

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
 Data File : VD078592.D
 Acq On : 04 Mar 2024 17:35
 Operator : RP/MD
 Sample : P1669-07
 Misc : 4.92G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-11-VOC

Quant Time: Mar 05 04:16:19 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)

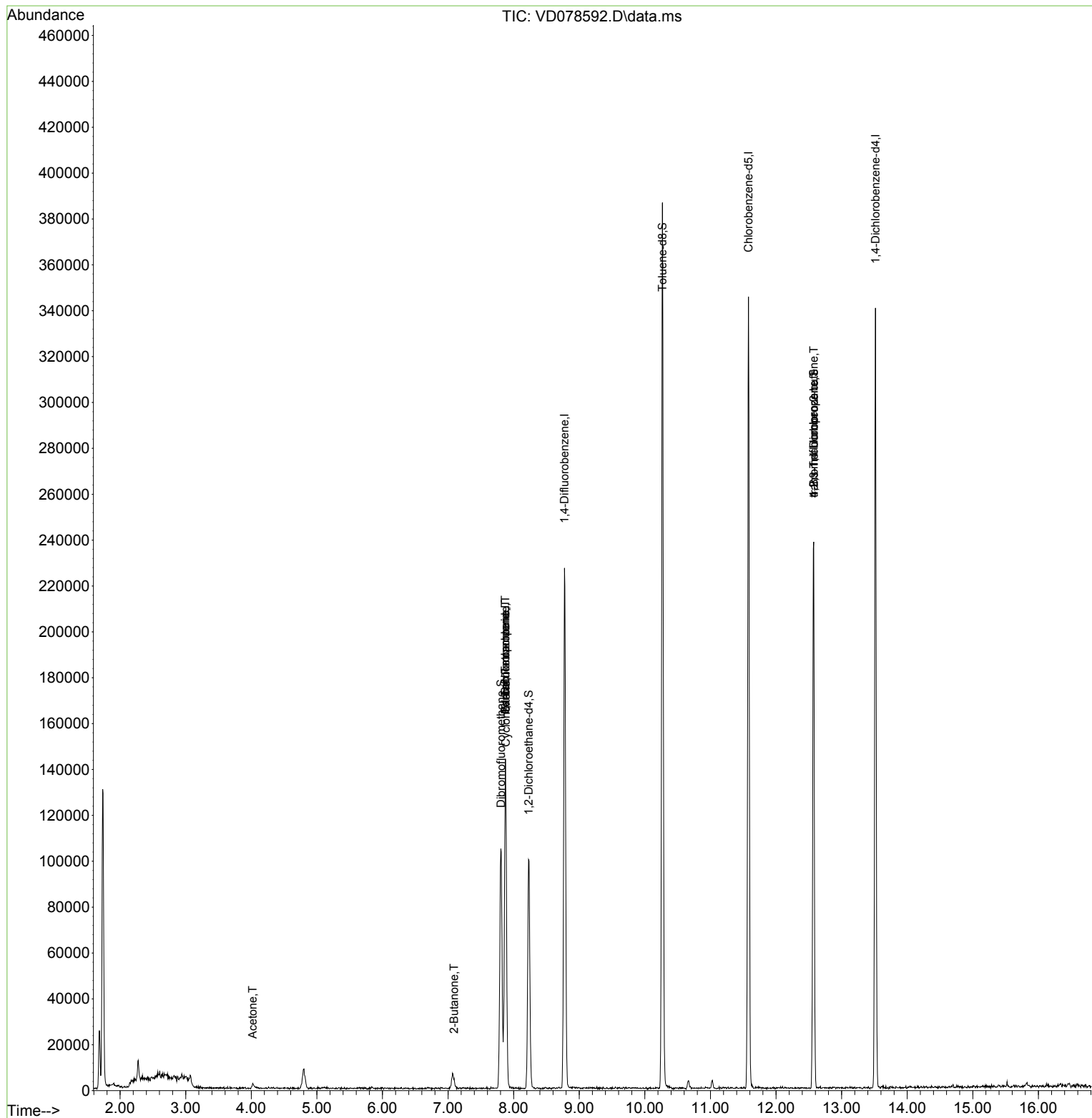
Internal Standards						
1) Pentafluorobenzene	7.875	168	110230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	208065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	205384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75325	68.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.860%	
35) Dibromofluoromethane	7.810	113	75886	56.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.140%	
50) Toluene-d8	10.269	98	261168	49.659	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.320%	
62) 4-Bromofluorobenzene	12.575	95	73207	48.735	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	359	Below Cal	#	41
16) Acetone	4.022	43	3142	15.009	ug/l #	71
20) Methylene Chloride	4.798	84	7067	Below Cal		93
25) 2-Butanone	7.093	43	272	1.030	ug/l #	37
31) Cyclohexane	7.881	56	2332	1.364	ug/l #	25
36) 1,1-Dichloropropene	7.875	75	8475	4.525	ug/l #	47
38) Carbon Tetrachloride	7.875	117	10955	5.592	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	37546	54.883	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	37546	117.473	ug/l #	17

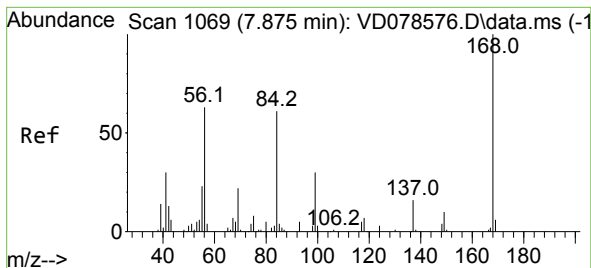
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-11-VOC

