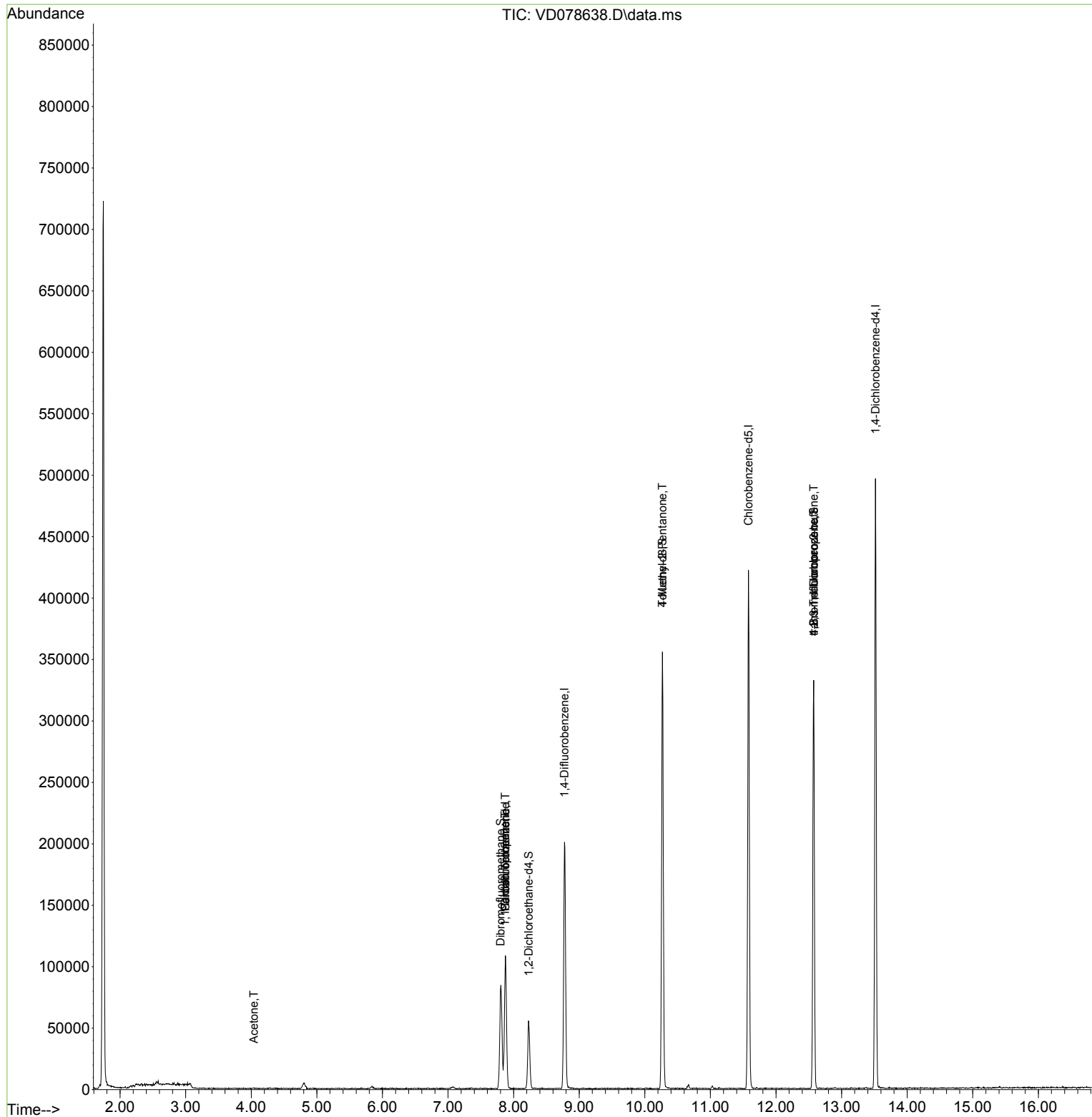
Internal Standards						
1) Pentafluorobenzene	7.875	168	81248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	187168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	252200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	133330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	40950	50.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.680%
35) Dibromofluoromethane	7.799	113	60586	49.762	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.520%
50) Toluene-d8	10.269	98	251785	53.220	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.440%
62) 4-Bromofluorobenzene	12.575	95	100973	74.725	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	149.440%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	131	Below Cal	#	41
16) Acetone	4.040	43	361	2.340	ug/l #	32
20) Methylene Chloride	4.799	84	3725	Below Cal	#	95
36) 1,1-Dichloropropene	7.869	75	6528	3.875	ug/l #	42
38) Carbon Tetrachloride	7.875	117	8648	4.908	ug/l #	19
51) 4-Methyl-2-Pentanone	10.269	43	1052	1.947	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	53342	52.383	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	53342	112.124	ug/l #	17

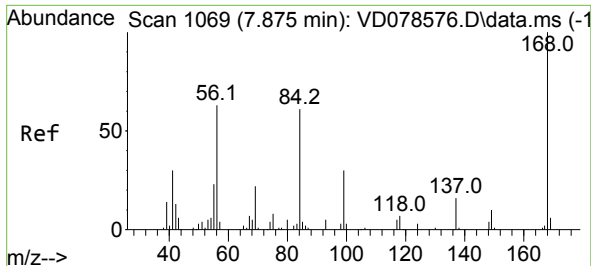
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

