

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
 Data File : VD075339.D
 Acq On : 14 Feb 2023 13:20
 Operator : KP/SY
 Sample : 01538-14
 Misc : 7.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOT-VOC-GRAB-12

Quant Time: Feb 15 03:32:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

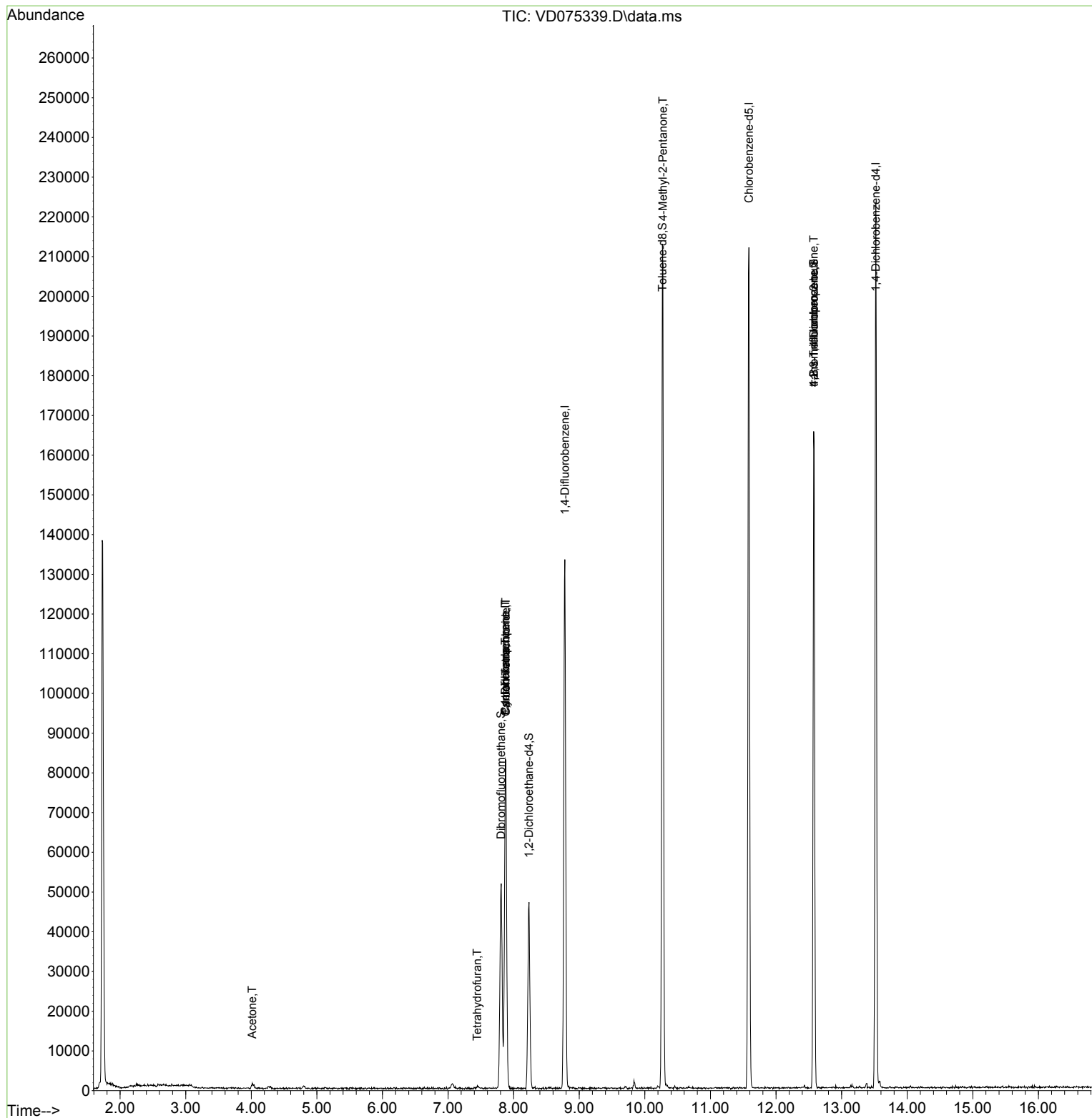
Internal Standards						
1) Pentafluorobenzene	7.875	168	63120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	113204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	117993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	55397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	35533	48.009	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.020%		
35) Dibromofluoromethane	7.810	113	36826	46.393	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.780%		
50) Toluene-d8	10.269	98	141460	46.992	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.980%		
62) 4-Bromofluorobenzene	12.575	95	50202	50.576	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.160%		
Target Compounds						
16) Acetone	4.016	43	2244	11.466	ug/l	89
20) Methylene Chloride	4.799	84	338	Below Cal	#	63
29) Tetrahydrofuran	7.446	42	435	3.331	ug/l #	54
31) Cyclohexane	7.875	56	1809	1.376	ug/l #	56
36) 1,1-Dichloropropene	7.875	75	5373	4.345	ug/l #	47
38) Carbon Tetrachloride	7.881	117	6792	5.928	ug/l #	20
51) 4-Methyl-2-Pentanone	10.275	43	744	1.428	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	27905	44.348	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	27905	140.017	ug/l #	14

