

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
 Data File : VD078593.D
 Acq On : 04 Mar 2024 18:03
 Operator : RP/MD
 Sample : P1669-03
 Misc : 3.78G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-VOC

Quant Time: Mar 05 04:16:39 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)

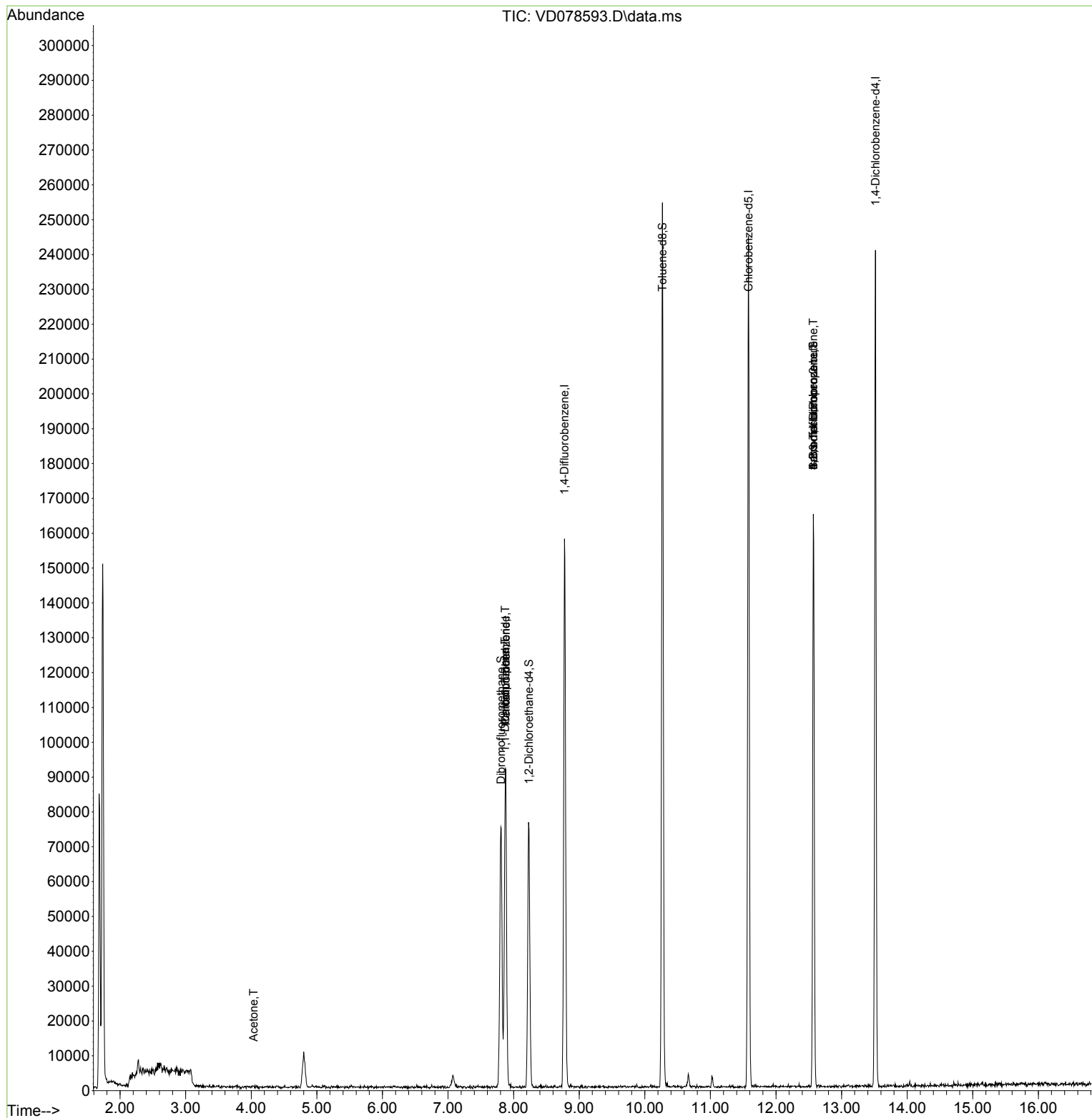
Internal Standards						
1) Pentafluorobenzene	7.881	168	73315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	142823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	145828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	64211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58818	80.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 161.860%	
35) Dibromofluoromethane	7.810	113	53754	57.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.720%	
50) Toluene-d8	10.269	98	176740	48.957	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.920%	
62) 4-Bromofluorobenzene	12.569	95	49047	47.567	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	148	Below Cal	#	1
16) Acetone	4.034	43	866	6.220	ug/l #	32
20) Methylene Chloride	4.805	84	7927	Below Cal		90
36) 1,1-Dichloropropene	7.869	75	6077	4.727	ug/l #	47
38) Carbon Tetrachloride	7.875	117	7121	5.296	ug/l #	11
71) Bromoform	12.569	173	648	1.139	ug/l #	28
76) 1,2,3-Trichloropropane	12.569	75	26135	53.293	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	26135	114.069	ug/l #	17