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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# 1

Delta R.T. -0.000 min

Lab File: VD078592.D

Acq: 04 Mar 2024 17:35

Instrument :

MSVOA_D

ClientSampleId :

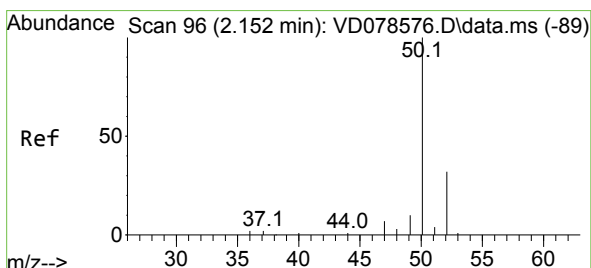
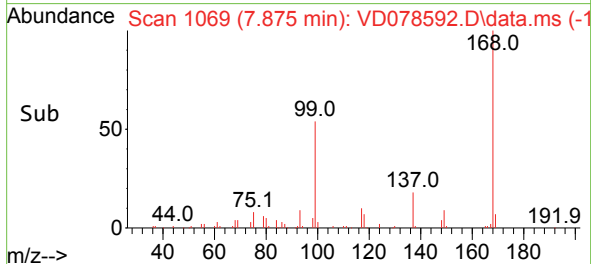
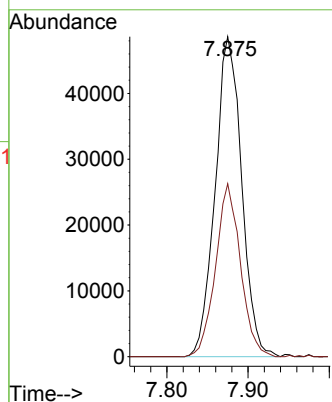
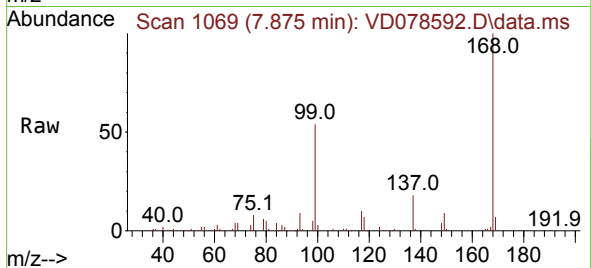
TP-11-VOC

Tgt Ion:168 Resp: 110230

Ion Ratio Lower Upper

168 100

99 54.1 36.7 55.1



#3

Chloromethane

Concen: Below Cal

RT: 2.146 min Scan# 95

Delta R.T. -0.006 min

Lab File: VD078592.D

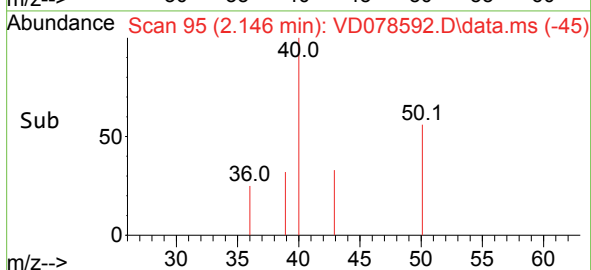
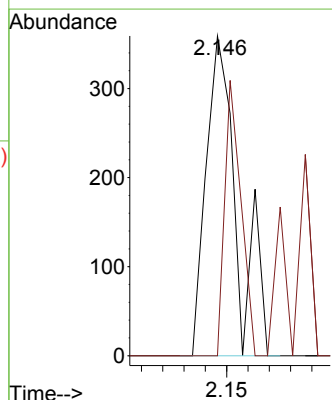
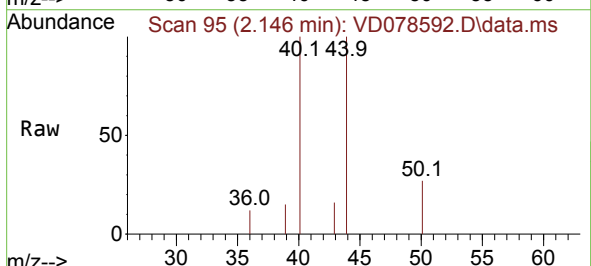
Acq: 04 Mar 2024 17:35

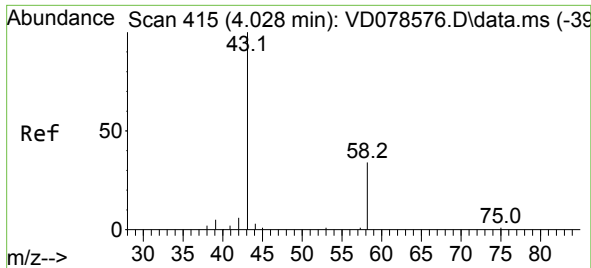
Tgt Ion: 50 Resp: 359

Ion Ratio Lower Upper

50 100

52 0.0 26.6 40.0#





#16

Acetone

Concen: 15.009 ug/l

RT: 4.022 min Scan# 415

Delta R.T. -0.006 min

Lab File: VD078592.D

Acq: 04 Mar 2024 17:35

Instrument :

MSVOA_D

ClientSampleId :

