

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076569.D
 Acq On : 23 Jun 2023 20:33
 Operator : KP/SY
 Sample : 03361-18
 Misc : 13.43G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-21-GRAB-5

Quant Time: Jun 24 01:00:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

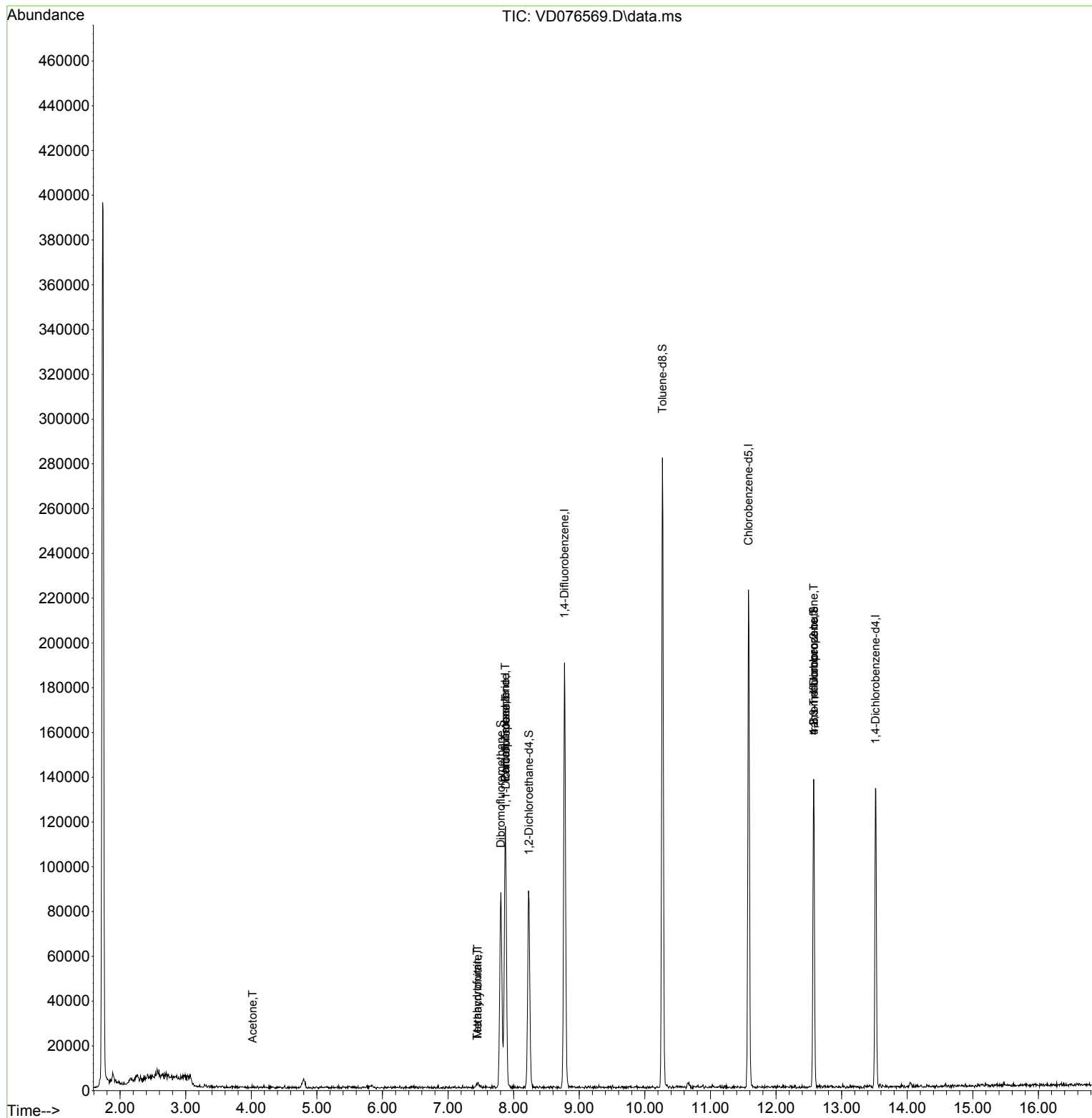
Internal Standards						
1) Pentafluorobenzene	7.875	168	90438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	161115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	121491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	35731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	66377	73.255	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.500%
35) Dibromofluoromethane	7.804	113	60430	63.137	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.280%
50) Toluene-d8	10.269	98	188579	51.952	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.900%
62) 4-Bromofluorobenzene	12.574	95	40158	34.088	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.180%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	325	1.507	ug/l #	32
20) Methylene Chloride	4.781	84	1871	Below Cal	#	87
28) Bromochloromethane	7.298	49	137	Below Cal	#	1
29) Tetrahydrofuran	7.445	42	1518	7.083	ug/l #	26
36) 1,1-Dichloropropene	7.881	75	7351	5.484	ug/l #	47
38) Carbon Tetrachloride	7.875	117	8613	7.190	ug/l #	11
41) Methacrylonitrile	7.451	41	1189	2.711	ug/l #	29
76) 1,2,3-Trichloropropane	12.574	75	22631	63.817	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.574	75	22631	139.838	ug/l #	17