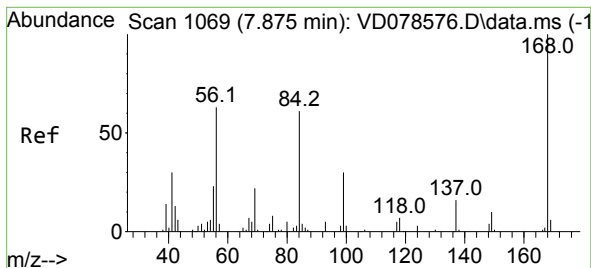
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
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TP-14-VOC

Quant Time: Mar 05 04:16:39 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: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD078593.D

Acq: 04 Mar 2024 18:03

Instrument :

MSVOA_D

ClientSampleId :

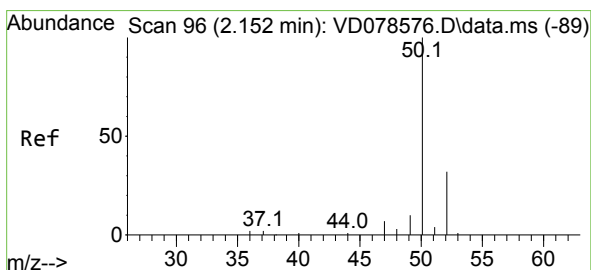
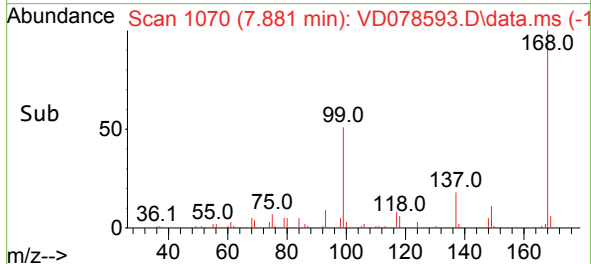
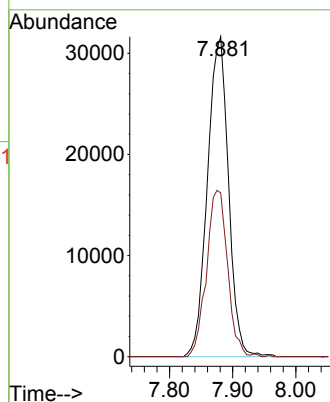
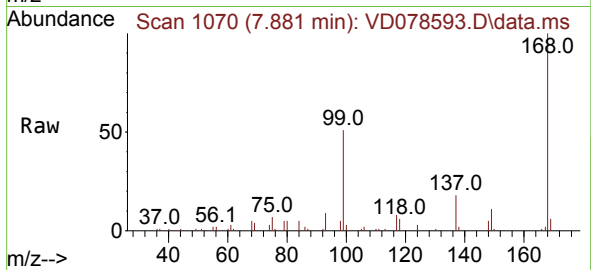
TP-14-VOC

Tgt Ion:168 Resp: 73315

Ion Ratio Lower Upper

168 100

99 51.2 36.7 55.1



#3

Chloromethane

Concen: Below Cal

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD078593.D

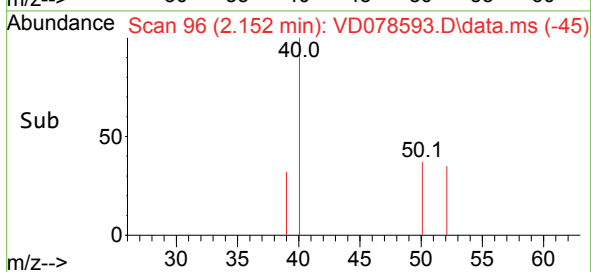
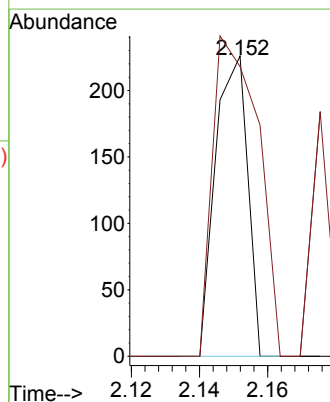
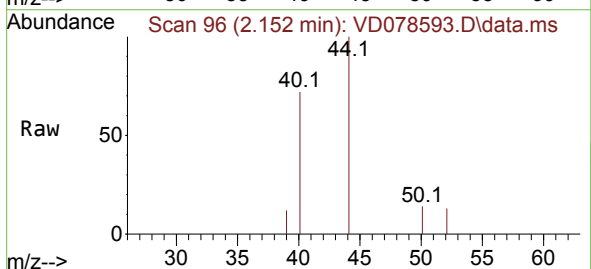
Acq: 04 Mar 2024 18:03

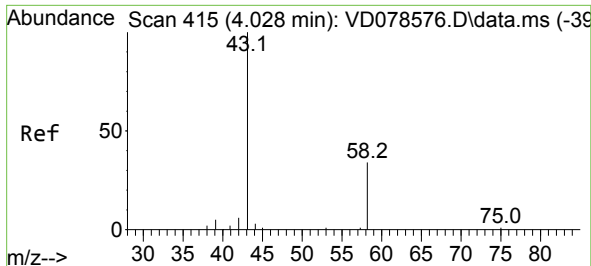
Tgt Ion: 50 Resp: 148

Ion Ratio Lower Upper

50 100

52 96.5 26.6 40.0#





#16

Acetone

Concen: 6.220 ug/l

RT: 4.034 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD078593.D

Acq: 04 Mar 2024 18:03

Instrument :