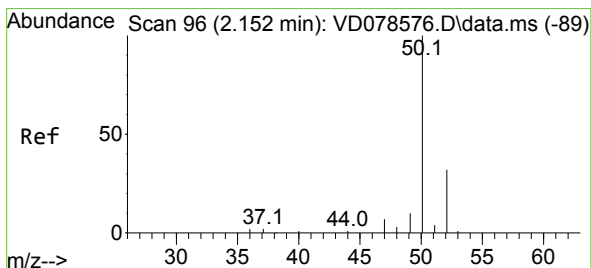
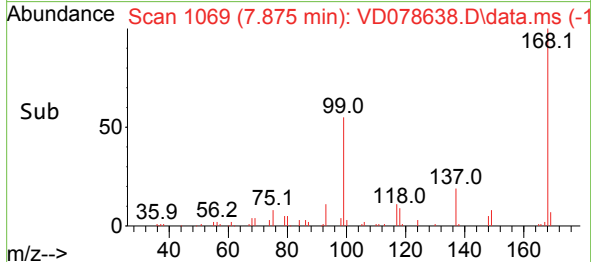
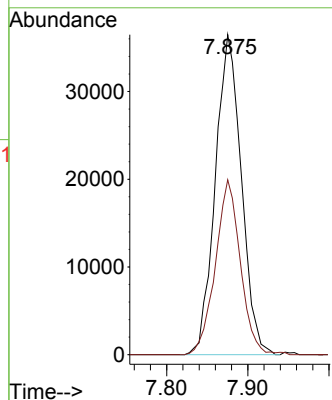
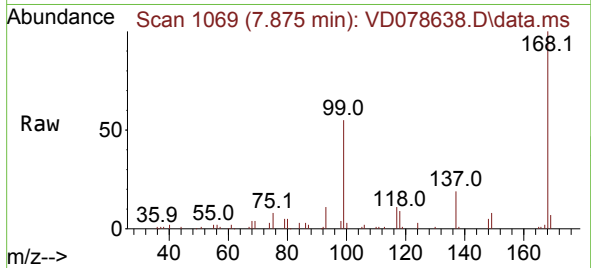




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078638.D
Acq: 12 Mar 2024 15:49

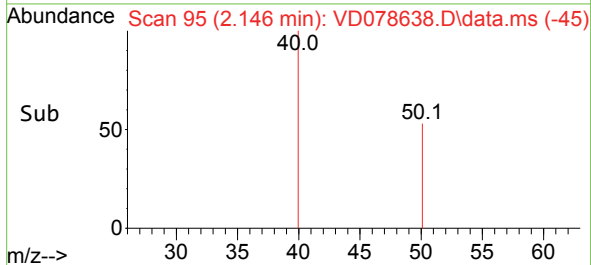
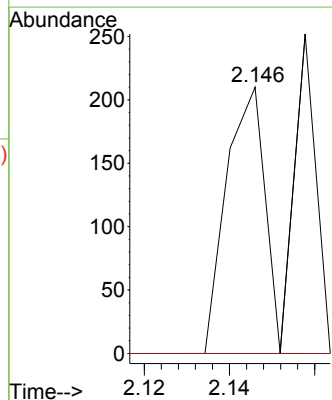
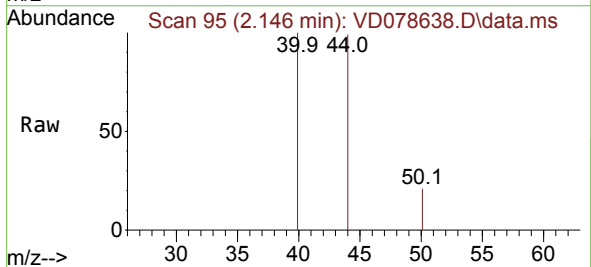
Instrument :
MSVOA_D
ClientSampleId :
WC-2-VOC

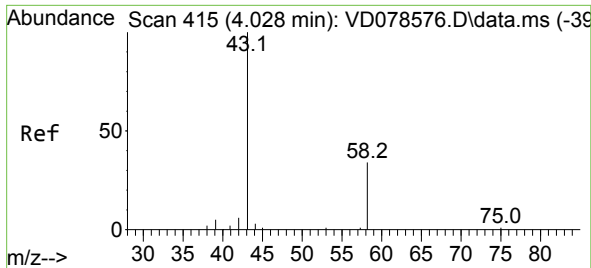
Tgt Ion:168 Resp: 81248
Ion Ratio Lower Upper
168 100
99 54.6 36.7 55.1



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD078638.D
Acq: 12 Mar 2024 15:49

Tgt Ion: 50 Resp: 131
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#





#16

Acetone

Concen: 2.340 ug/l

RT: 4.040 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD078638.D

Acq: 12 Mar 2024 15:49

Instrument :

MSVOA_D

ClientSampleId :