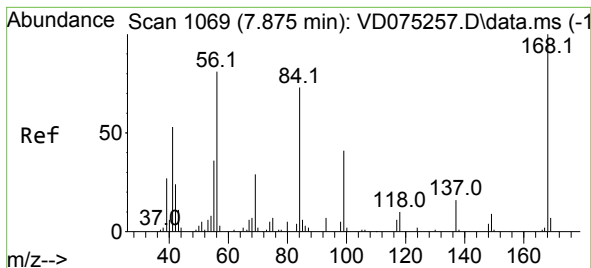
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
Data File : VD075339.D
Acq On : 14 Feb 2023 13:20
Operator : KP/SY
Sample : 01538-14
Misc : 7.73G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-12

Quant Time: Feb 15 03:32:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration

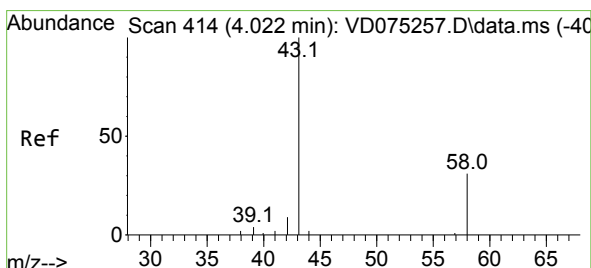
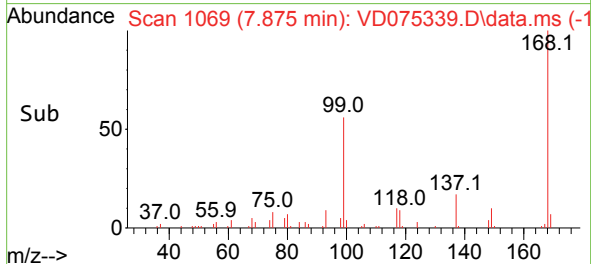
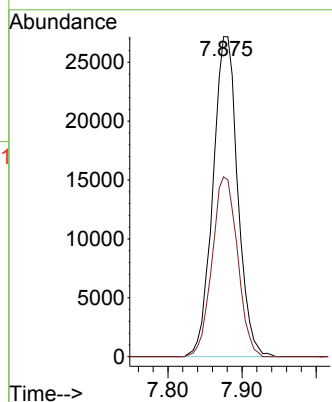
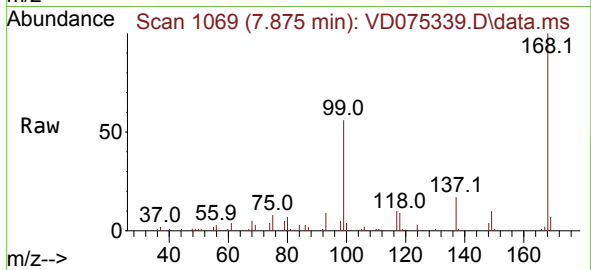




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075339.D
Acq: 14 Feb 2023 13:20

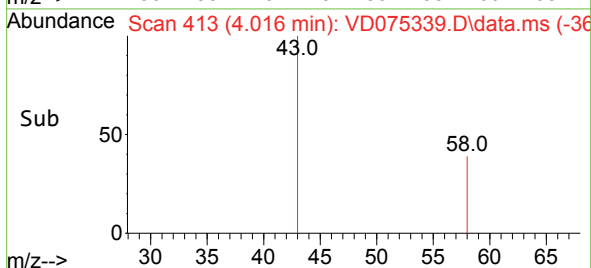
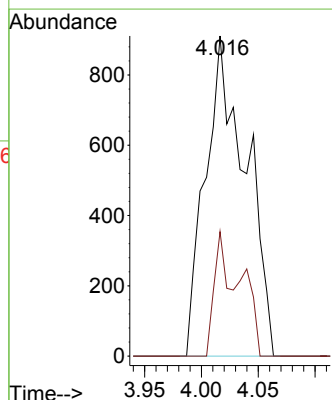
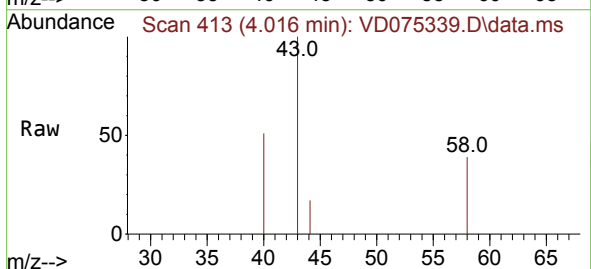
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-12

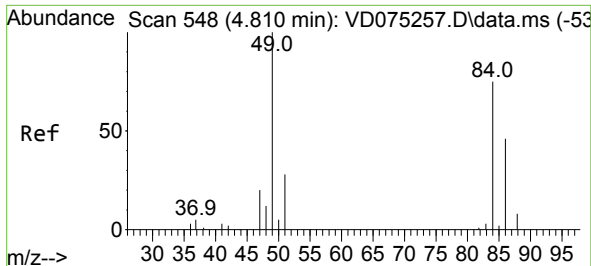
Tgt Ion:168 Resp: 63120
Ion Ratio Lower Upper
168 100
99 56.2 45.2 67.8



#16
Acetone
Concen: 11.466 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075339.D
Acq: 14 Feb 2023 13:20

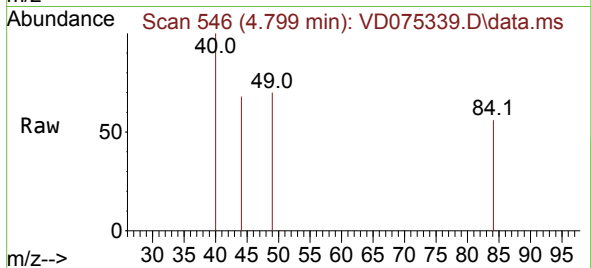
Tgt Ion: 43 Resp: 2244
Ion Ratio Lower Upper
43 100
58 38.9 26.0 39.0