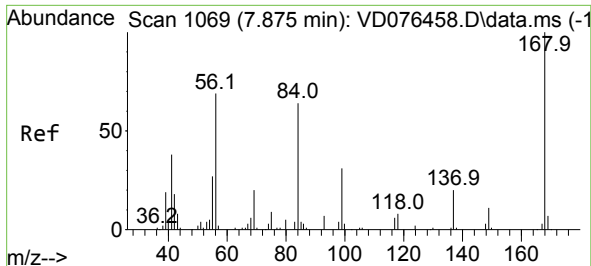
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TOTAL-VOC-SB-21-GRAB-5

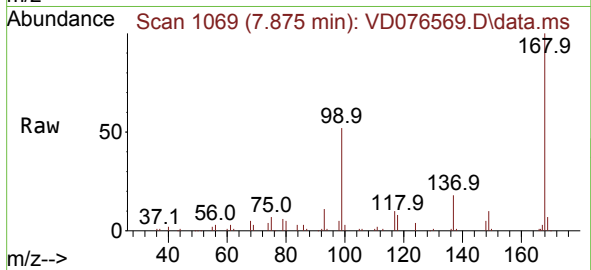
Quant Time: Jun 24 01:00:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
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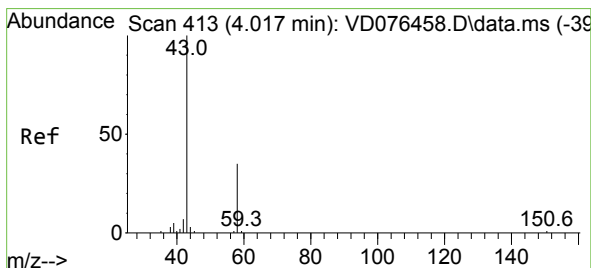
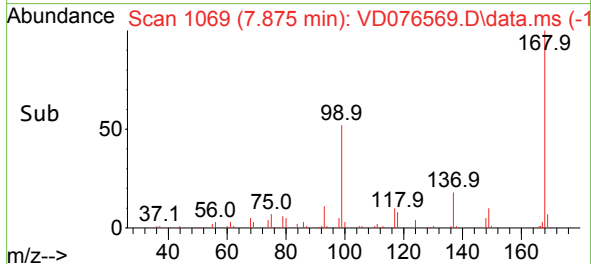
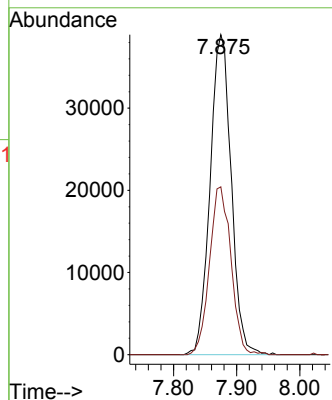


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076569.D
Acq: 23 Jun 2023 20:33

