

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
 Data File : VD078590.D
 Acq On : 04 Mar 2024 16:40
 Operator : RP/MD
 Sample : P1672-11
 Misc : 4.33G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5-VOC

Quant Time: Mar 05 04:15:35 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)

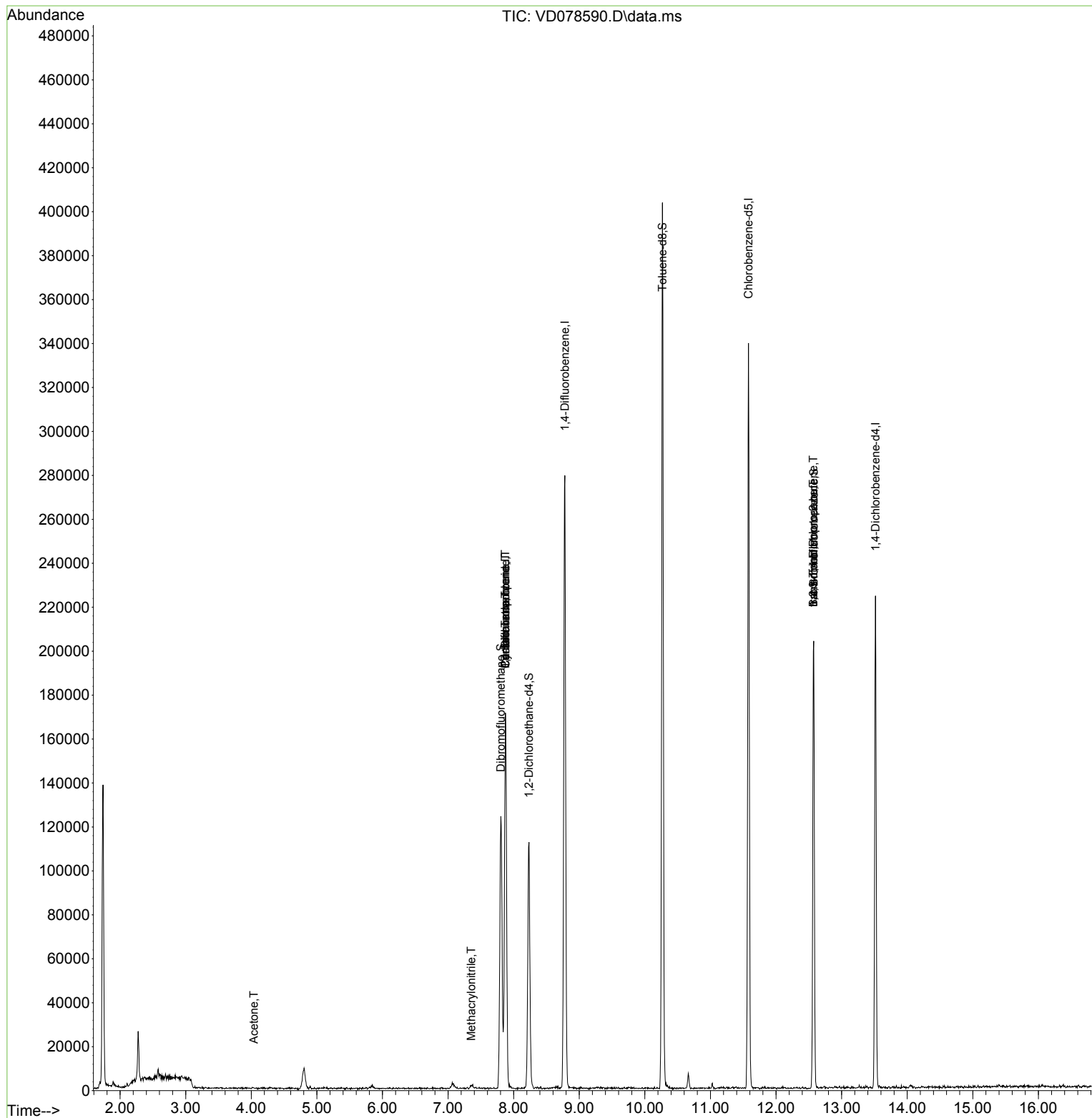
Internal Standards						
1) Pentafluorobenzene	7.875	168	130943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	261039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	200665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	61005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	84123	64.809	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.620%	
35) Dibromofluoromethane	7.804	113	90562	53.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.660%	
50) Toluene-d8	10.269	98	276168	41.855	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 83.700%	
62) 4-Bromofluorobenzene	12.575	95	62179	32.994	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 65.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	327	Below Cal	#	41
11) Tert butyl alcohol	5.052	59	71	Below Cal	#	73
16) Acetone	4.040	43	370	1.488	ug/l #	32
20) Methylene Chloride	4.805	84	7555	Below Cal	#	93
31) Cyclohexane	7.875	56	2710	1.334	ug/l #	19
36) 1,1-Dichloropropene	7.875	75	10908	4.642	ug/l #	47
38) Carbon Tetrachloride	7.875	117	12434	5.059	ug/l #	15
41) Methacrylonitrile	7.351	41	908	2.225	ug/l #	31
71) Bromoform	12.569	173	789	1.008	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	34606	74.274	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	34606	158.980	ug/l #	17

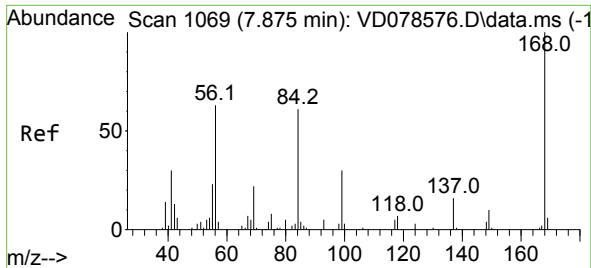
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
Data File : VD078590.D
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TP-5-VOC

Quant Time: Mar 05 04:15:35 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