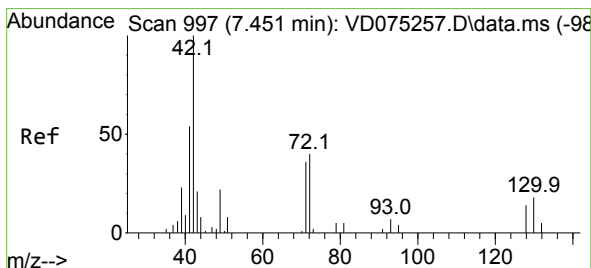
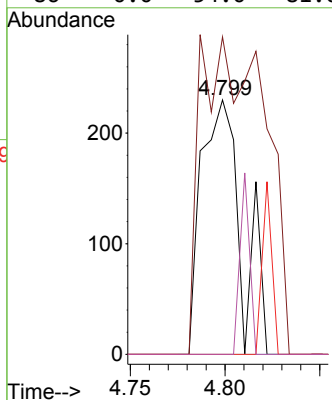
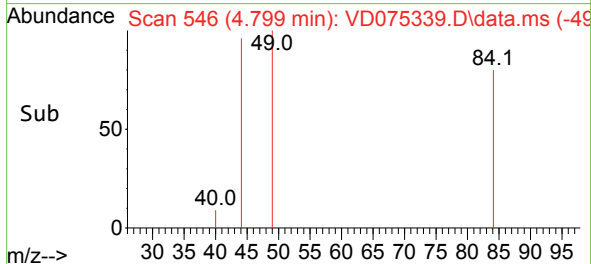
#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.011 min
Lab File: VD075339.D
Acq: 14 Feb 2023 13:20

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-12



Tgt Ion: 84 Resp: 338

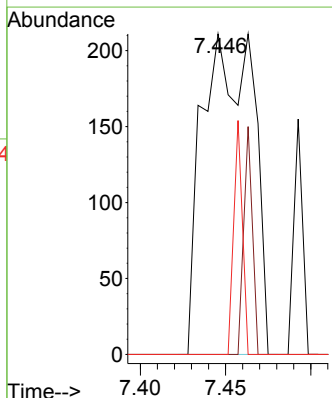
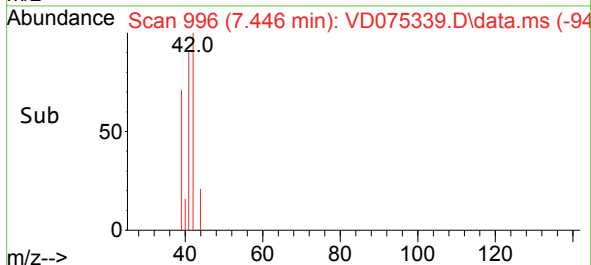
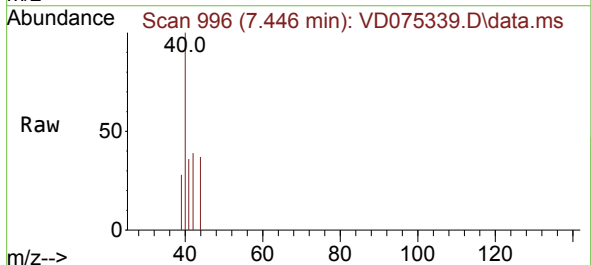
Ion	Ratio	Lower	Upper
84	100		
49	124.8	97.0	145.6
51	0.0	30.9	46.3#
86	0.0	54.0	81.0#

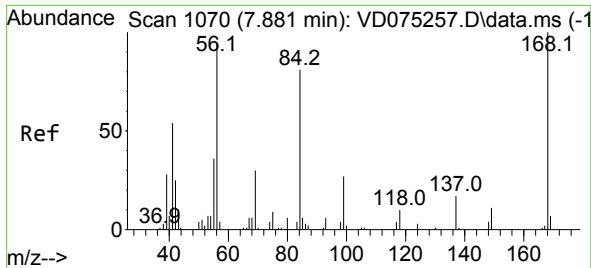


#29
Tetrahydrofuran
Concen: 3.331 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.005 min
Lab File: VD075339.D
Acq: 14 Feb 2023 13:20

Tgt Ion: 42 Resp: 435

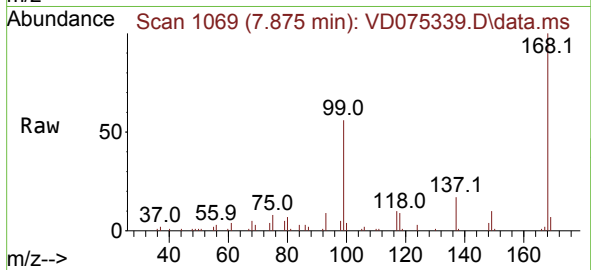
Ion	Ratio	Lower	Upper
42	100		
72	12.2	33.8	50.8#
71	12.4	31.6	47.4#