MSVOA_D

ClientSampleId :

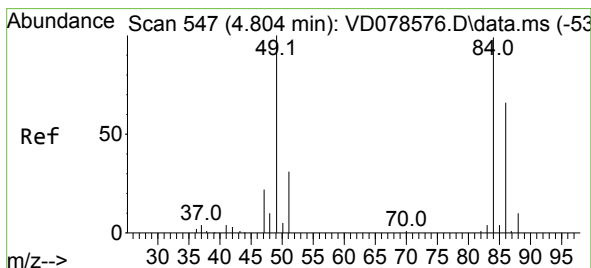
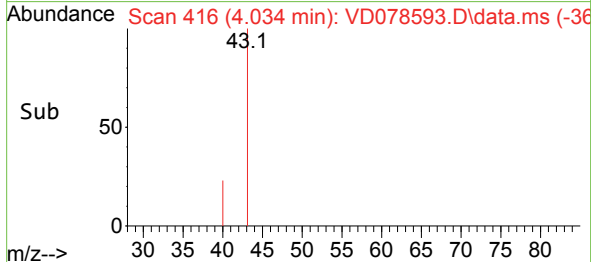
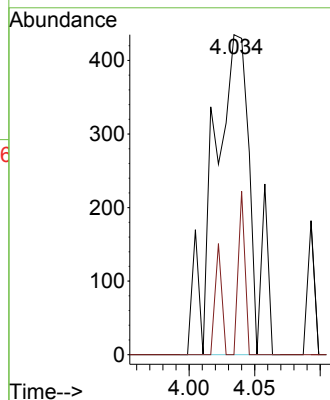
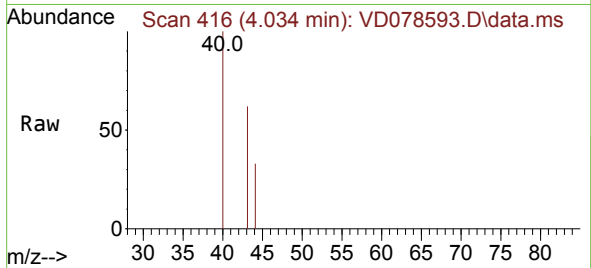
TP-14-VOC

Tgt Ion: 43 Resp: 866

Ion Ratio Lower Upper

43 100

58 0.0 34.7 52.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.805 min Scan# 547

Delta R.T. 0.001 min

Lab File: VD078593.D

Acq: 04 Mar 2024 18:03

Tgt Ion: 84 Resp: 7927

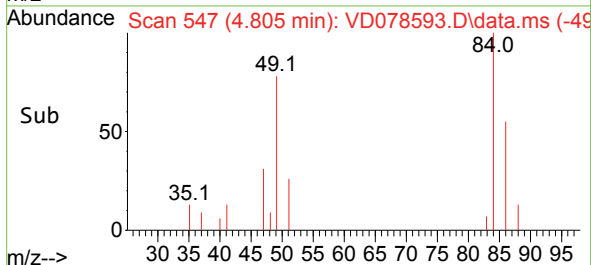
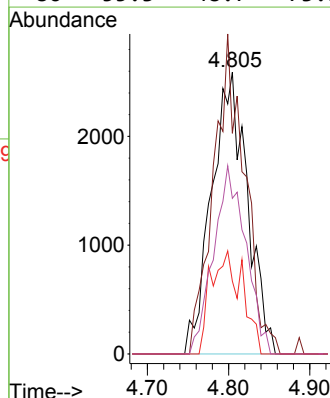
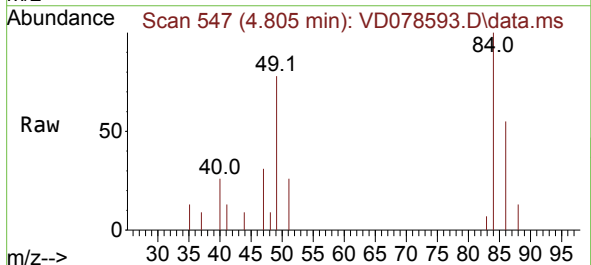
Ion Ratio Lower Upper

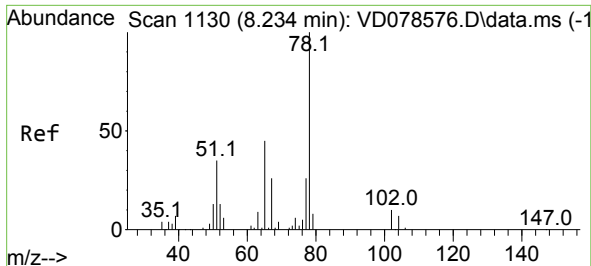
84 100

49 78.3 71.4 107.2

51 25.9 24.5 36.7

86 55.3 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 80.931 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078593.D

Acq: 04 Mar 2024 18:03

Instrument :