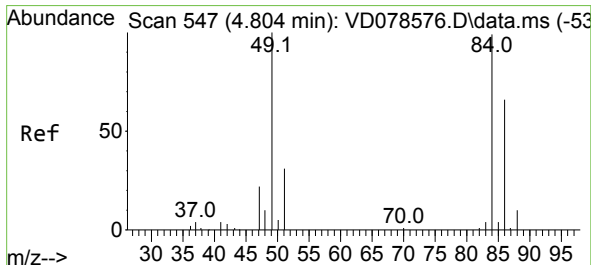
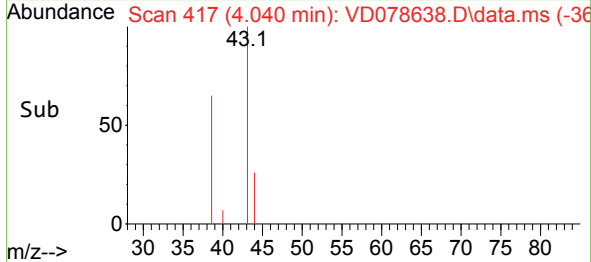
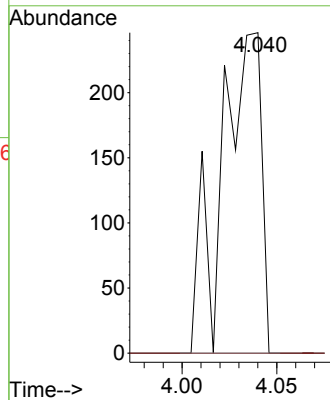
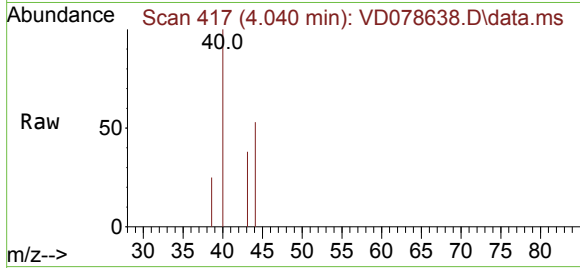
WC-2-VOC

Tgt Ion: 43 Resp: 361

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: VD078638.D

Acq: 12 Mar 2024 15:49

Tgt Ion: 84 Resp: 3725

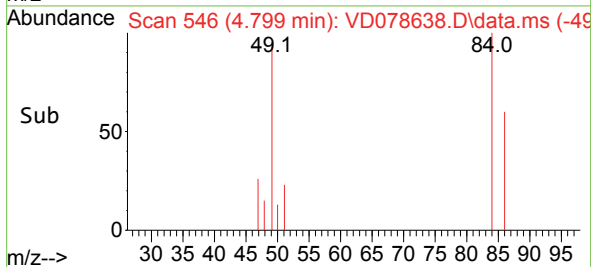
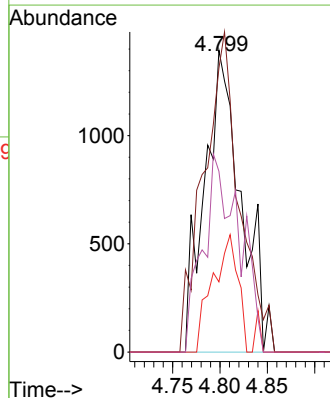
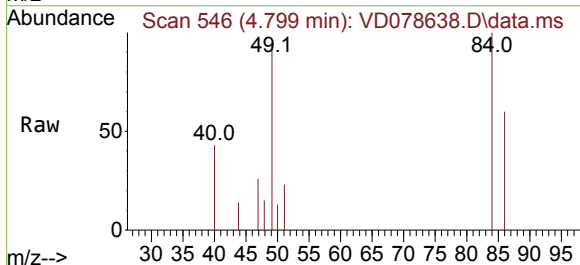
Ion Ratio Lower Upper

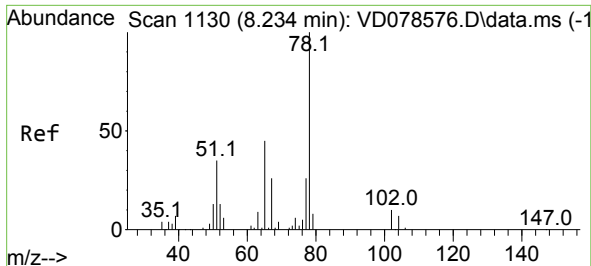
84 100

49 94.1 71.4 107.2

51 23.2 24.5 36.7#

86 59.9 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 50.844 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078638.D

Acq: 12 Mar 2024 15:49

Instrument :

MSVOA_D

ClientSampleId :