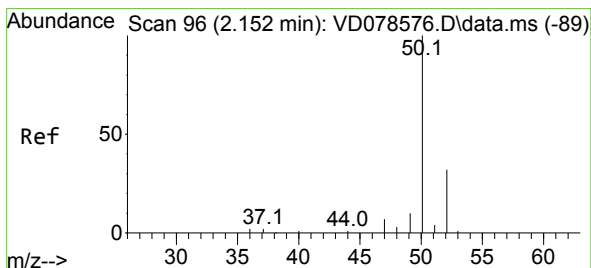
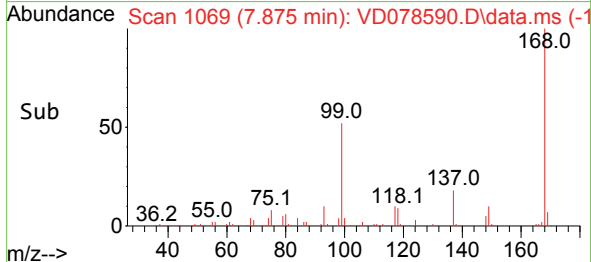
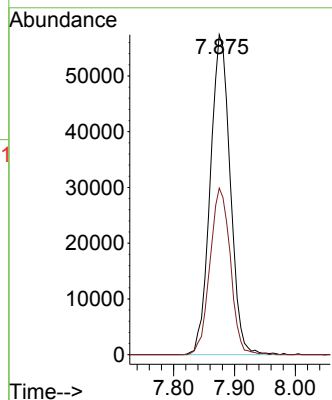
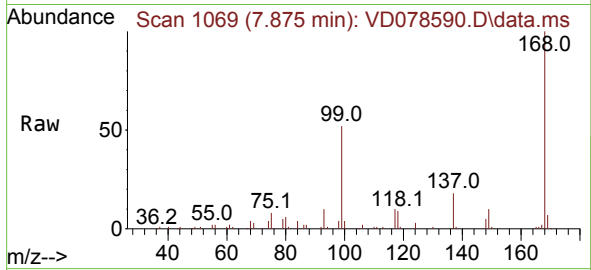




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078590.D
Acq: 04 Mar 2024 16:40

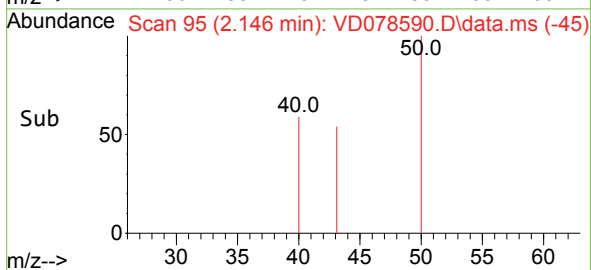
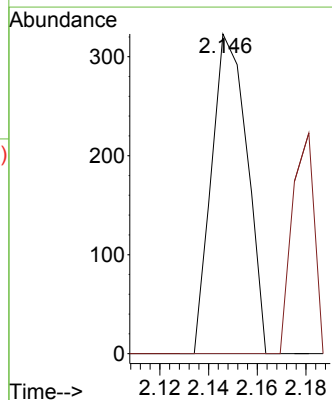
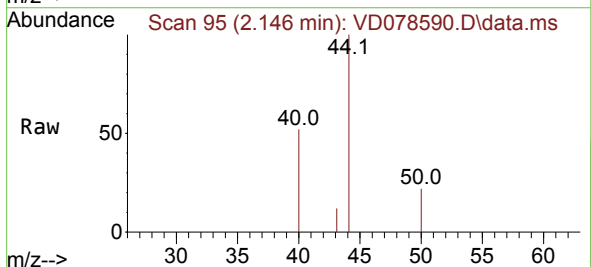
Instrument :
MSVOA_D
ClientSampleId :
TP-5-VOC

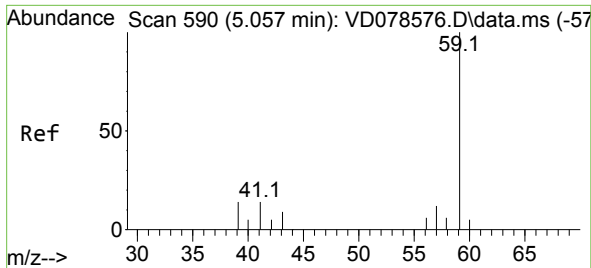
Tgt Ion:168 Resp: 130943
Ion Ratio Lower Upper
168 100
99 52.1 36.7 55.1



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD078590.D
Acq: 04 Mar 2024 16:40

Tgt Ion: 50 Resp: 327
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

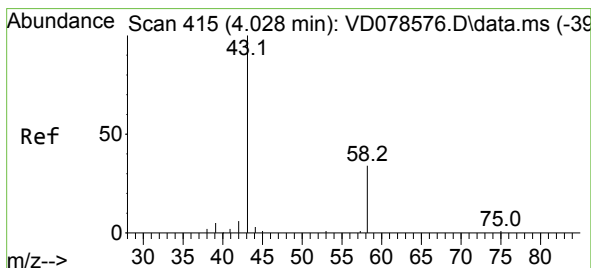
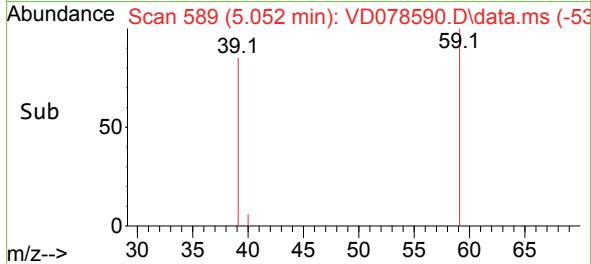
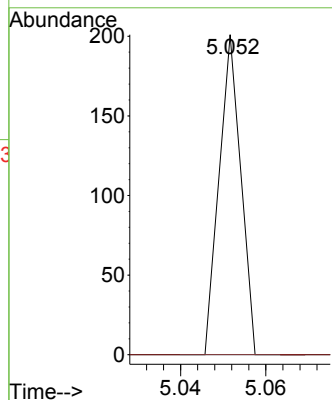
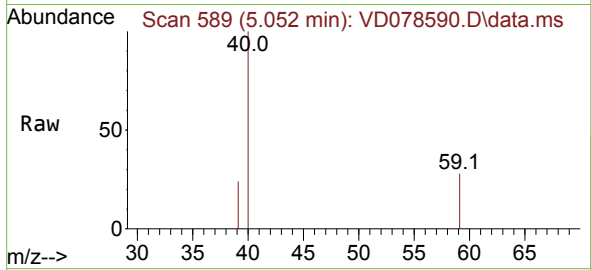