MSVOA_D

ClientSampleId :

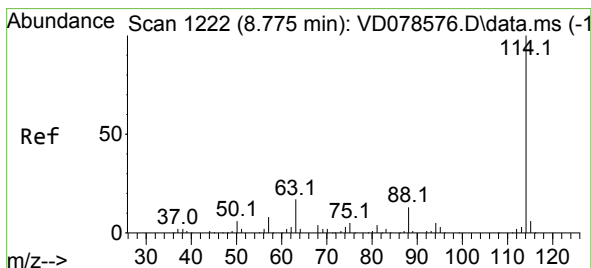
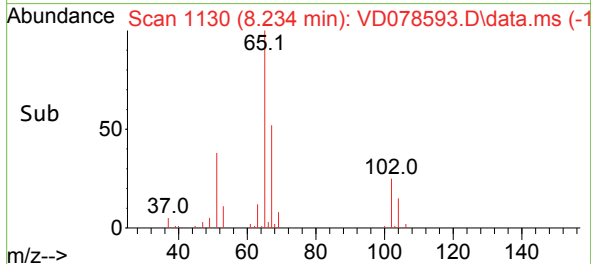
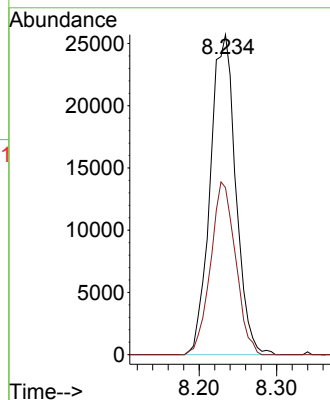
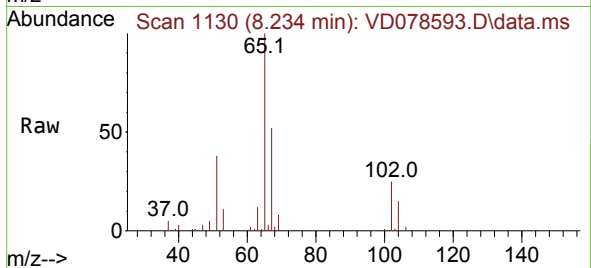
TP-14-VOC

Tgt Ion: 65 Resp: 58818

Ion Ratio Lower Upper

65 100

67 52.9 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: VD078593.D

Acq: 04 Mar 2024 18:03

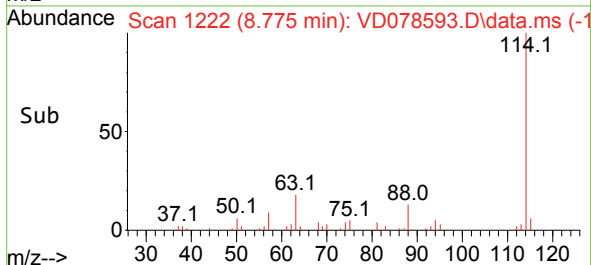
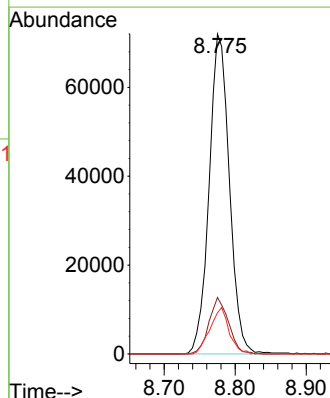
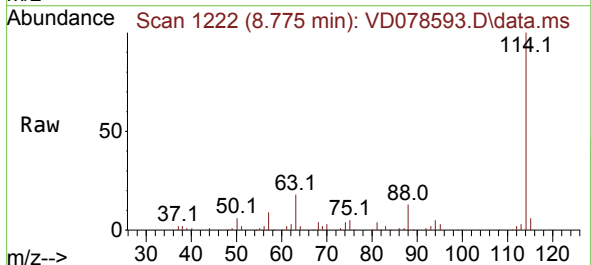
Tgt Ion: 114 Resp: 142823

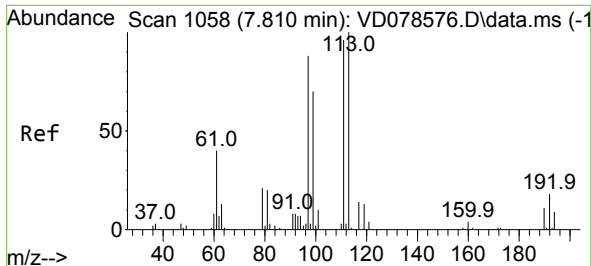
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 12.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 57.859 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078593.D

Acq: 04 Mar 2024 18:03

Instrument :

MSVOA_D

ClientSampleId :