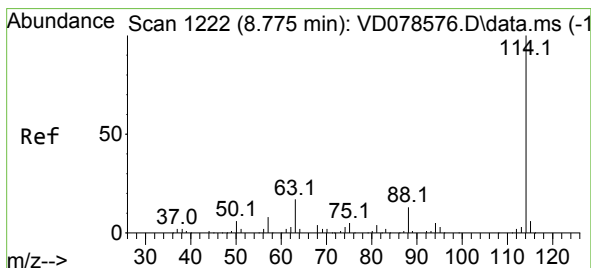
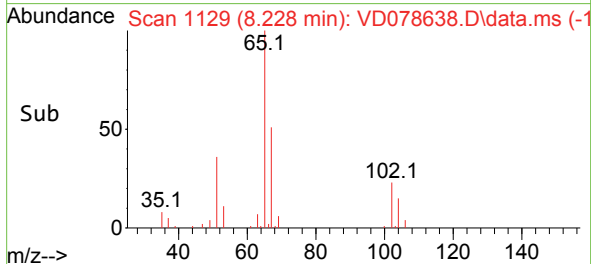
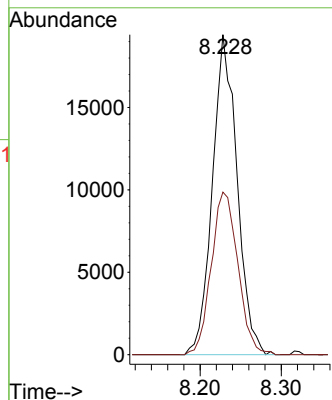
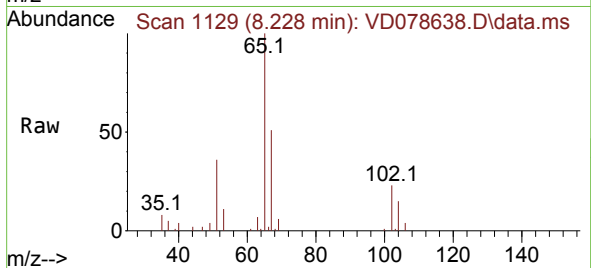
WC-2-VOC

Tgt Ion: 65 Resp: 40950

Ion Ratio Lower Upper

65 100

67 54.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078638.D

Acq: 12 Mar 2024 15:49

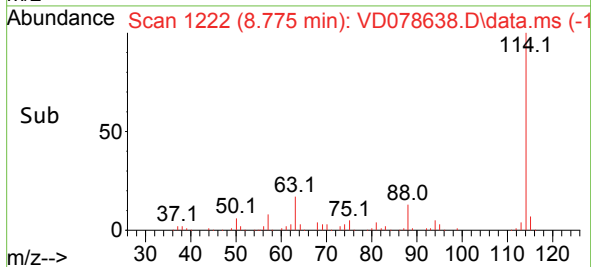
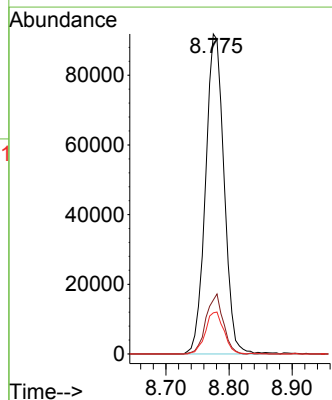
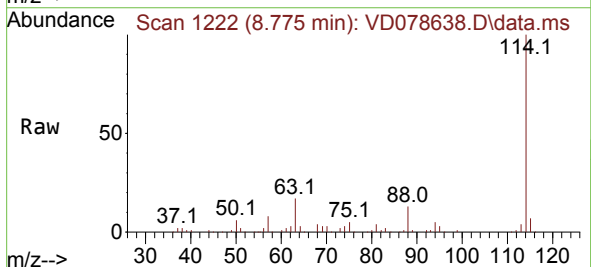
Tgt Ion: 114 Resp: 187168

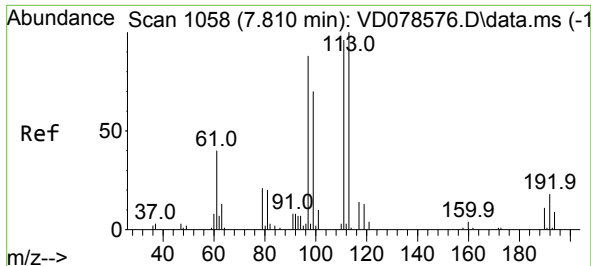
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 12.9 0.0 26.2

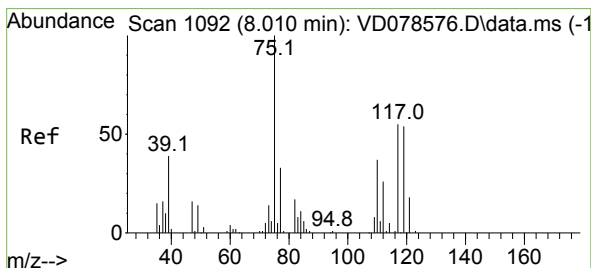
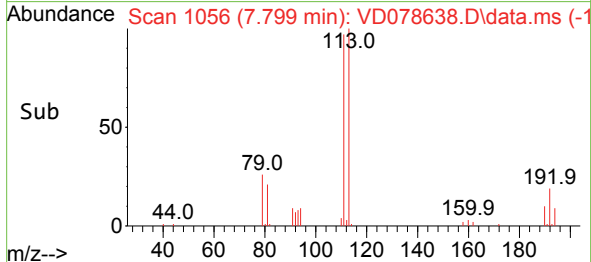
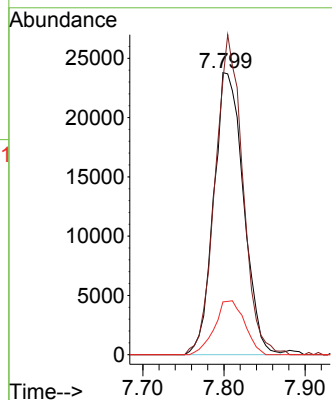
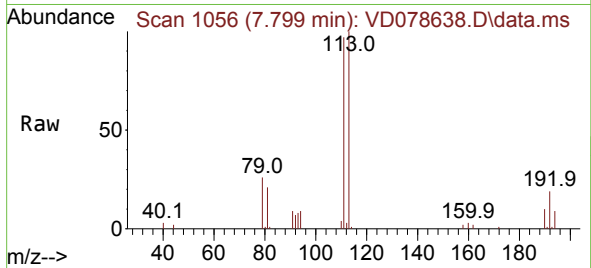