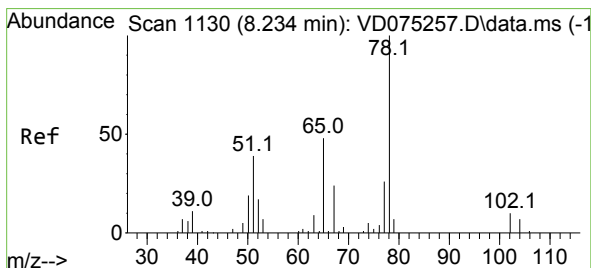
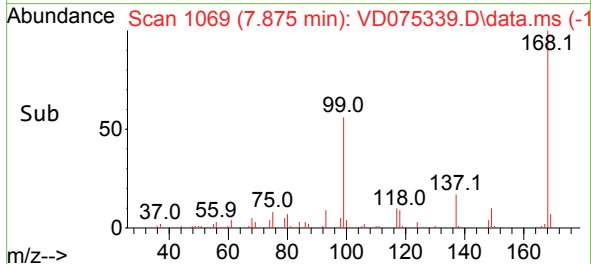
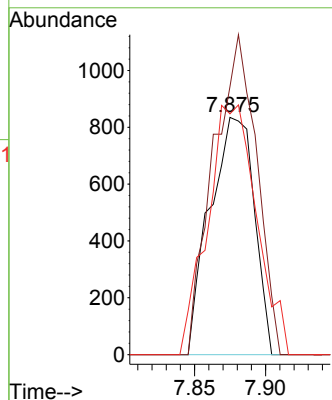


#31
Cyclohexane
Concen: 1.376 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075339.D
Acq: 14 Feb 2023 13:20

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-12

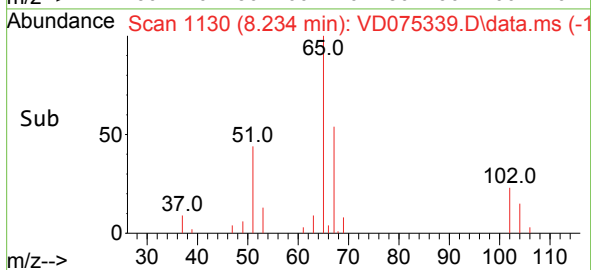
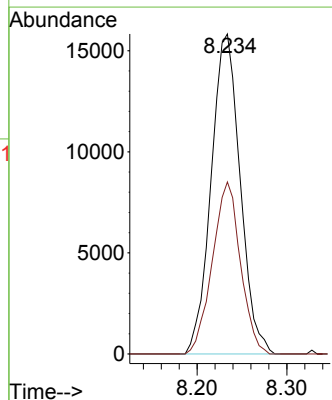
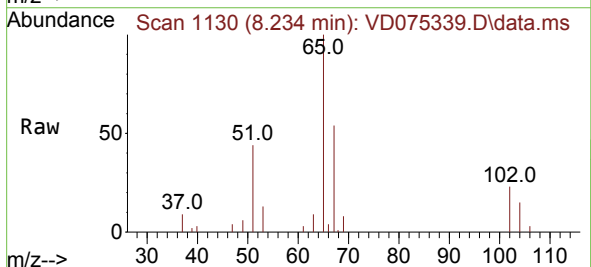


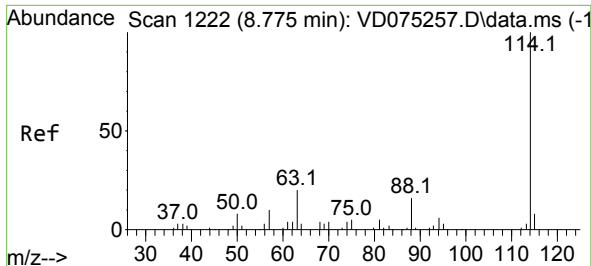
Tgt Ion: 56 Resp: 1809
Ion Ratio Lower Upper
56 100
69 112.9 26.6 40.0#
84 101.4 74.1 111.1



#33
1,2-Dichloroethane-d4
Concen: 48.009 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075339.D
Acq: 14 Feb 2023 13:20

Tgt Ion: 65 Resp: 35533
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075339.D

Acq: 14 Feb 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-GRAB-12

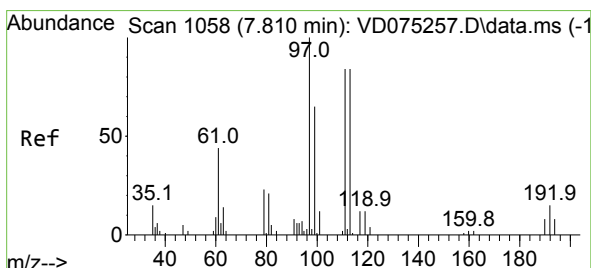
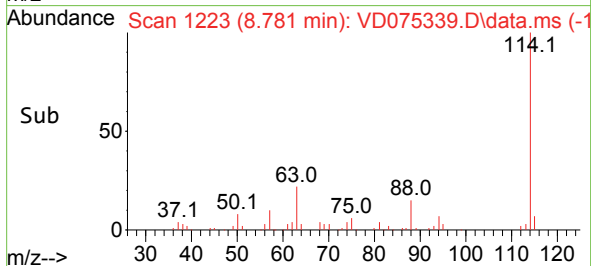
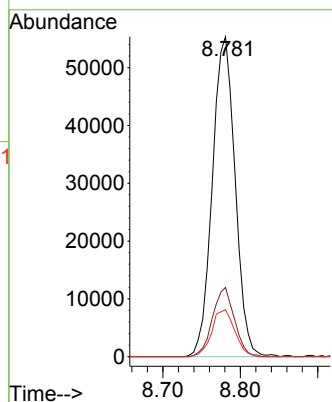
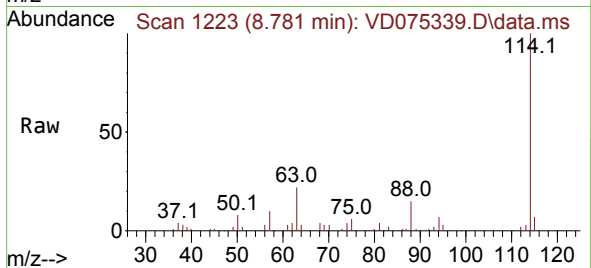
Tgt Ion:114 Resp: 113204