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.052 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD078590.D
Acq: 04 Mar 2024 16:40

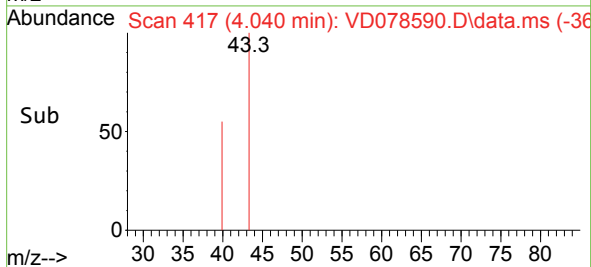
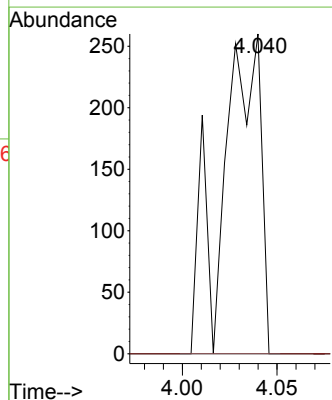
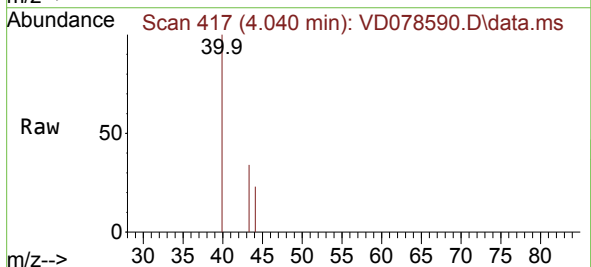
Instrument :
MSVOA_D
ClientSampleId :
TP-5-VOC

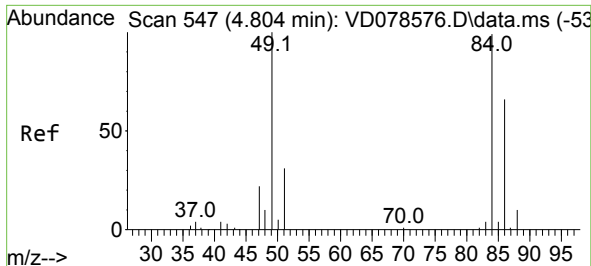
Tgt Ion: 59 Resp: 71
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 1.488 ug/l
RT: 4.040 min Scan# 417
Delta R.T. 0.012 min
Lab File: VD078590.D
Acq: 04 Mar 2024 16:40

Tgt Ion: 43 Resp: 370
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#

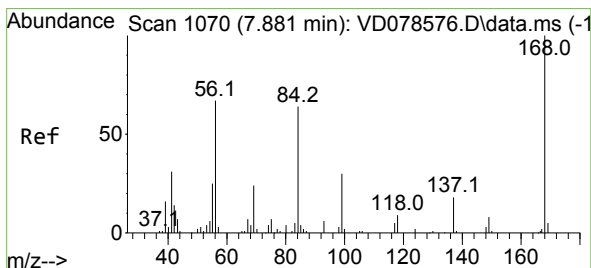
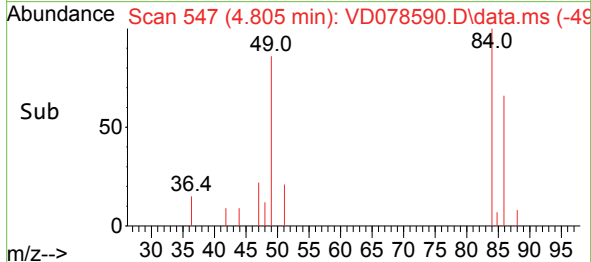
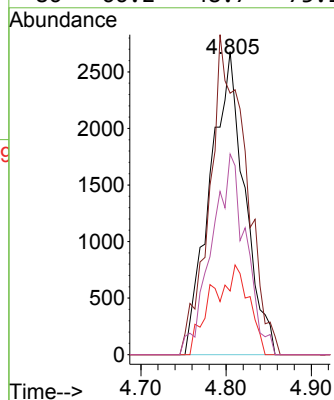
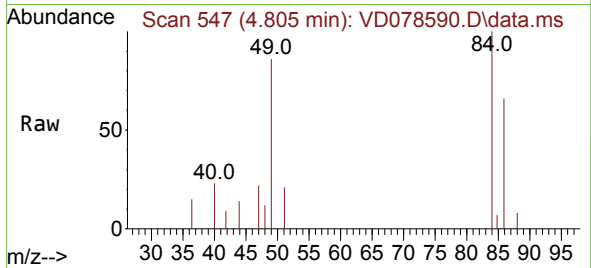




#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. 0.001 min
Lab File: VD078590.D
Acq: 04 Mar 2024 16:40

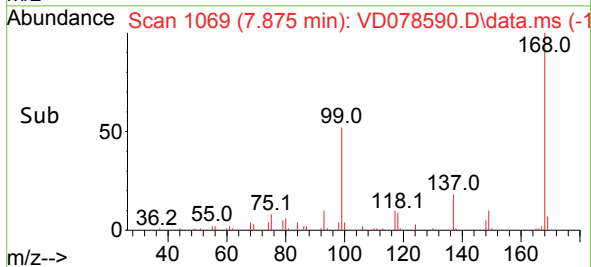
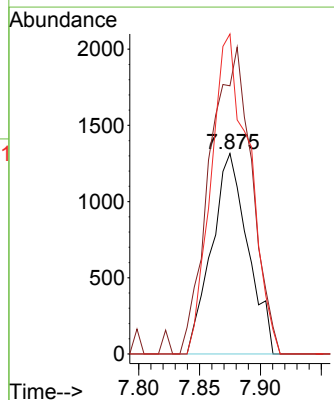
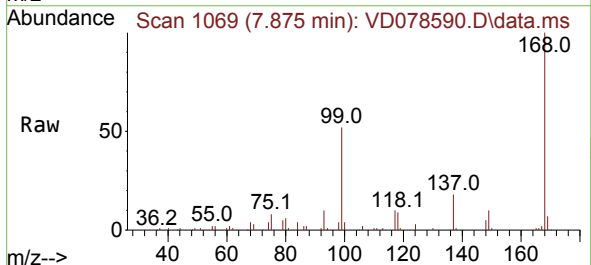
Instrument :
MSVOA_D
ClientSampleId :
TP-5-VOC