#35
 Dibromofluoromethane
 Concen: 49.762 ug/l
 RT: 7.799 min Scan# 1056
 Delta R.T. -0.011 min
 Lab File: VD078638.D
 Acq: 12 Mar 2024 15:49

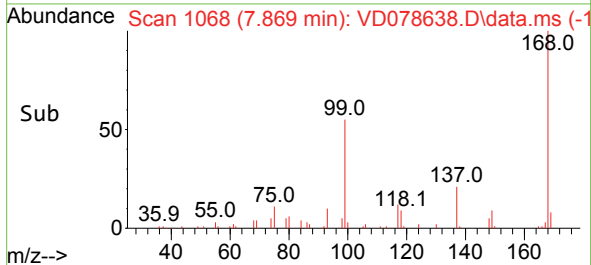
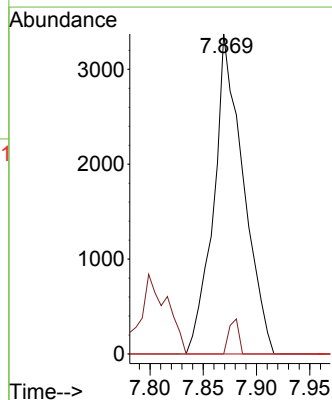
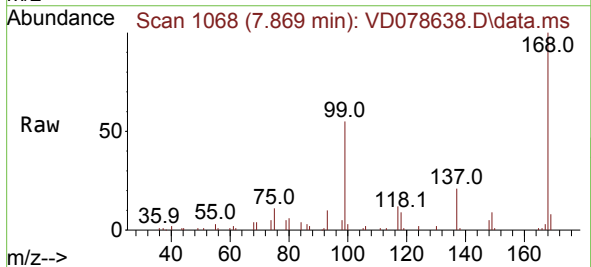
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2-VOC

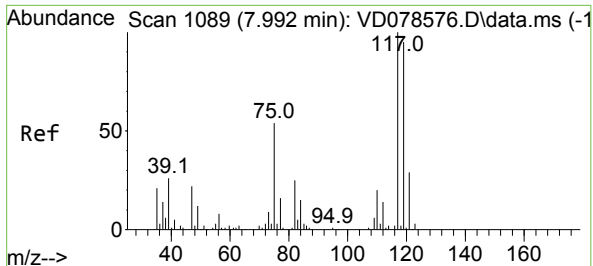
Tgt Ion:113 Resp: 60586
 Ion Ratio Lower Upper
 113 100
 111 105.2 84.7 127.1
 192 19.3 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 3.875 ug/l
 RT: 7.869 min Scan# 1068
 Delta R.T. -0.141 min
 Lab File: VD078638.D
 Acq: 12 Mar 2024 15:49

Tgt Ion: 75 Resp: 6528
 Ion Ratio Lower Upper
 75 100
 110 3.6 19.9 59.6#
 77 0.0 24.7 37.1#

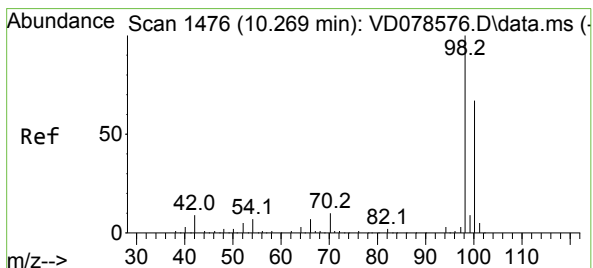
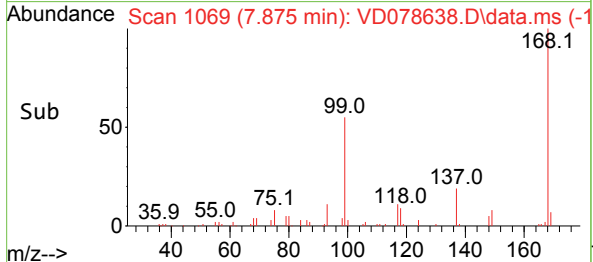
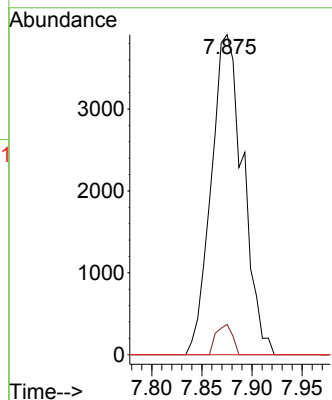
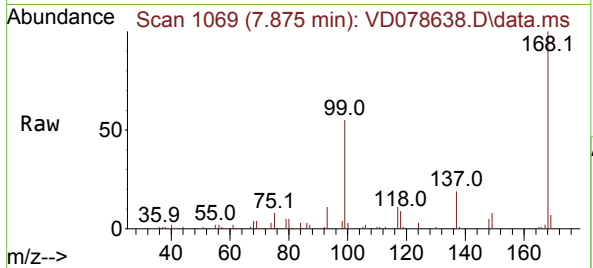