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.2

88 14.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.393 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075339.D

Acq: 14 Feb 2023 13:20

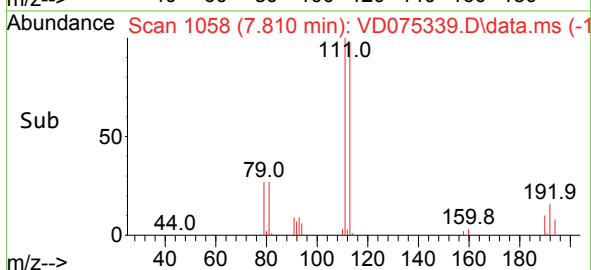
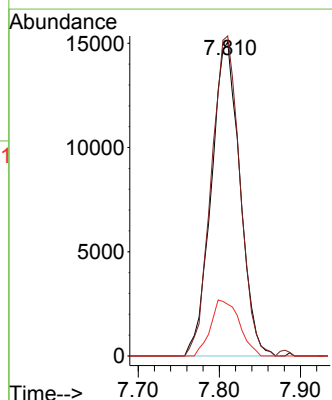
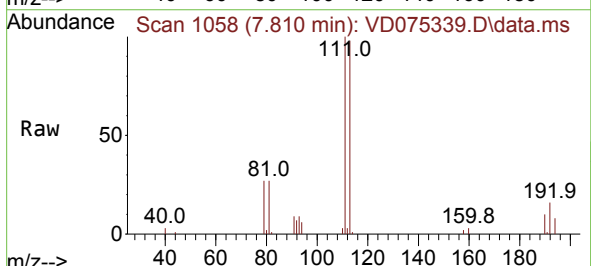
Tgt Ion:113 Resp: 36826

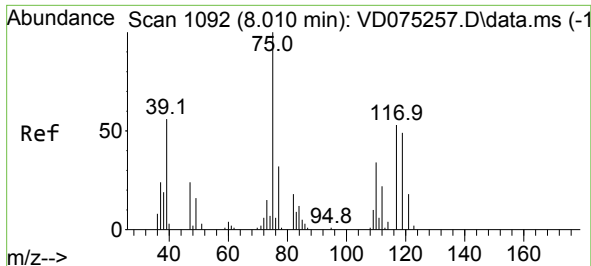
Ion Ratio Lower Upper

113 100

111 102.1 80.1 120.1

192 17.8 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.345 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075339.D

Acq: 14 Feb 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-GRAB-12

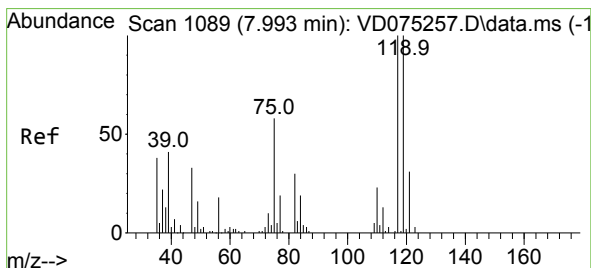
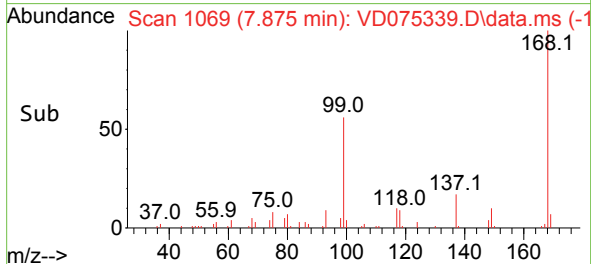
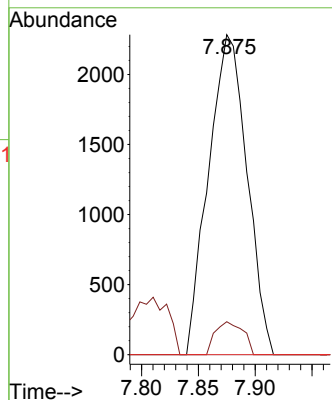
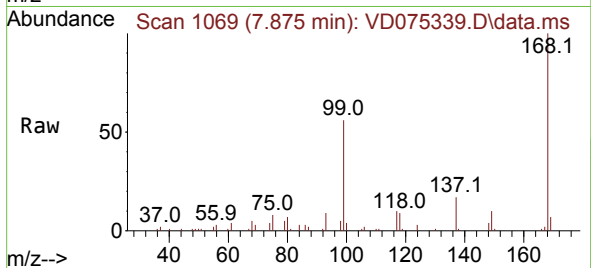
Tgt Ion: 75 Resp: 5373

Ion Ratio Lower Upper

75 100

110 7.5 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.928 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD075339.D