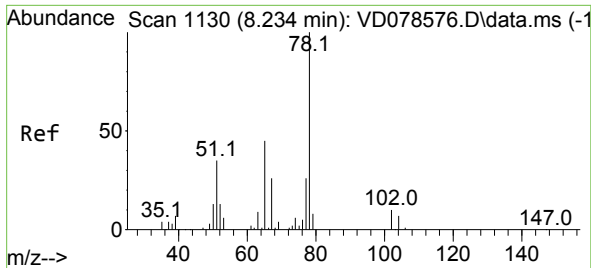
Tgt Ion: 84	Resp: 7555
Ion Ratio	Lower Upper
84 100	
49 86.3	71.4 107.2
51 21.0	24.5 36.7#
86 66.2	48.7 73.1



#31
Cyclohexane
Concen: 1.334 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078590.D
Acq: 04 Mar 2024 16:40

Tgt Ion: 56	Resp: 2710
Ion Ratio	Lower Upper
56 100	
69 133.7	28.6 43.0#
84 159.6	84.8 127.2#

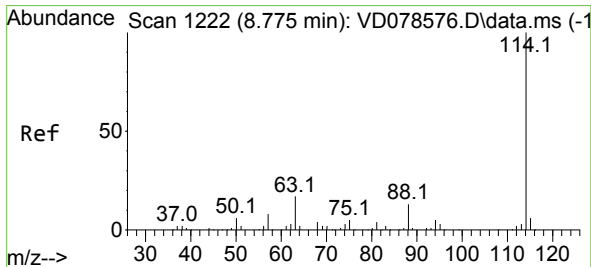
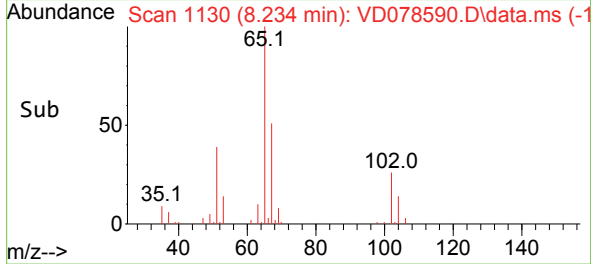
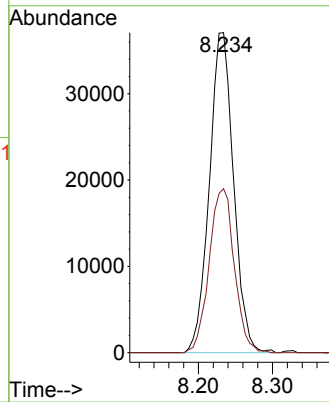
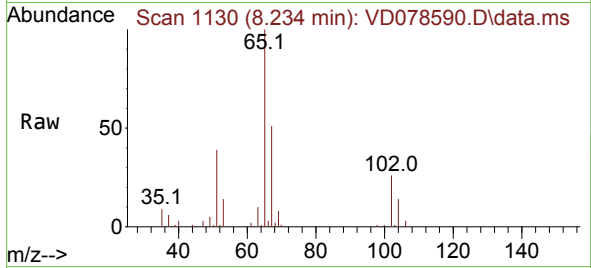




#33
1,2-Dichloroethane-d4
Concen: 64.809 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078590.D
Acq: 04 Mar 2024 16:40

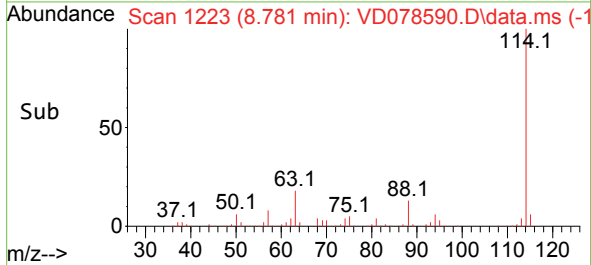
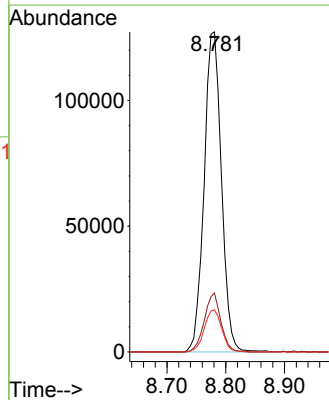
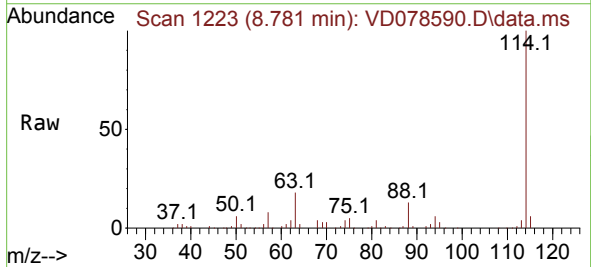
Instrument :
MSVOA_D
ClientSampleId :
TP-5-VOC

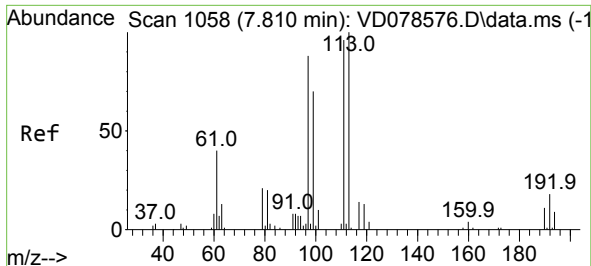
Tgt Ion: 65 Resp: 84123
Ion Ratio Lower Upper
65 100
67 53.2 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD078590.D
Acq: 04 Mar 2024 16:40