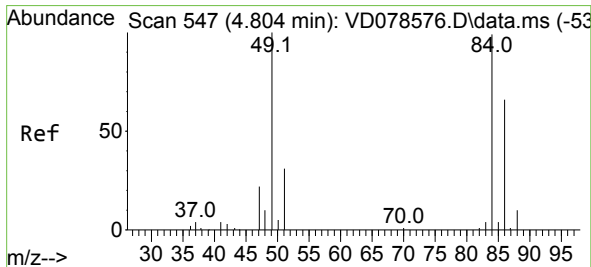
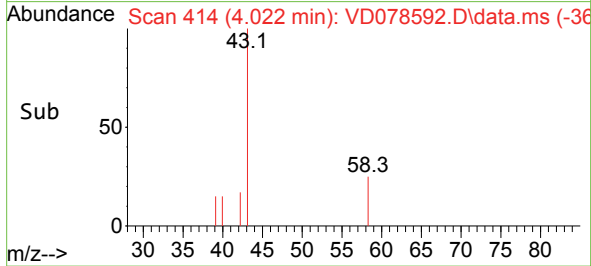
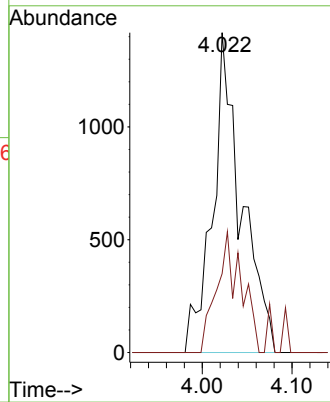
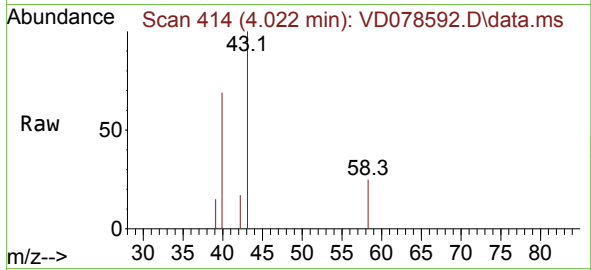
TP-11-VOC

Tgt Ion: 43 Resp: 3142

Ion Ratio Lower Upper

43 100

58 24.7 34.7 52.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.798 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD078592.D

Acq: 04 Mar 2024 17:35

Tgt Ion: 84 Resp: 7067

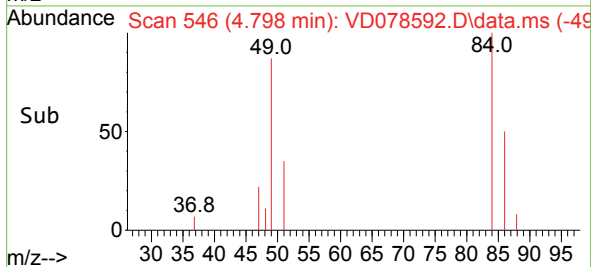
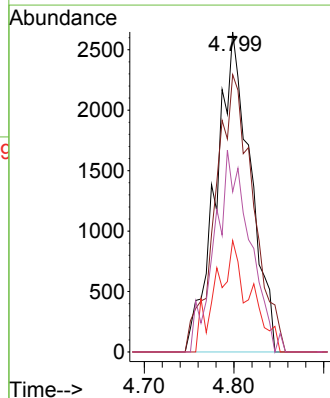
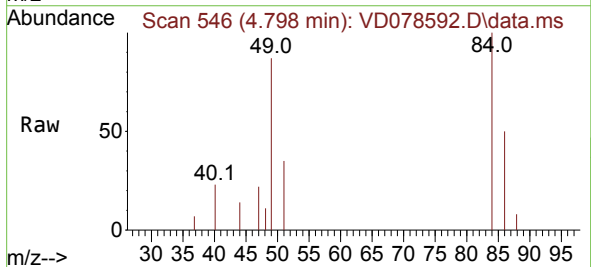
Ion Ratio Lower Upper