TP-14-VOC

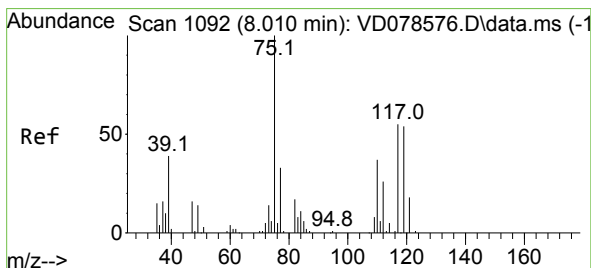
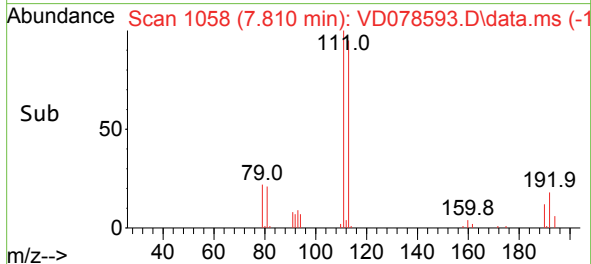
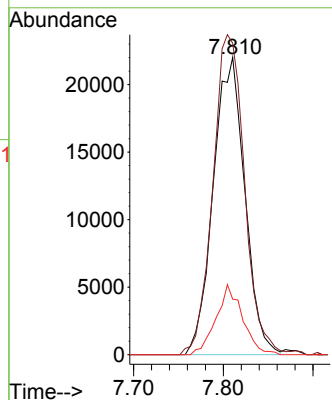
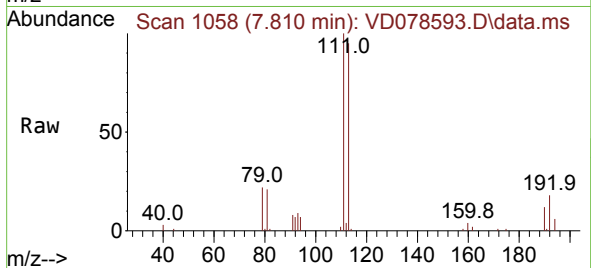
Tgt Ion:113 Resp: 53754

Ion Ratio Lower Upper

113 100

111 108.1 84.7 127.1

192 19.8 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.727 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD078593.D

Acq: 04 Mar 2024 18:03

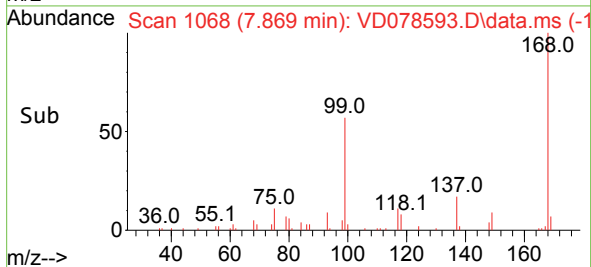
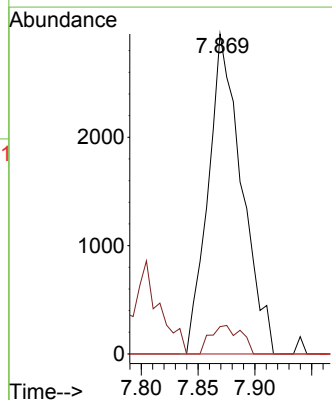
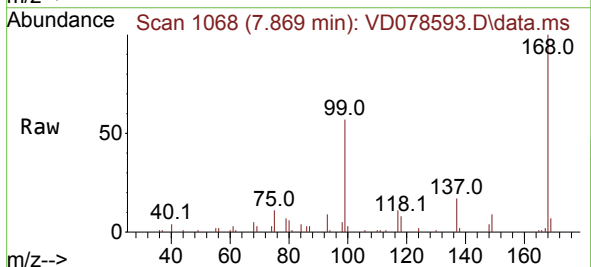
Tgt Ion: 75 Resp: 6077