Tgt Ion: 114 Resp: 261039
Ion Ratio Lower Upper
114 100
63 18.4 0.0 33.4
88 13.2 0.0 26.2

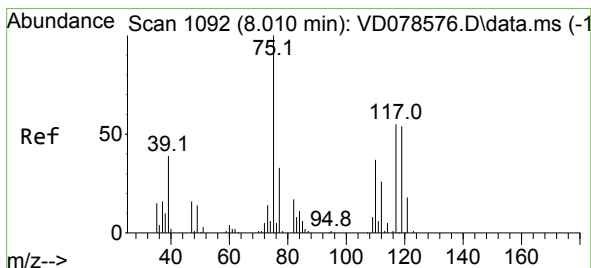
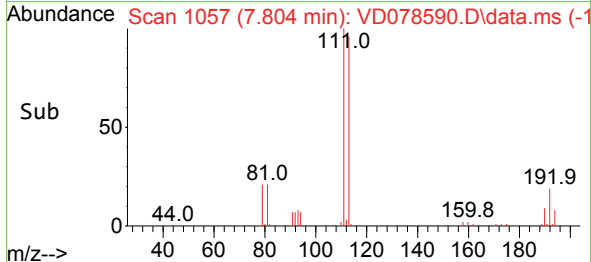
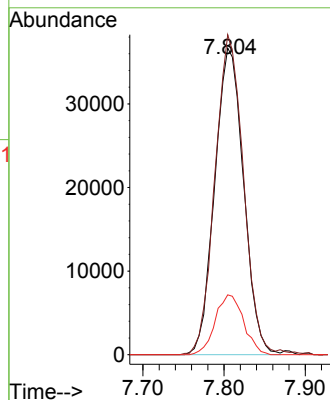
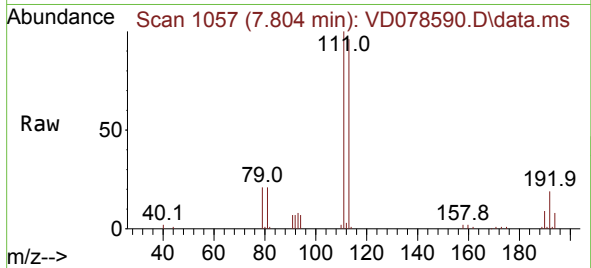




#35
Dibromofluoromethane
Concen: 53.333 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078590.D
Acq: 04 Mar 2024 16:40

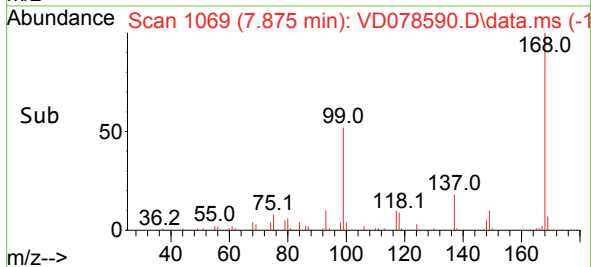
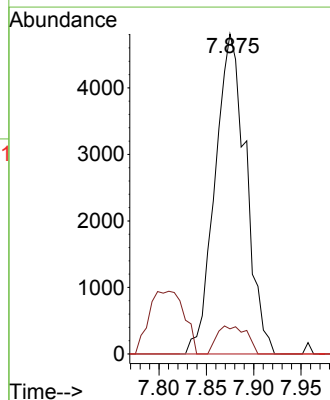
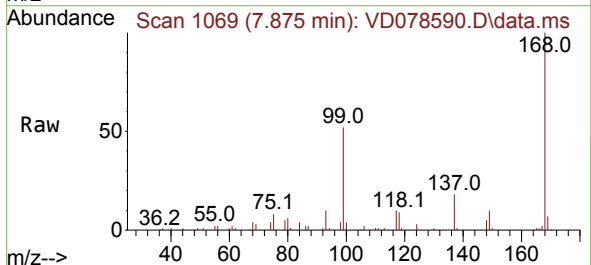
Instrument :
MSVOA_D
ClientSampleId :
TP-5-VOC

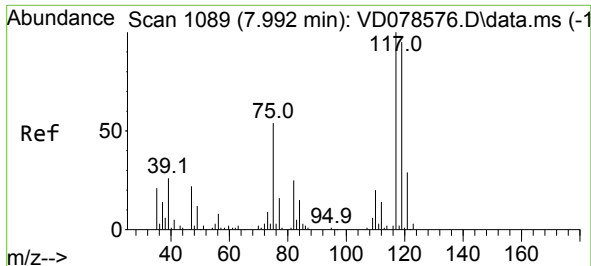
Tgt Ion:113 Resp: 90562
Ion Ratio Lower Upper
113 100
111 103.4 84.7 127.1
192 19.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.642 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078590.D
Acq: 04 Mar 2024 16:40

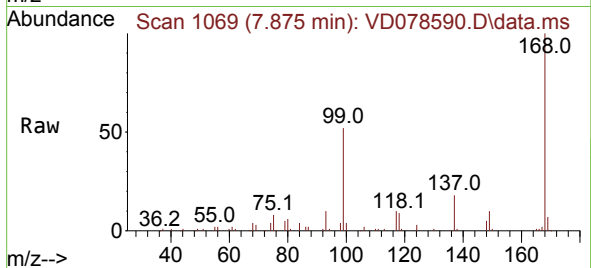
Tgt Ion: 75 Resp: 10908
Ion Ratio Lower Upper
75 100
110 8.4 19.9 59.6#
77 0.0 24.7 37.1#