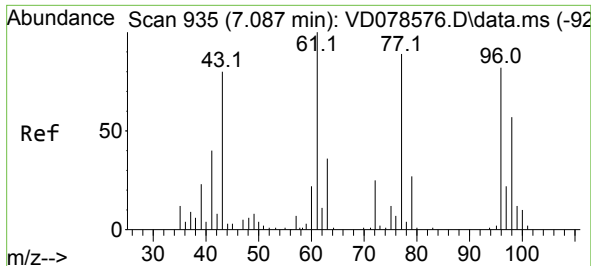
84 100

49 86.7 71.4 107.2

51 34.8 24.5 36.7

86 50.1 48.7 73.1

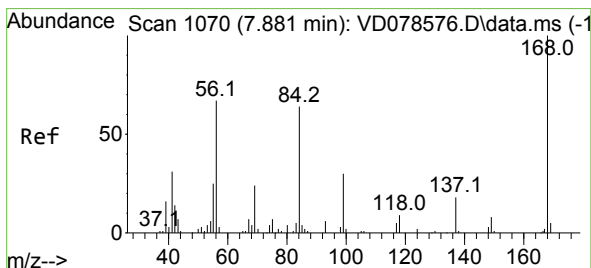
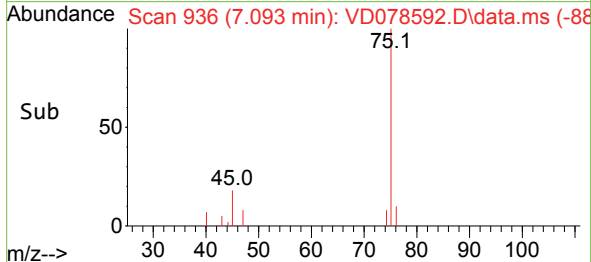
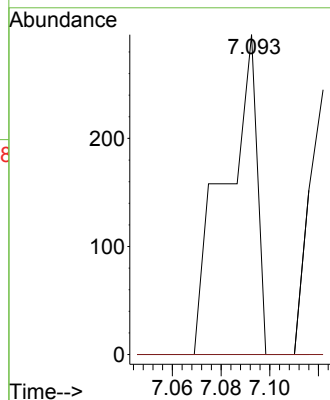
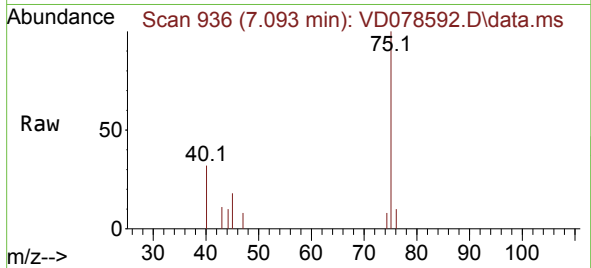




#25
2-Butanone
Concen: 1.030 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078592.D
Acq: 04 Mar 2024 17:35

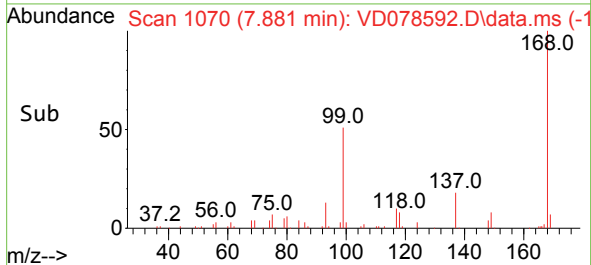
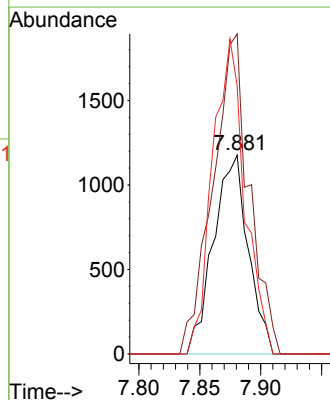
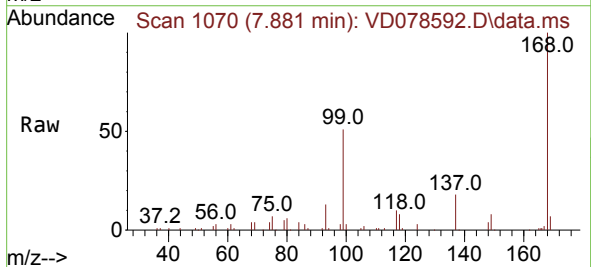
Instrument :
MSVOA_D
ClientSampleId :
TP-11-VOC

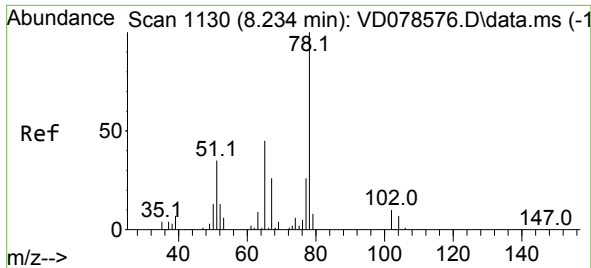
Tgt Ion: 43 Resp: 272
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.364 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078592.D
Acq: 04 Mar 2024 17:35

Tgt Ion: 56 Resp: 2332
Ion Ratio Lower Upper
56 100
69 161.1 28.6 43.0#
84 134.9 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 68.935 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD078592.D

Acq: 04 Mar 2024 17:35

Instrument :

MSVOA_D

ClientSampleId :

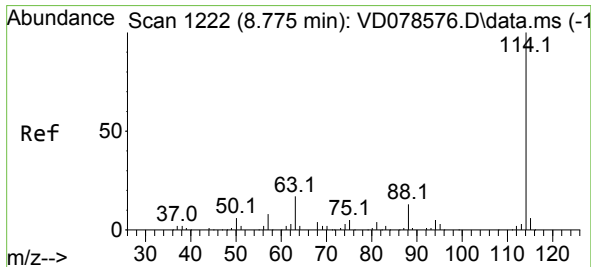
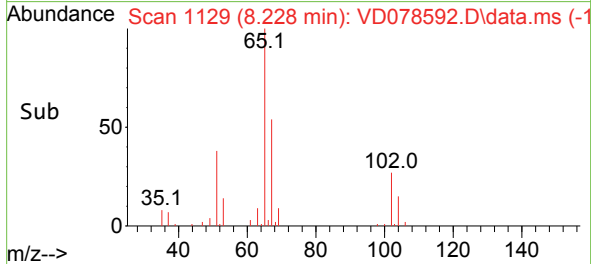
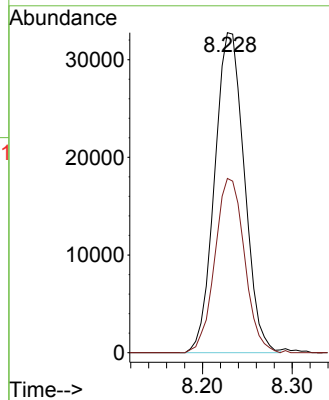
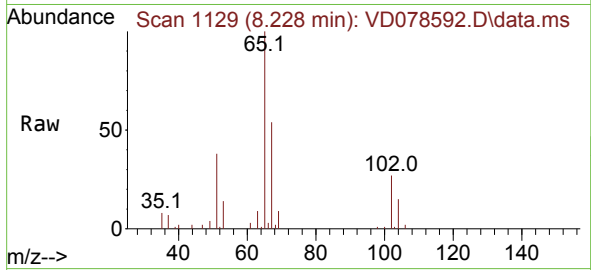
TP-11-VOC