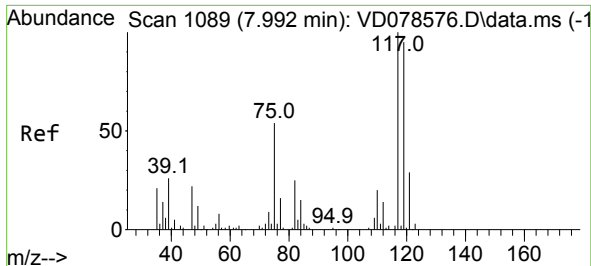
Ion Ratio Lower Upper

75 100

110 8.1 19.9 59.6#

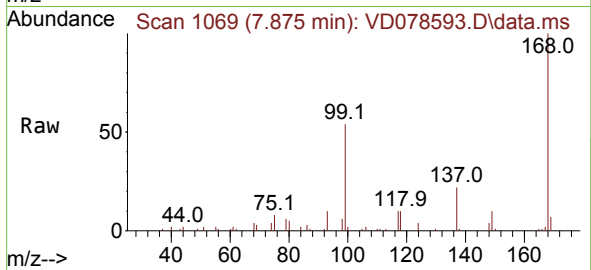
77 0.0 24.7 37.1#



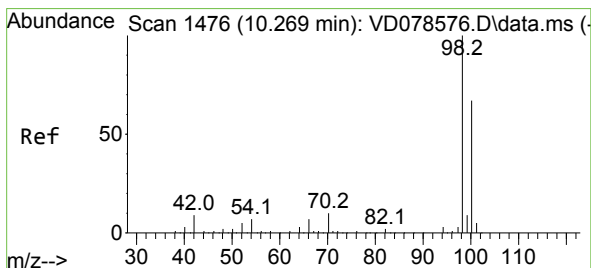
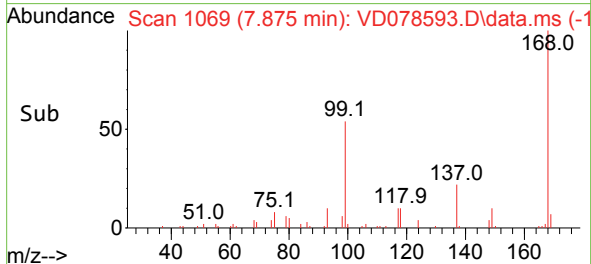
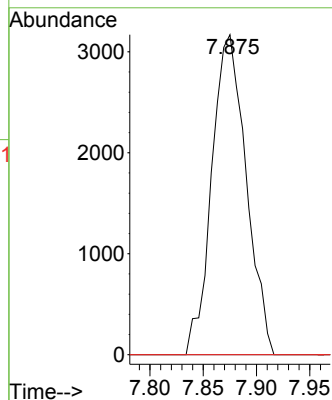


#38
Carbon Tetrachloride
Concen: 5.296 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD078593.D
Acq: 04 Mar 2024 18:03

Instrument :
MSVOA_D
ClientSampleId :
TP-14-VOC

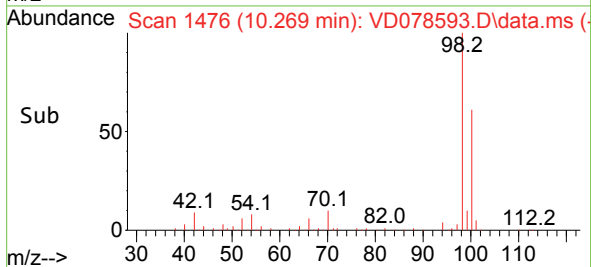
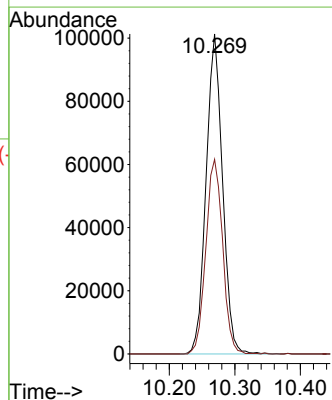
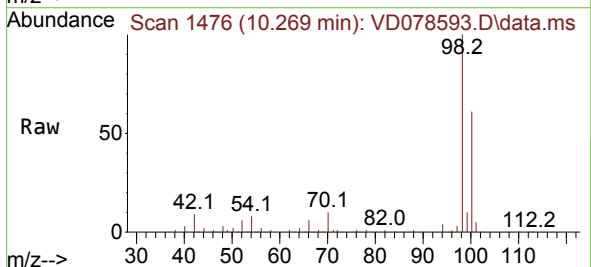


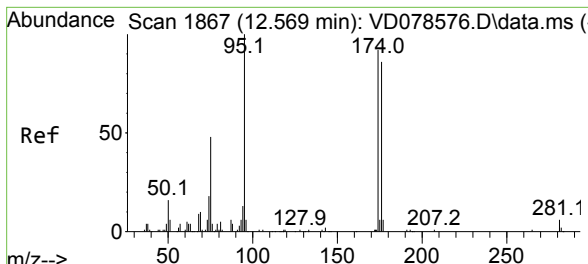
Tgt Ion:117 Resp: 7121
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.957 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078593.D
Acq: 04 Mar 2024 18:03

Tgt Ion: 98 Resp: 176740
Ion Ratio Lower Upper
98 100
100 62.3 50.3 75.5

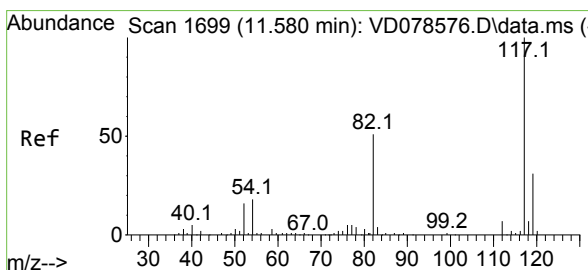
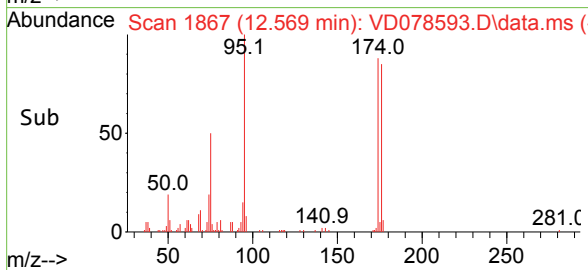
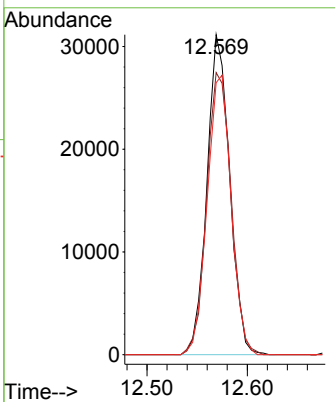
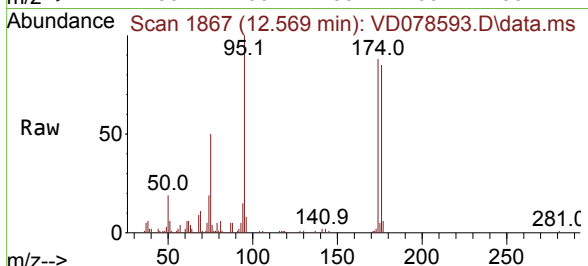