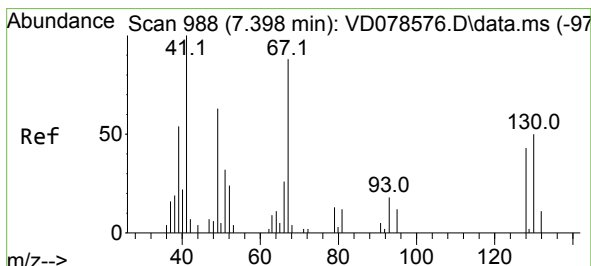
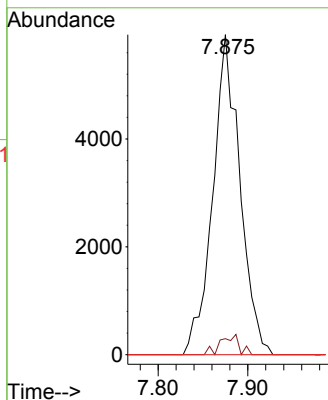
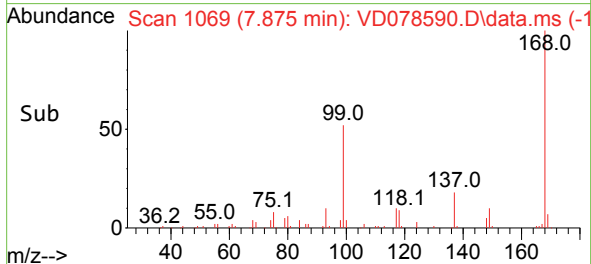


#38
Carbon Tetrachloride
Concen: 5.059 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD078590.D
Acq: 04 Mar 2024 16:40

Instrument :
MSVOA_D
ClientSampleId :
TP-5-VOC

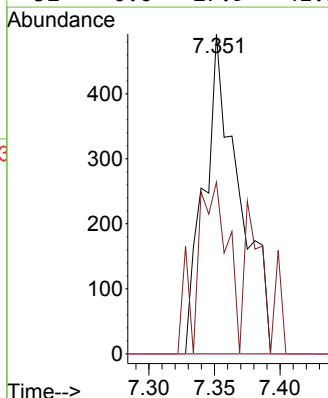
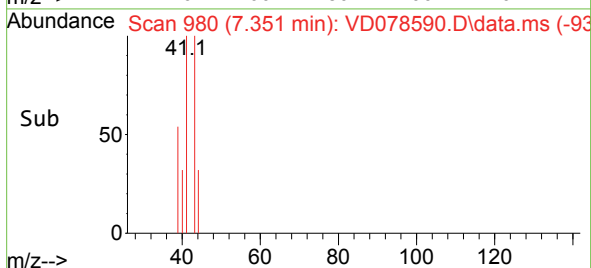
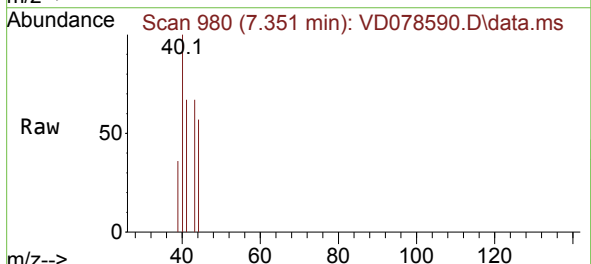


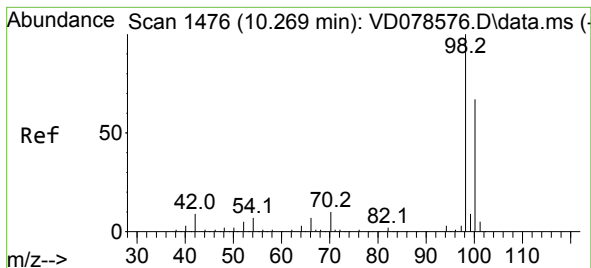
Tgt Ion:117 Resp: 12434
Ion Ratio Lower Upper
117 100
119 5.0 78.0 117.0#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 2.225 ug/l
RT: 7.351 min Scan# 980
Delta R.T. -0.047 min
Lab File: VD078590.D
Acq: 04 Mar 2024 16:40

Tgt Ion: 41 Resp: 908
Ion Ratio Lower Upper
41 100
39 48.1 34.0 51.0
67 0.0 77.0 115.4#
52 0.0 27.9 41.9#





#50

Toluene-d8

Concen: 41.855 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078590.D

Acq: 04 Mar 2024 16:40

Instrument :

MSVOA_D

ClientSampleId :

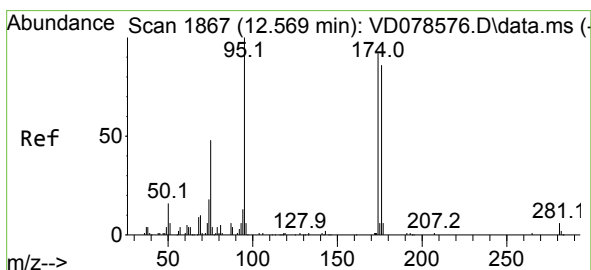
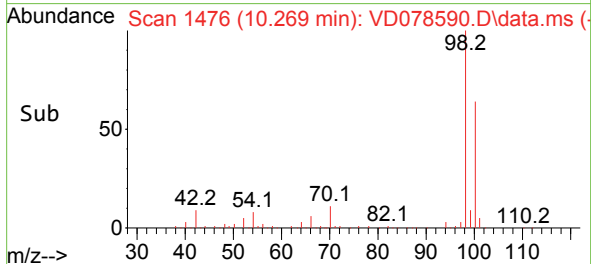
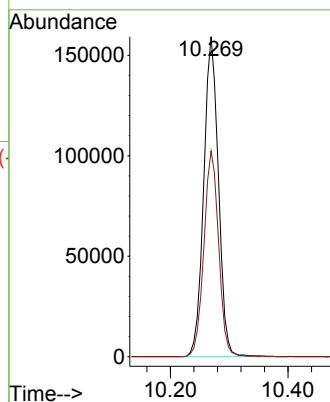
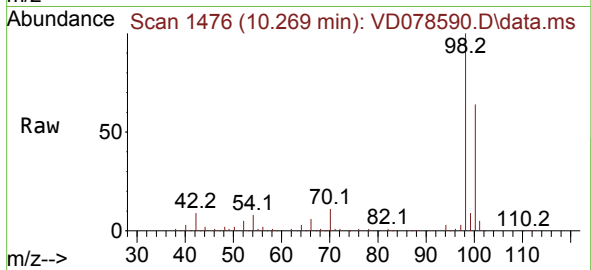
TP-5-VOC