#38
Carbon Tetrachloride
Concen: 4.908 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD078638.D
Acq: 12 Mar 2024 15:49

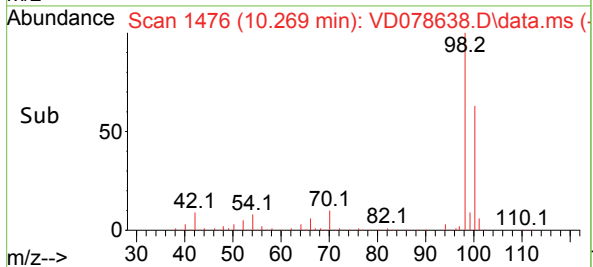
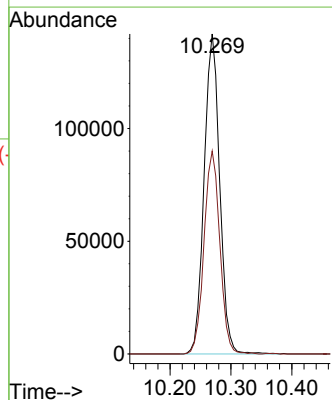
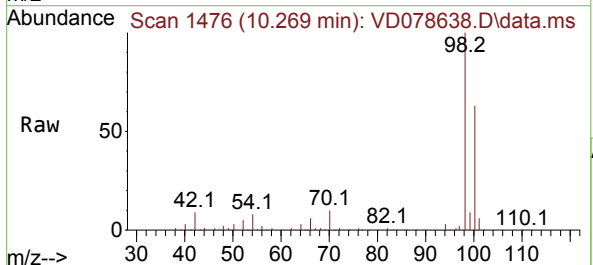
Instrument :
MSVOA_D
ClientSampleId :
WC-2-VOC

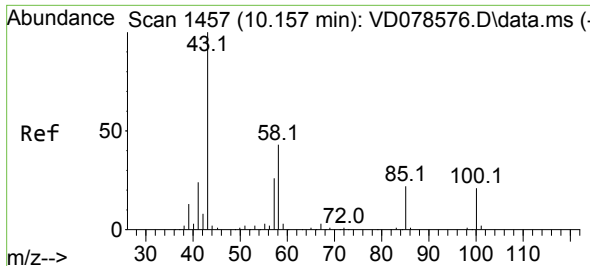
Tgt Ion:117 Resp: 8648
Ion Ratio Lower Upper
117 100
119 9.4 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.220 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078638.D
Acq: 12 Mar 2024 15:49

Tgt Ion: 98 Resp: 251785
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 1.947 ug/l

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD078638.D

Acq: 12 Mar 2024 15:49

Instrument :

MSVOA_D

ClientSampleId :

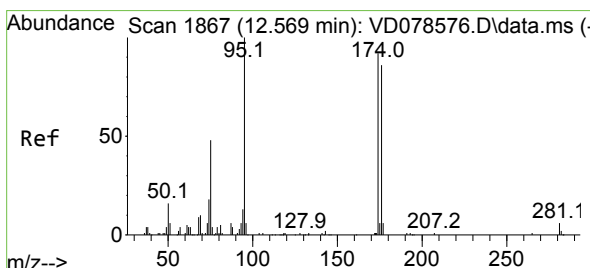
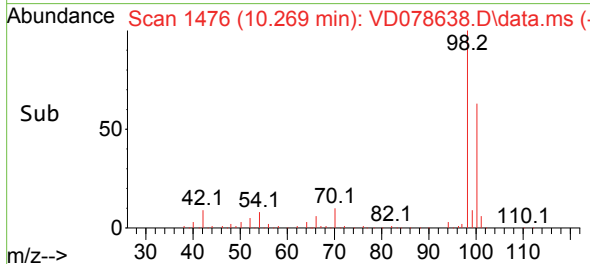
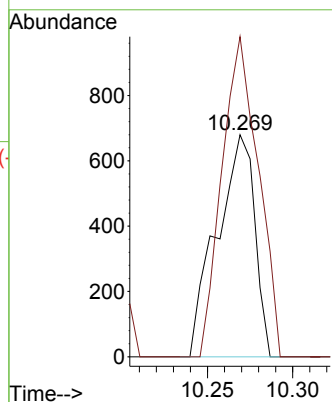
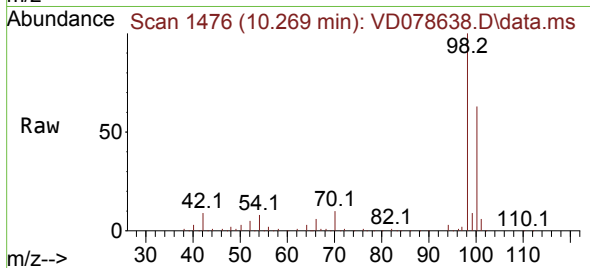
WC-2-VOC