#62
 4-Bromofluorobenzene
 Concen: 47.567 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VD078593.D
 Acq: 04 Mar 2024 18:03

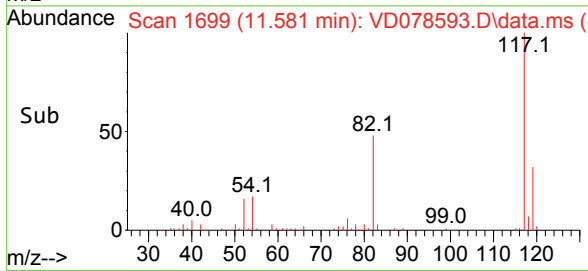
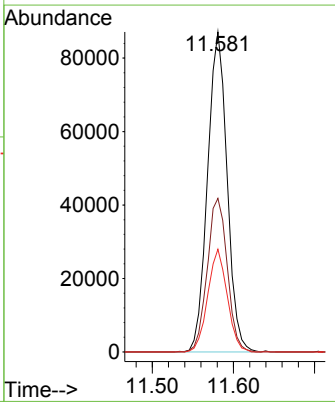
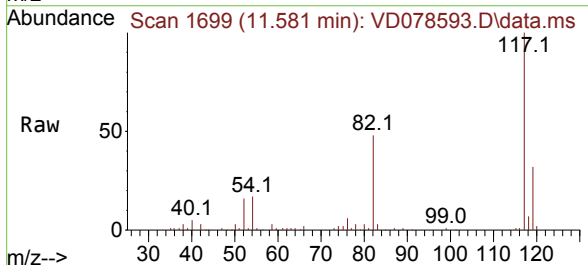
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-VOC

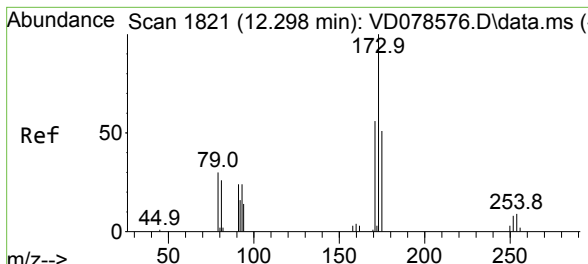
Tgt Ion:	95	Resp:	49047
Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	201.8
176	91.9	0.0	191.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. 0.000 min
 Lab File: VD078593.D
 Acq: 04 Mar 2024 18:03

Tgt Ion:	117	Resp:	145828
Ion	Ratio	Lower	Upper
117	100		
82	48.0	38.3	57.5
119	32.1	25.0	37.4

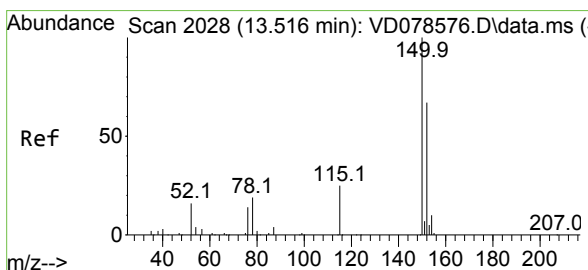
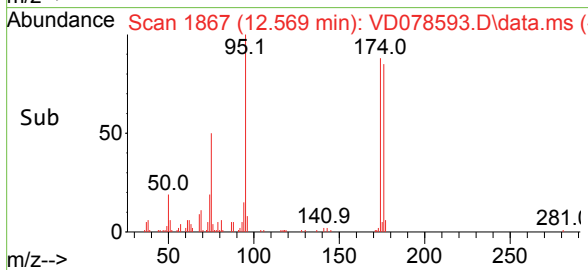
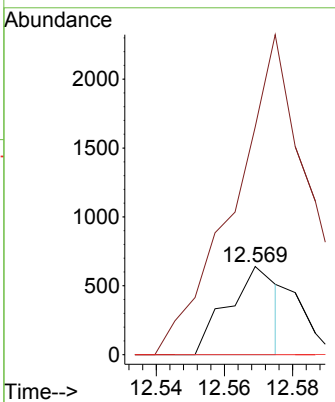
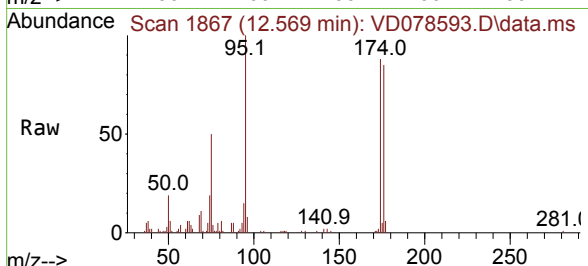