Tgt Ion: 65 Resp: 75325

Ion Ratio Lower Upper

65 100

67 54.4 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: VD078592.D

Acq: 04 Mar 2024 17:35

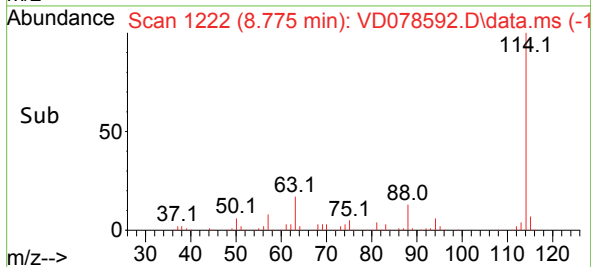
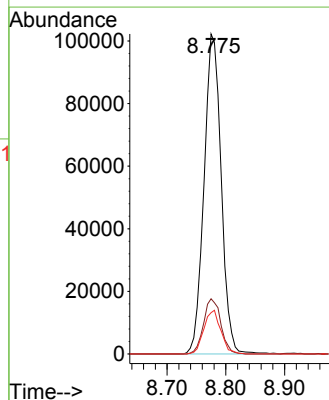
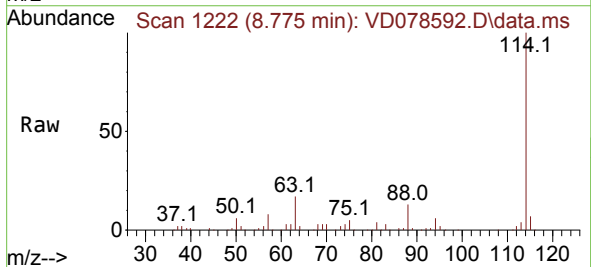
Tgt Ion: 114 Resp: 208065

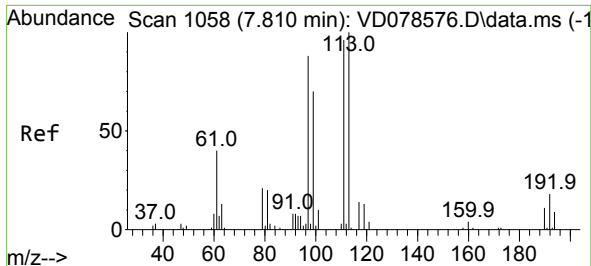
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

88 12.9 0.0 26.2

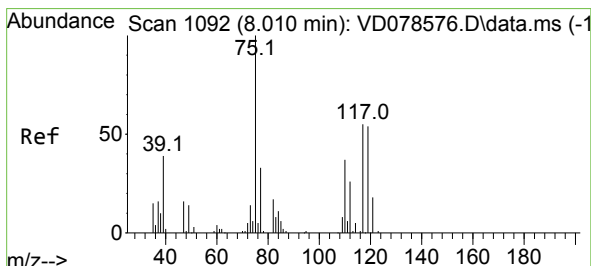
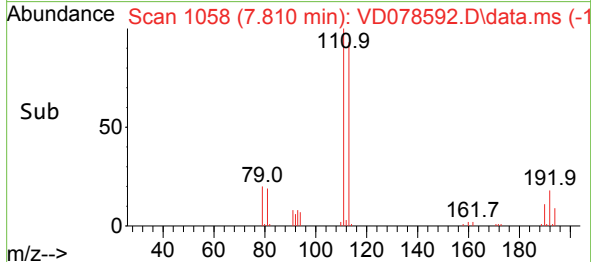
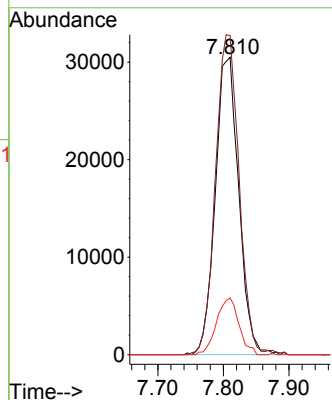
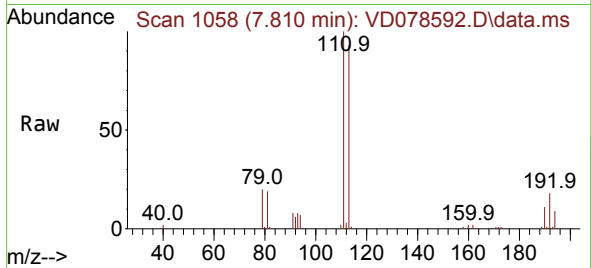




#35
Dibromofluoromethane
Concen: 56.069 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078592.D
Acq: 04 Mar 2024 17:35