Acq: 14 Feb 2023 13:20

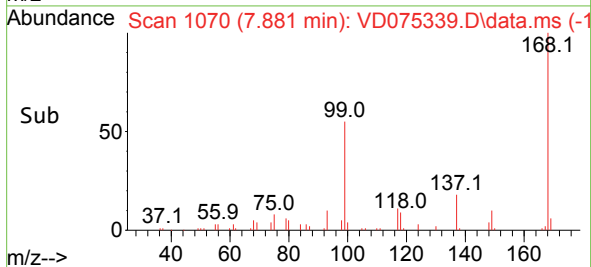
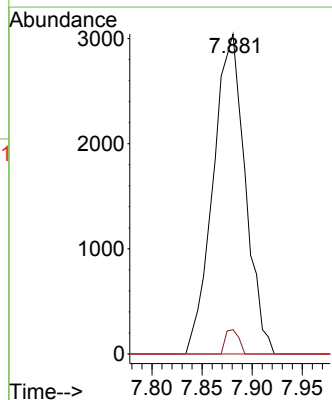
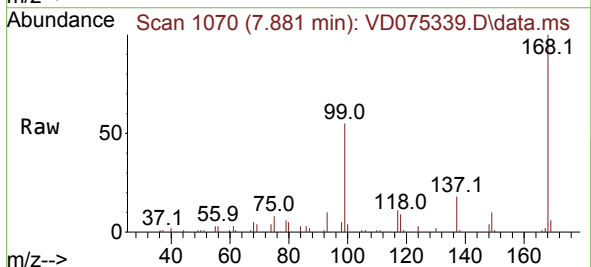
Tgt Ion: 117 Resp: 6792

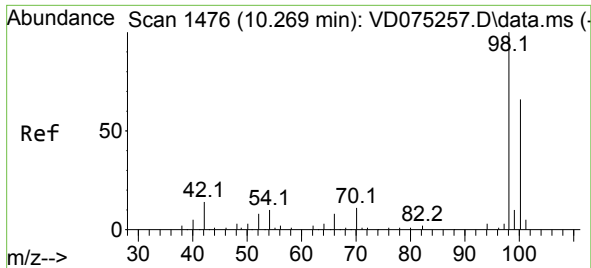
Ion Ratio Lower Upper

117 100

119 7.6 73.6 110.4#

121 0.0 25.4 38.0#

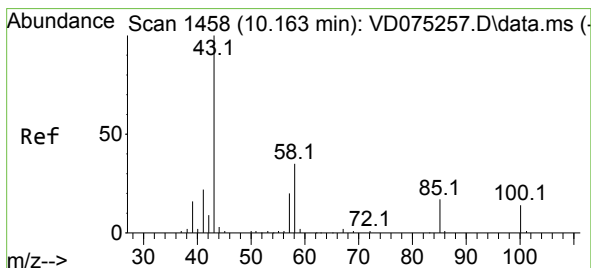
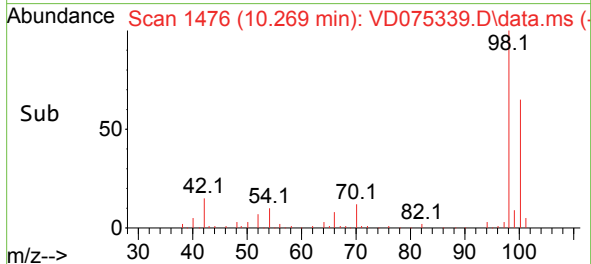
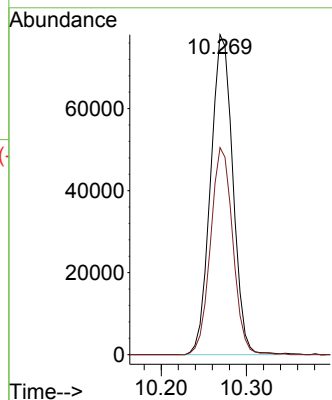
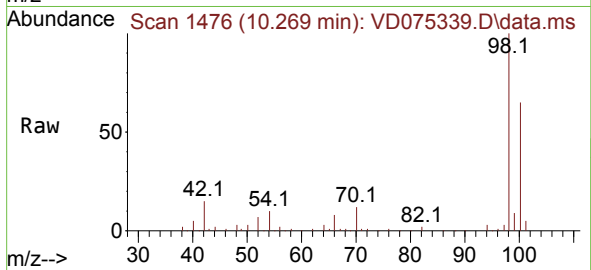




#50
Toluene-d8
Concen: 46.992 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075339.D
Acq: 14 Feb 2023 13:20

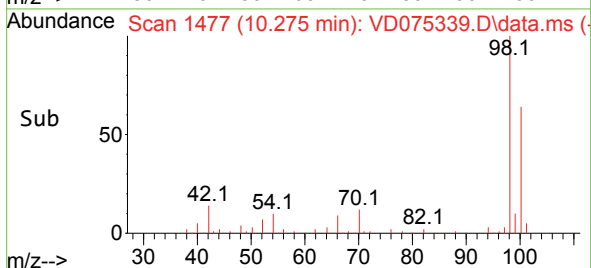
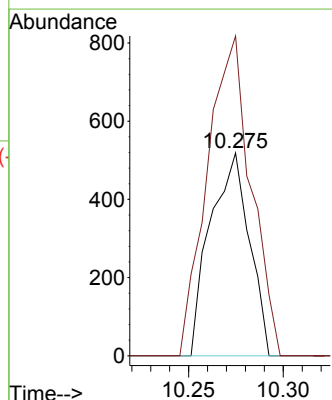
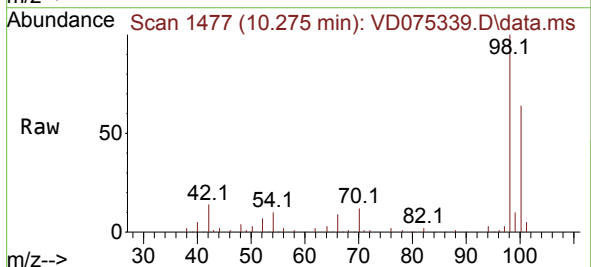
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-12