#71
 Bromoform
 Concen: 1.139 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. 0.271 min
 Lab File: VD078593.D
 Acq: 04 Mar 2024 18:03

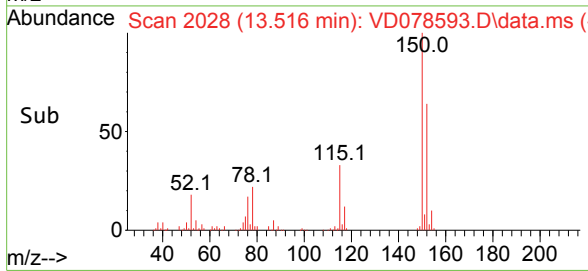
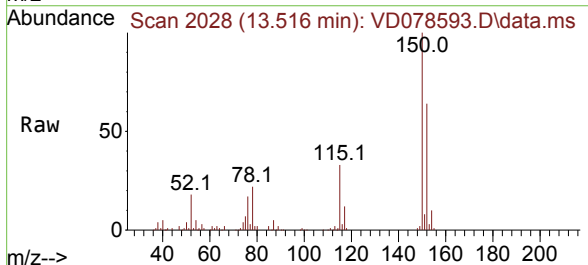
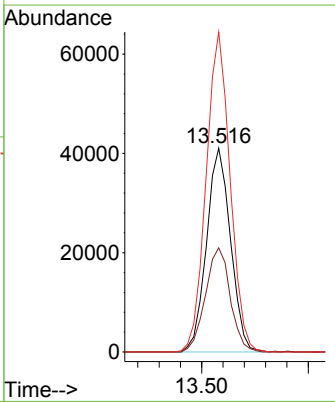
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-VOC

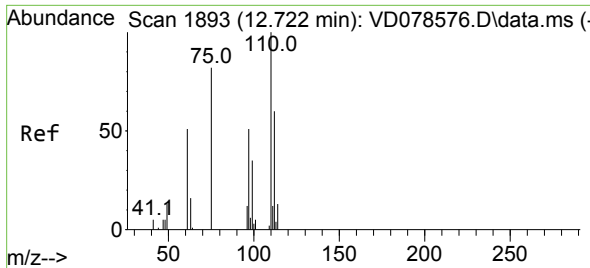
Tgt Ion:	173	Resp:	648
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.6	73.8#
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD078593.D
 Acq: 04 Mar 2024 18:03

Tgt Ion:	152	Resp:	64211
Ion Ratio	Lower	Upper	
152	100		
115	52.8	27.1	81.3
150	156.6	0.0	353.6

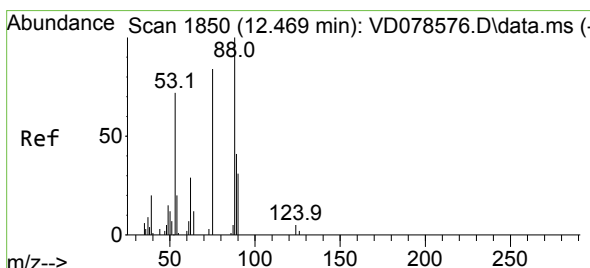
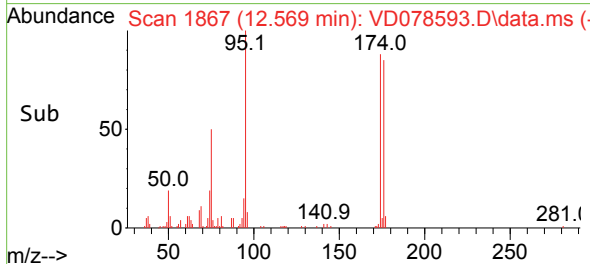
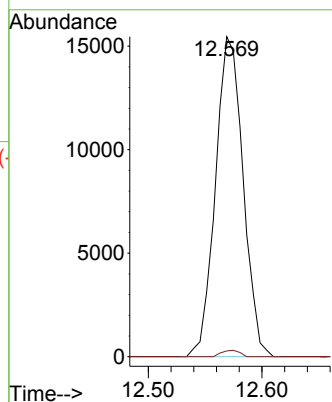
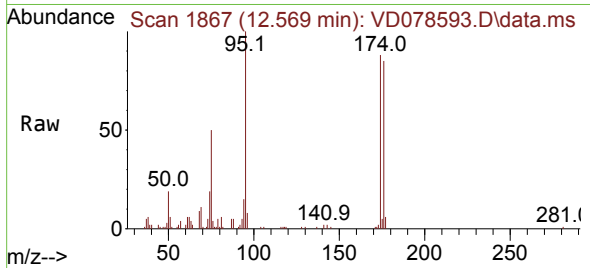




#76
1,2,3-Trichloropropane
Concen: 53.293 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD078593.D
Acq: 04 Mar 2024 18:03

Instrument :
MSVOA_D
ClientSampleId :
TP-14-VOC

Tgt Ion: 75 Resp: 26135
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.069 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078593.D
Acq: 04 Mar 2024 18:03

Tgt Ion: 75 Resp: 26135
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