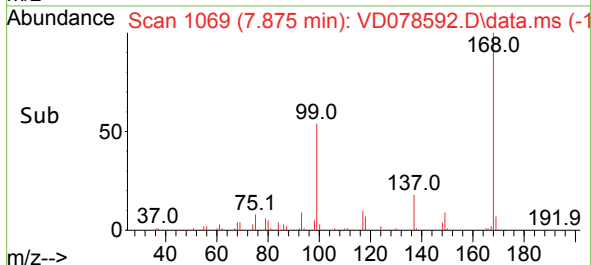
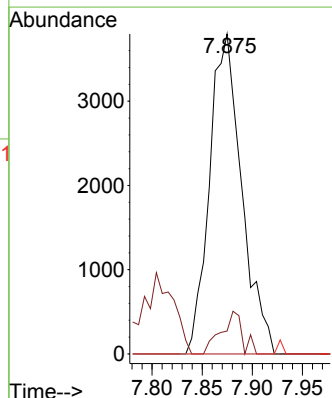
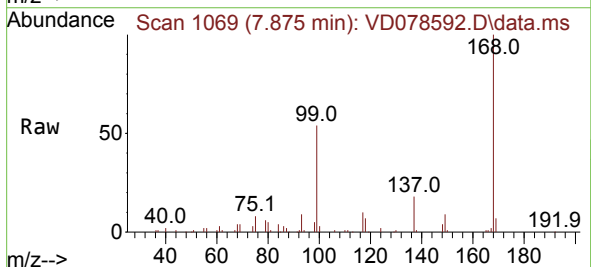
Instrument :
MSVOA_D
ClientSampleId :
TP-11-VOC

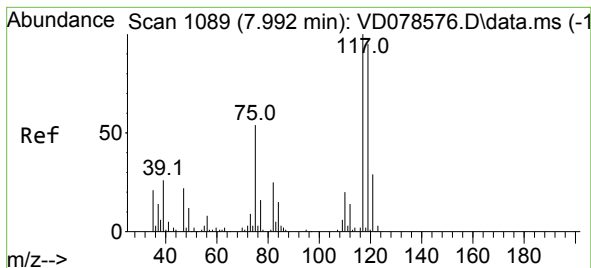
Tgt Ion:113 Resp: 75886
Ion Ratio Lower Upper
113 100
111 108.0 84.7 127.1
192 18.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.525 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078592.D
Acq: 04 Mar 2024 17:35

Tgt Ion: 75 Resp: 8475
Ion Ratio Lower Upper
75 100
110 8.7 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.592 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD078592.D

Acq: 04 Mar 2024 17:35

Instrument :

MSVOA_D

ClientSampleId :

TP-11-VOC

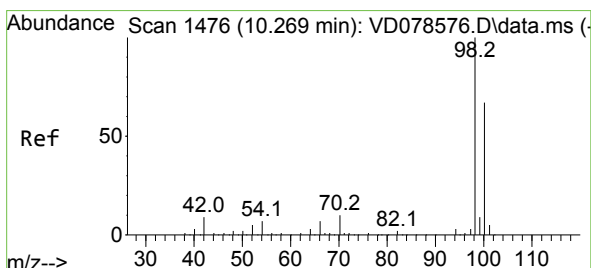
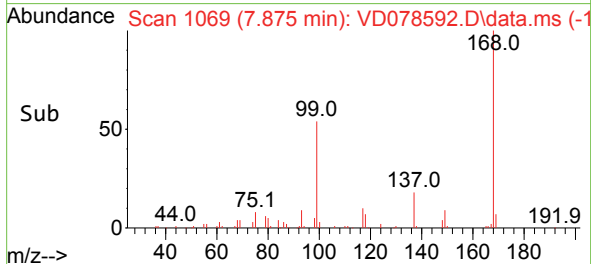
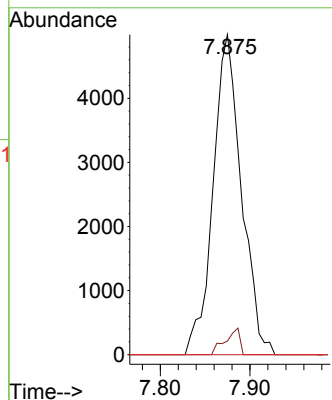
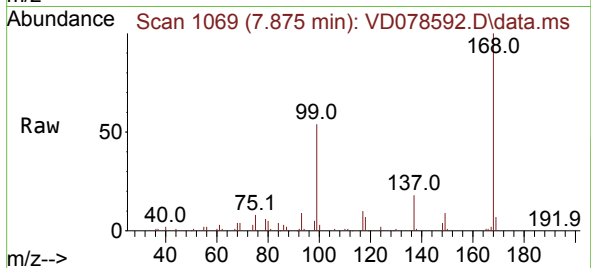
Tgt Ion:117 Resp: 10955

Ion Ratio Lower Upper

117 100

119 4.2 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.659 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078592.D