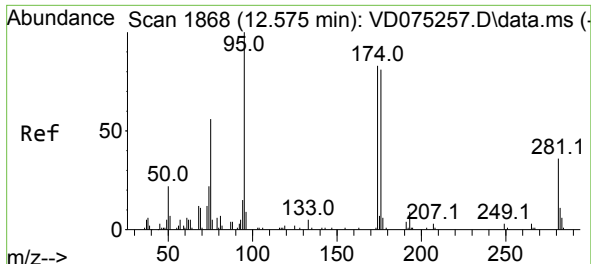
Tgt Ion: 98 Resp: 141460
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.428 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.112 min
Lab File: VD075339.D
Acq: 14 Feb 2023 13:20

Tgt Ion: 43 Resp: 744
Ion Ratio Lower Upper
43 100
58 176.2 31.4 47.0#

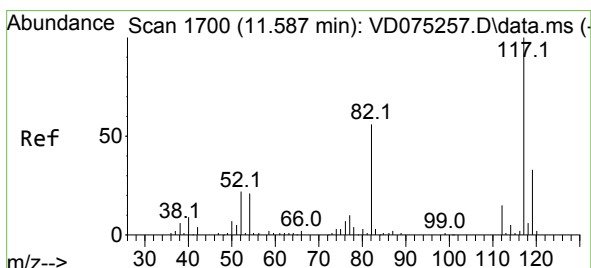
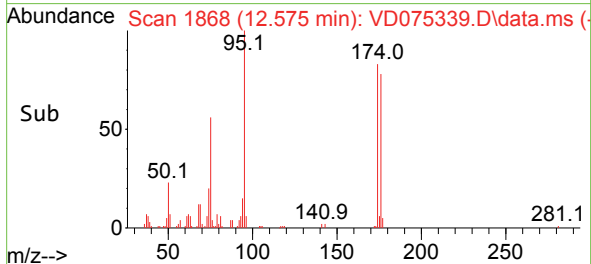
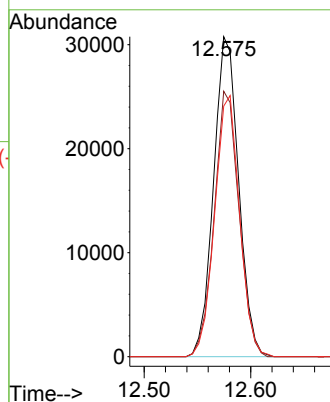
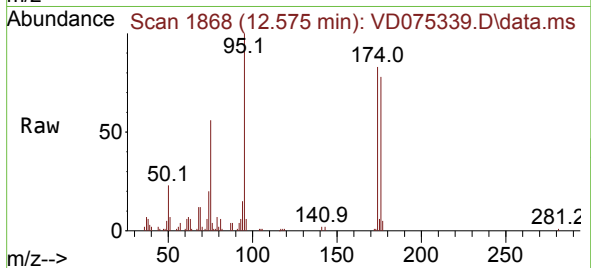




#62
4-Bromofluorobenzene
Concen: 50.576 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075339.D
Acq: 14 Feb 2023 13:20

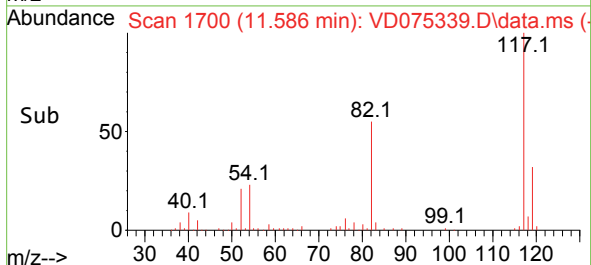
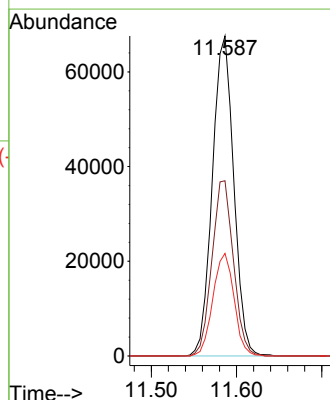
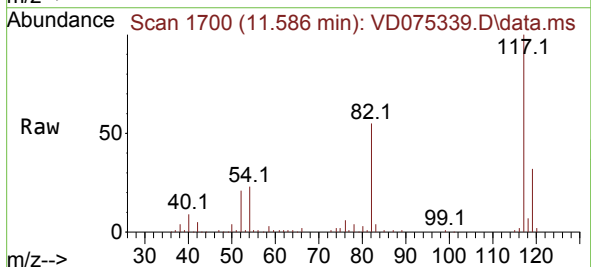
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-12