Tgt Ion: 98 Resp: 276168

Ion Ratio Lower Upper

98 100

100 64.3 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 32.994 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078590.D

Acq: 04 Mar 2024 16:40

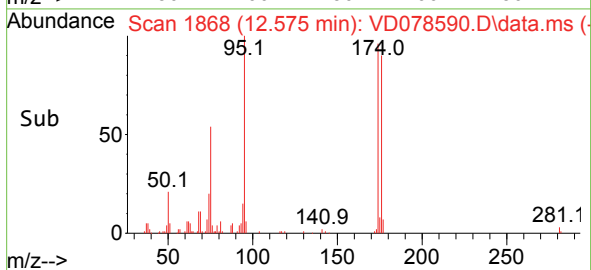
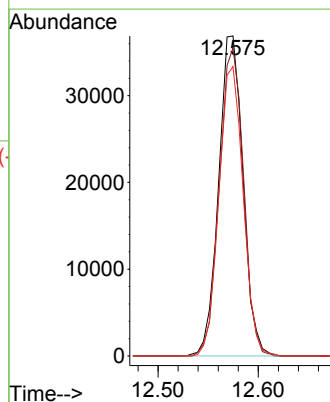
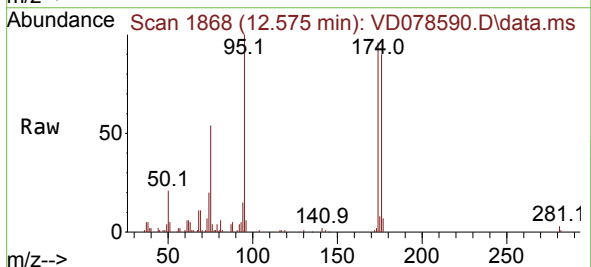
Tgt Ion: 95 Resp: 62179

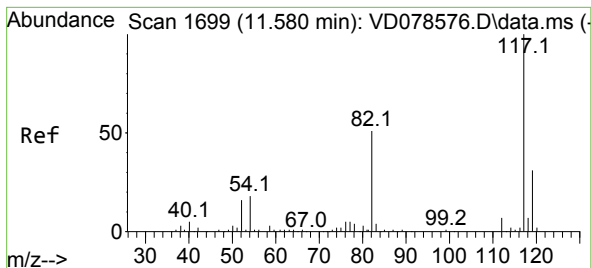
Ion Ratio Lower Upper

95 100

174 95.4 0.0 201.8

176 90.1 0.0 191.8

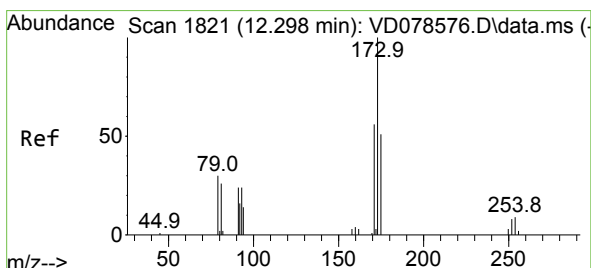
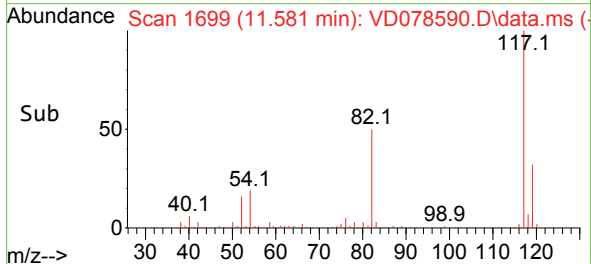
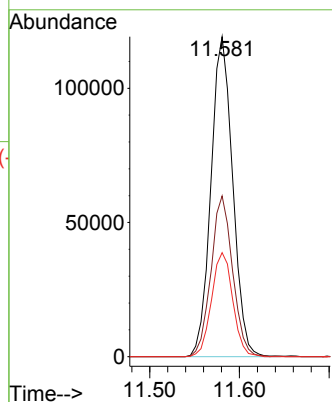
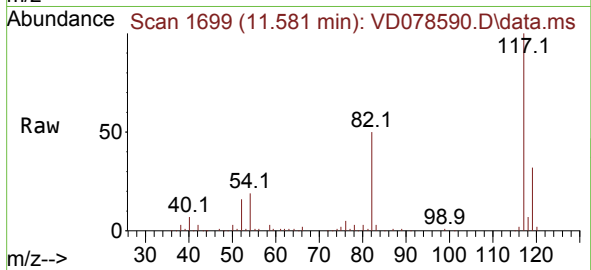




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078590.D
Acq: 04 Mar 2024 16:40

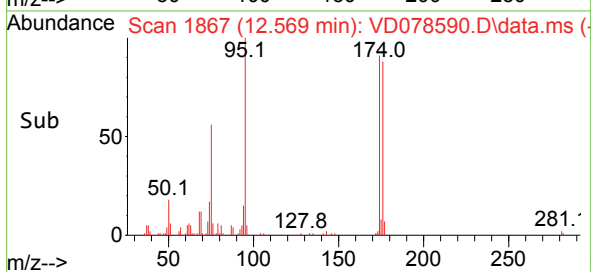
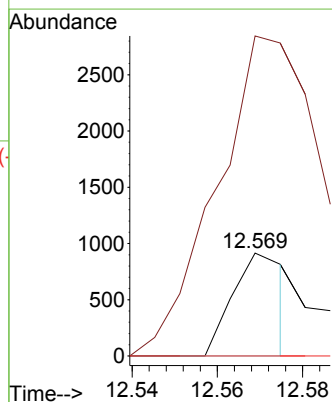
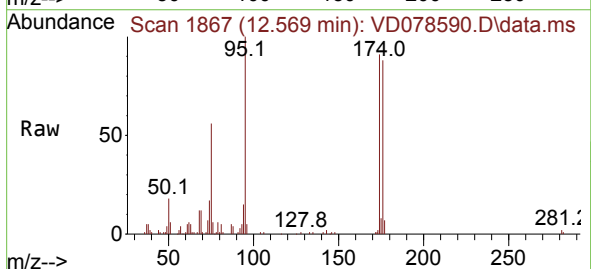
Instrument :
MSVOA_D
ClientSampleId :
TP-5-VOC