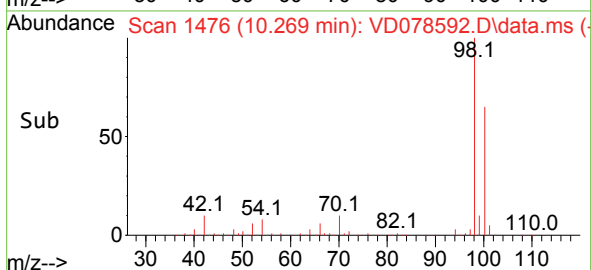
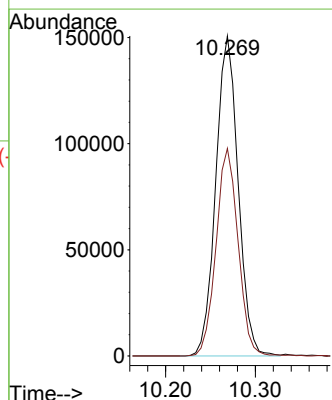
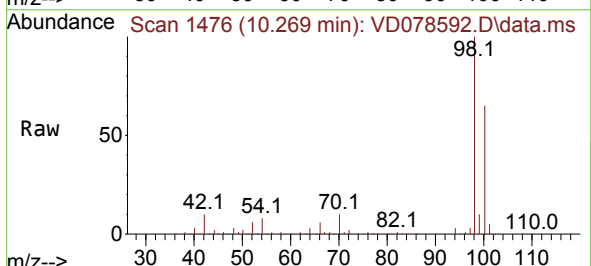
Acq: 04 Mar 2024 17:35

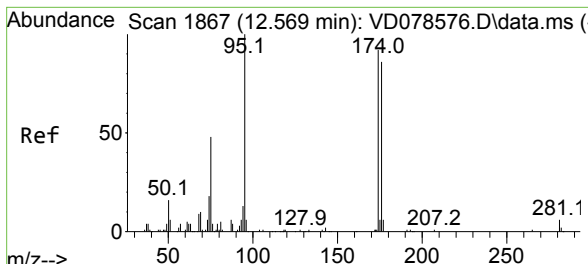
Tgt Ion: 98 Resp: 261168

Ion Ratio Lower Upper

98 100

100 63.9 50.3 75.5

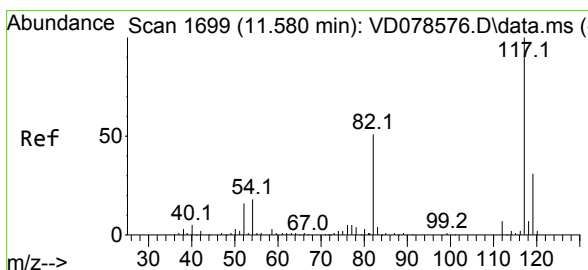
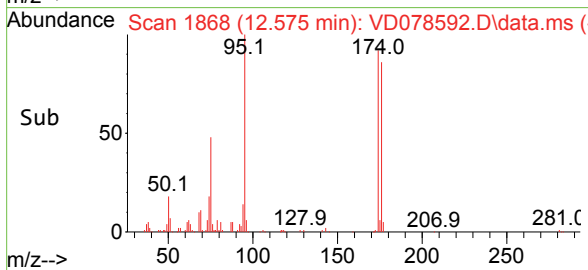
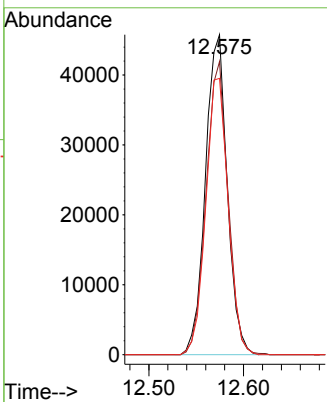
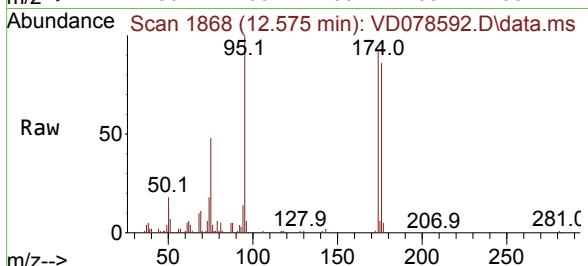




#62
4-Bromofluorobenzene
Concen: 48.735 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078592.D
Acq: 04 Mar 2024 17:35

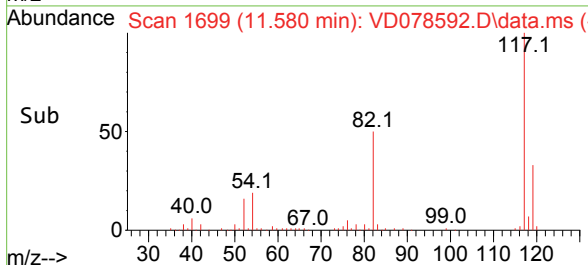
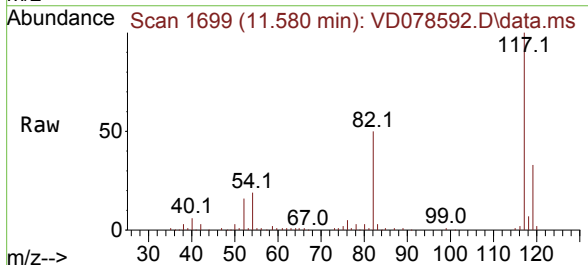
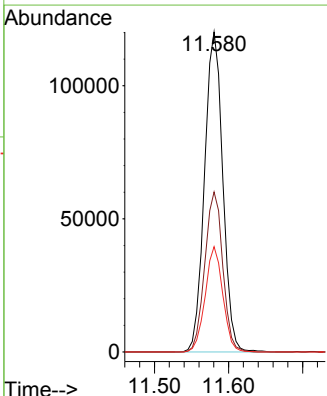
Instrument :
MSVOA_D
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TP-11-VOC