Tgt Ion: 43 Resp: 1052

Ion Ratio Lower Upper

43 100

58 138.4 38.9 58.3#



#62

4-Bromofluorobenzene

Concen: 74.725 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078638.D

Acq: 12 Mar 2024 15:49

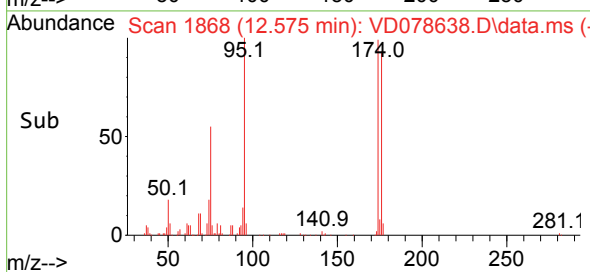
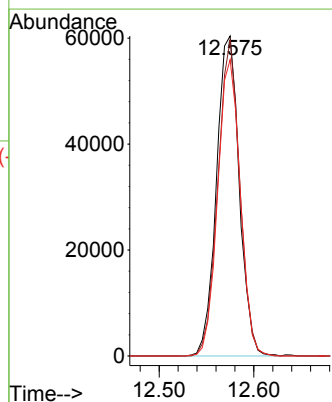
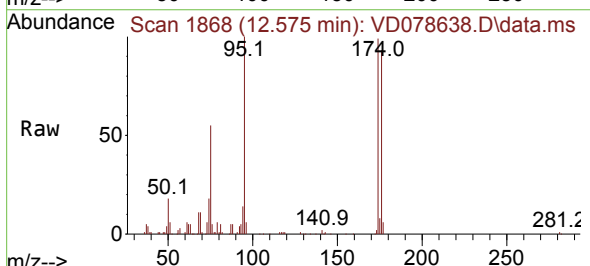
Tgt Ion: 95 Resp: 100973

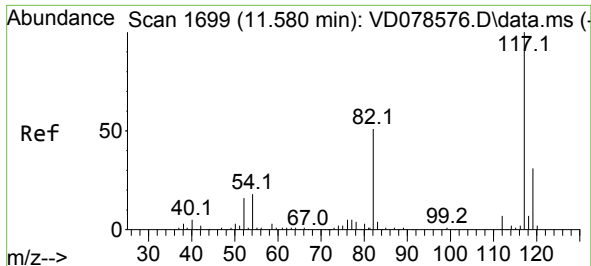
Ion Ratio Lower Upper

95 100

174 95.3 0.0 201.8

176 91.7 0.0 191.8

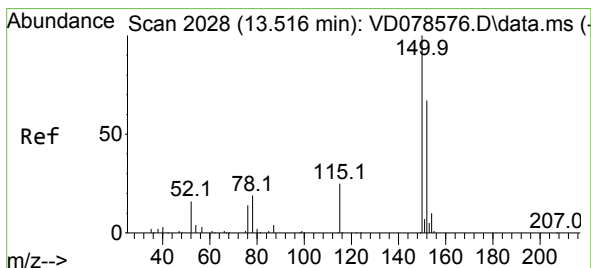
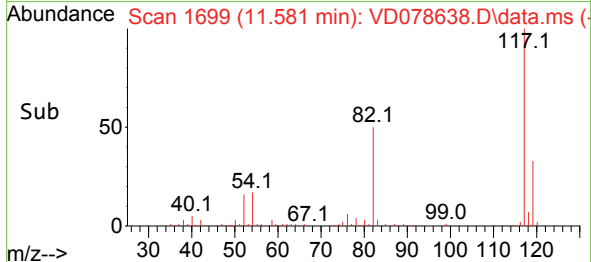
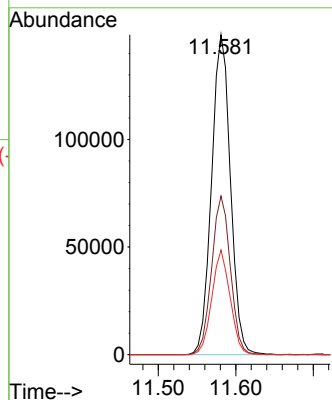
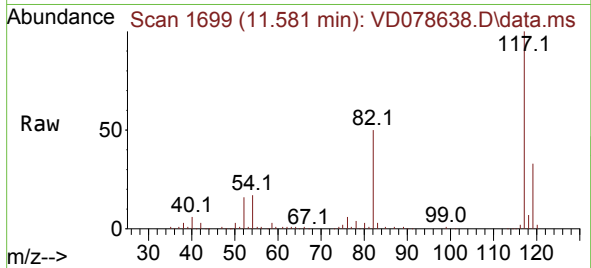