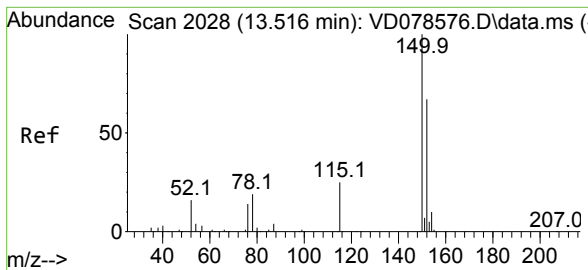
Tgt Ion:117 Resp: 200665
Ion Ratio Lower Upper
117 100
82 50.3 38.3 57.5
119 32.5 25.0 37.4



#71
Bromoform
Concen: 1.008 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.271 min
Lab File: VD078590.D
Acq: 04 Mar 2024 16:40

Tgt Ion:173 Resp: 789
Ion Ratio Lower Upper
173 100
175 418.9 24.6 73.8#
254 0.0 0.0 0.0

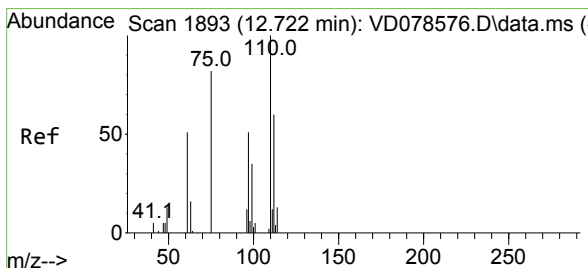
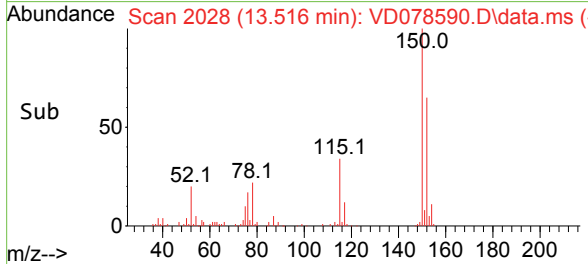
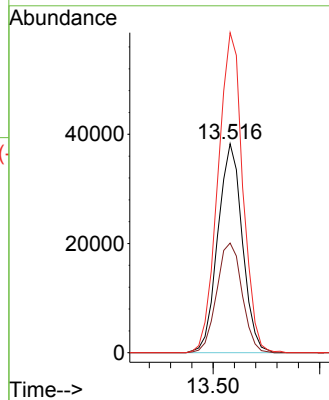
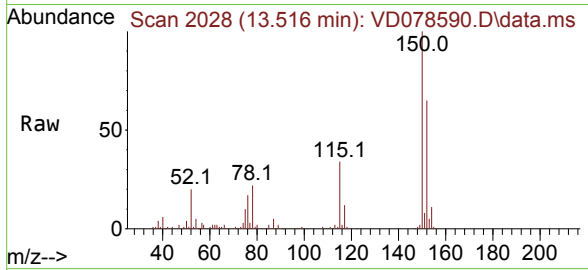




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078590.D
 Acq: 04 Mar 2024 16:40

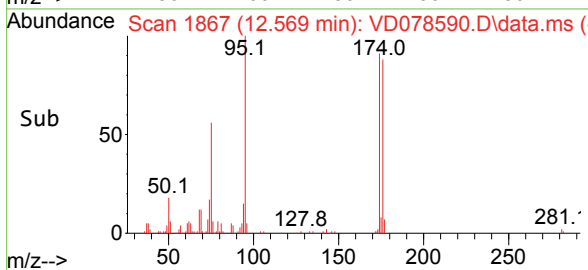
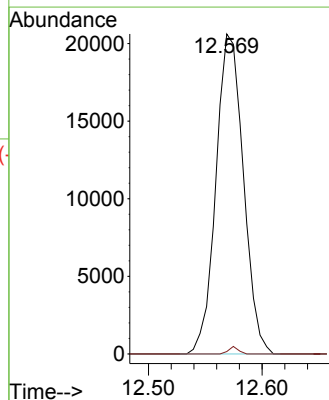
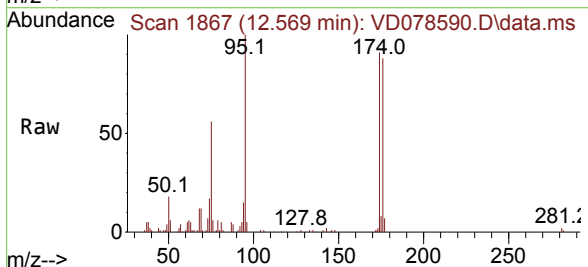
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5-VOC

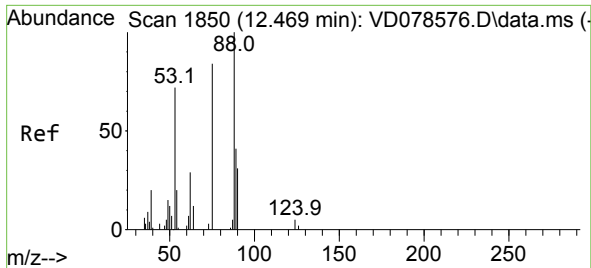
Tgt Ion:152 Resp: 61005
 Ion Ratio Lower Upper
 152 100
 115 54.2 27.1 81.3
 150 155.4 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 74.274 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD078590.D
 Acq: 04 Mar 2024 16:40

Tgt Ion: 75 Resp: 34606
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 158.980 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD078590.D
 Acq: 04 Mar 2024 16:40

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5-VOC

Tgt Ion: 75 Resp: 34606
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 37.9 56.9#