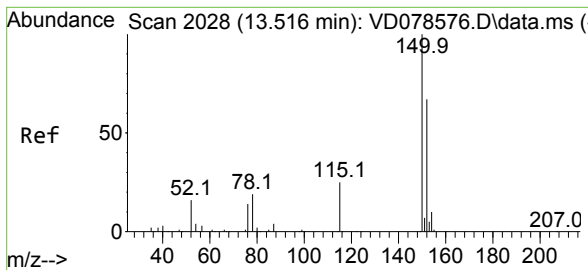
Tgt Ion:	95	Resp:	73207
Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	201.8
176	88.9	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078592.D
Acq: 04 Mar 2024 17:35

Tgt Ion:	117	Resp:	205384
Ion	Ratio	Lower	Upper
117	100		
82	50.0	38.3	57.5
119	32.9	25.0	37.4

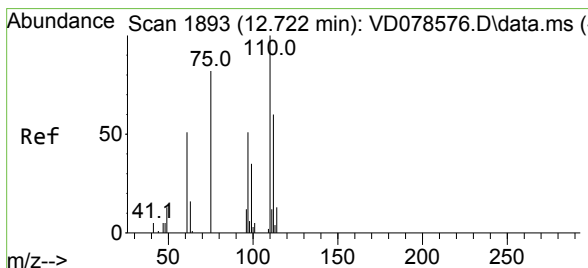
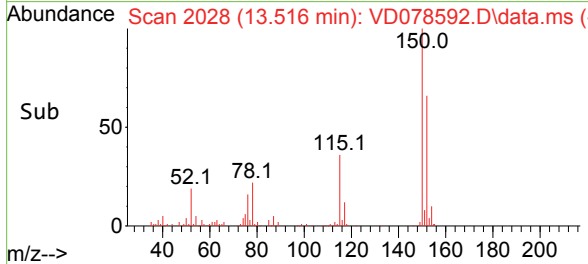
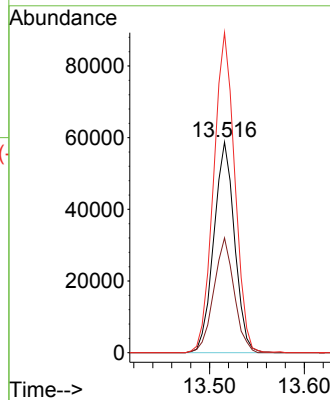
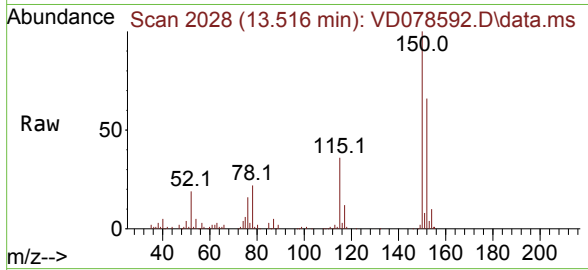




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078592.D
 Acq: 04 Mar 2024 17:35

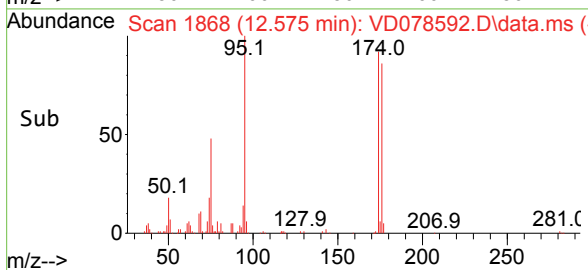
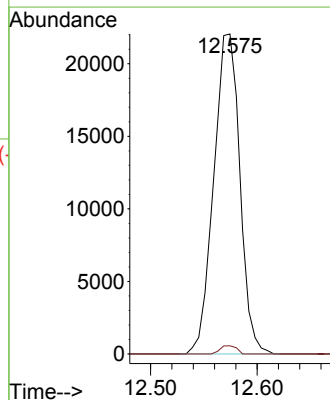
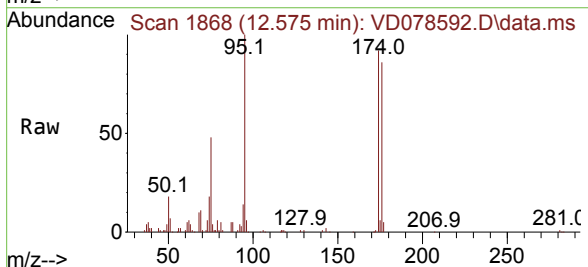
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-11-VOC

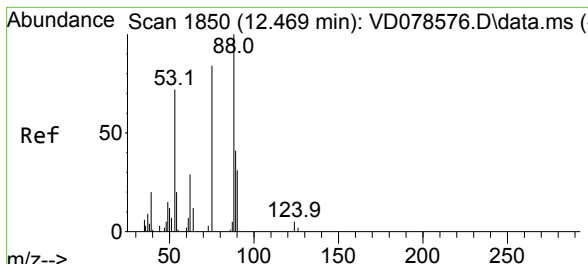
Tgt Ion:152 Resp: 89574
 Ion Ratio Lower Upper
 152 100
 115 53.4 27.1 81.3
 150 154.9 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 54.883 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078592.D
 Acq: 04 Mar 2024 17:35

Tgt Ion: 75 Resp: 37546
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.473 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078592.D
 Acq: 04 Mar 2024 17:35

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-11-VOC

Tgt Ion:	75	Resp:	37546
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.2	37.9	56.9#