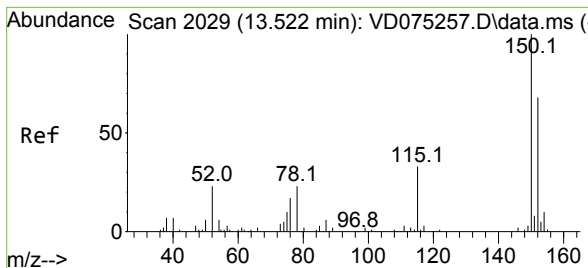
Tgt Ion:	95	Resp:	50202
Ion Ratio	Lower	Upper	
95	100		
174	82.2	0.0	161.2
176	81.3	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1700
Delta R.T. -0.001 min
Lab File: VD075339.D
Acq: 14 Feb 2023 13:20

Tgt Ion:	117	Resp:	117993
Ion Ratio	Lower	Upper	
117	100		
82	54.8	39.6	59.4
119	32.1	24.6	37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075339.D

Acq: 14 Feb 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-GRAB-12

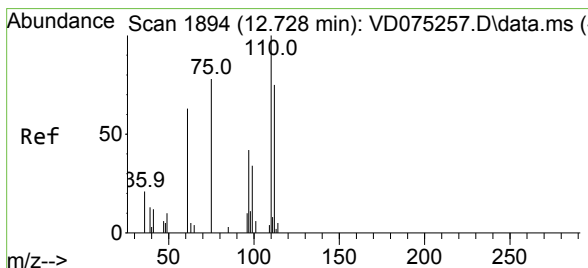
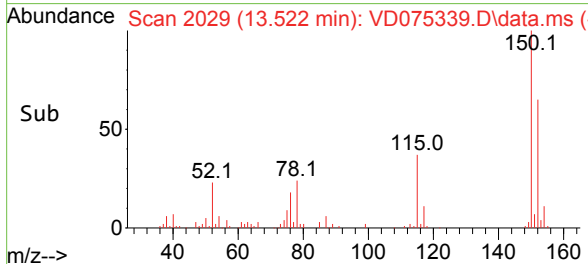
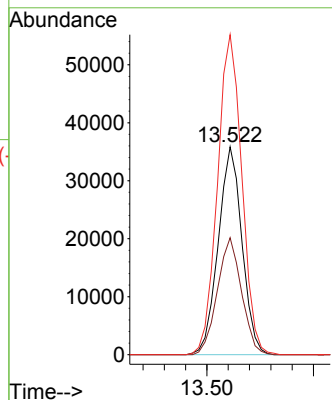
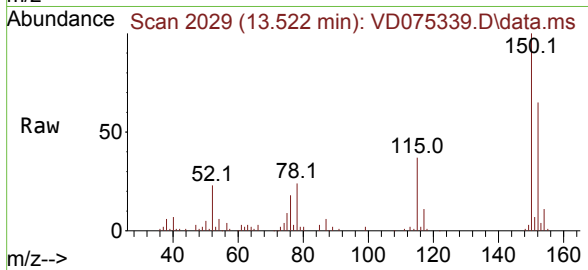
Tgt Ion:152 Resp: 55397

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.4

150 157.7 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 44.348 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD075339.D

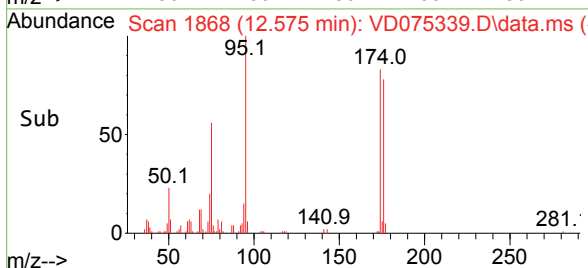
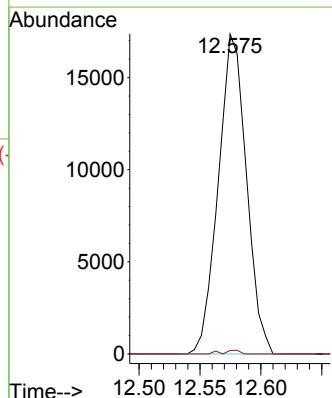
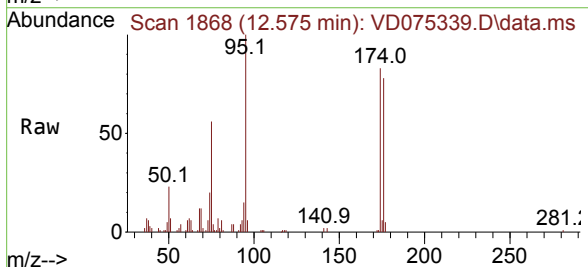
Acq: 14 Feb 2023 13:20

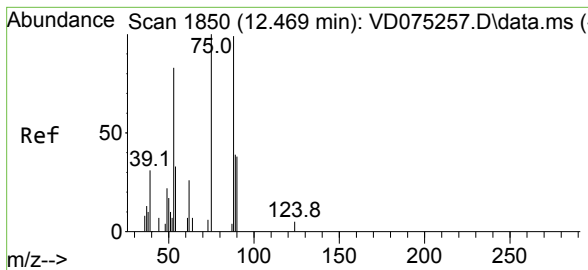
Tgt Ion: 75 Resp: 27905

Ion Ratio Lower Upper

75 100

77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.017 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075339.D
 Acq: 14 Feb 2023 13:20

Instrument :
 MSVOA_D
 ClientSampleId :
 TOT-VOC-GRAB-12

Tgt Ion:	75	Resp:	27905
Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.5	105.7#
89	0.0	34.6	52.0#