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078638.D
Acq: 12 Mar 2024 15:49

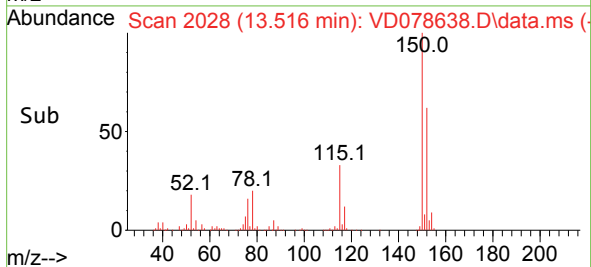
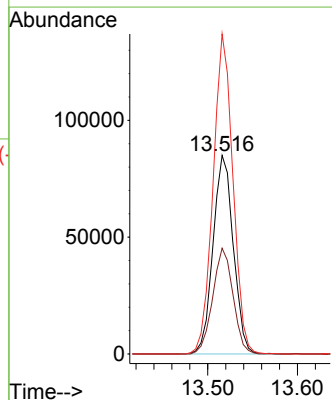
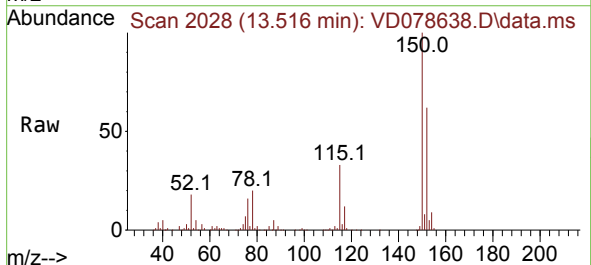
Instrument :
MSVOA_D
ClientSampleId :
WC-2-VOC

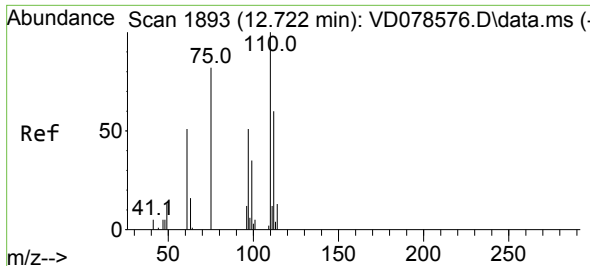
Tgt Ion:117 Resp: 252200
Ion Ratio Lower Upper
117 100
82 49.5 38.3 57.5
119 32.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078638.D
Acq: 12 Mar 2024 15:49

Tgt Ion:152 Resp: 133330
Ion Ratio Lower Upper
152 100
115 53.4 27.1 81.3
150 157.4 0.0 353.6

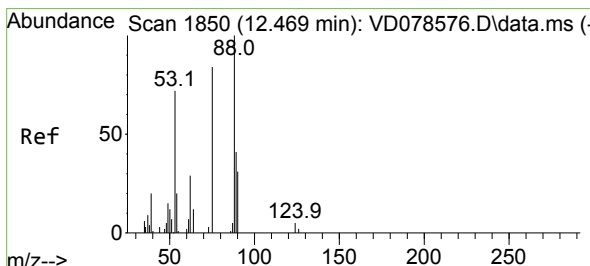
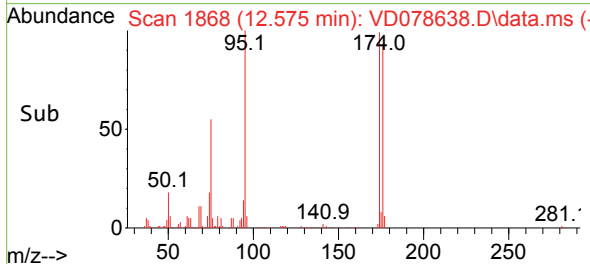
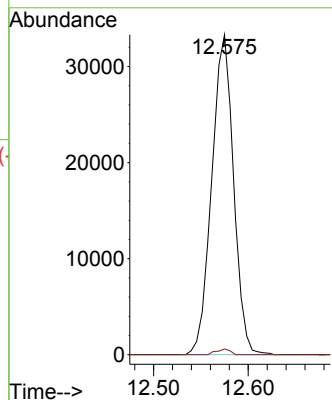
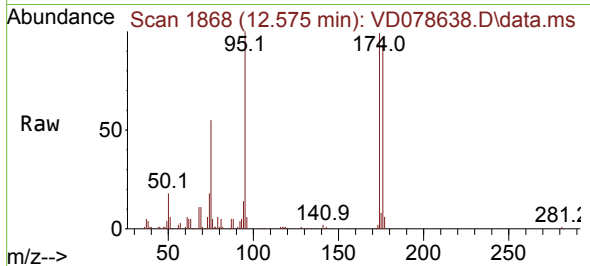




#76
1,2,3-Trichloropropane
Concen: 52.383 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078638.D
Acq: 12 Mar 2024 15:49

Instrument :
MSVOA_D
ClientSampleId :
WC-2-VOC

Tgt Ion: 75 Resp: 53342
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.124 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078638.D
Acq: 12 Mar 2024 15:49

Tgt Ion: 75 Resp: 53342
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