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-21-GRAB-5

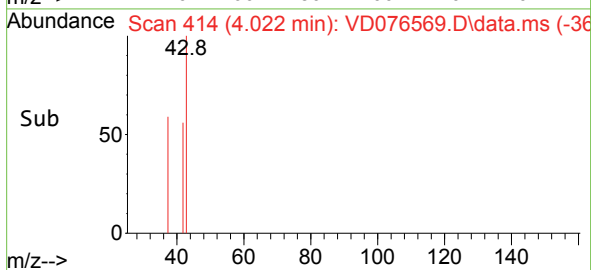
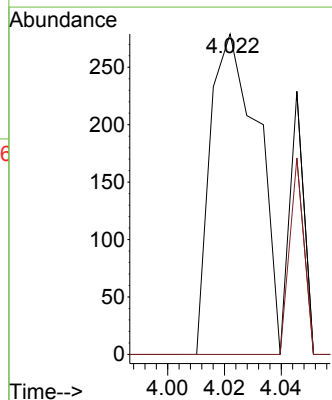
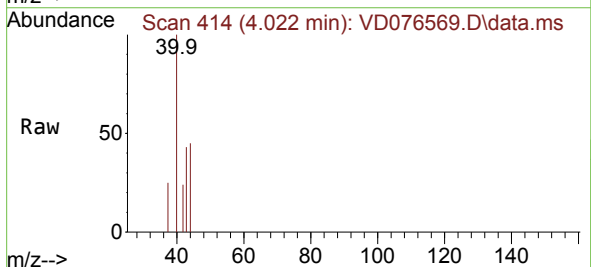


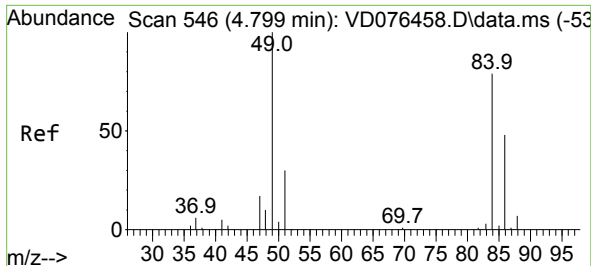
Tgt Ion:168 Resp: 90438
Ion Ratio Lower Upper
168 100
99 52.5 36.7 55.1



#16
Acetone
Concen: 1.507 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076569.D
Acq: 23 Jun 2023 20:33

Tgt Ion: 43 Resp: 325
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.781 min Scan# 54

Delta R.T. -0.018 min

Lab File: VD076569.D

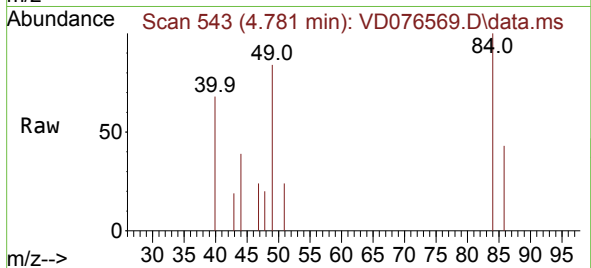
Acq: 23 Jun 2023 20:33

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-21-GRAB-5



Tgt Ion: 84 Resp: 1871

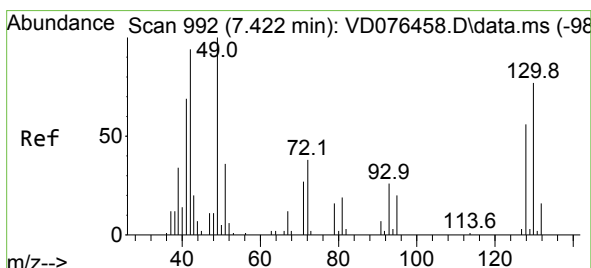
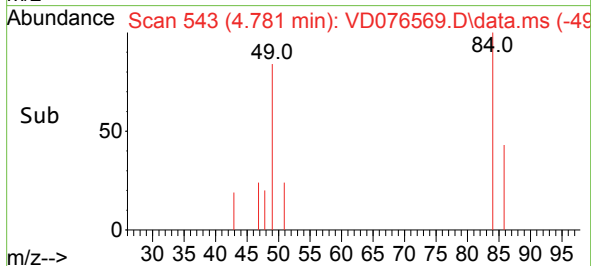
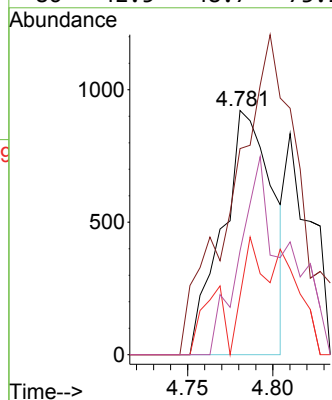
Ion Ratio Lower Upper

84 100

49 84.4 71.4 107.2

51 24.1 24.5 36.7#

86 42.5 48.7 73.1#



#28

Bromochloromethane

Concen: Below Cal

RT: 7.298 min Scan# 971

Delta R.T. -0.124 min

Lab File: VD076569.D

Acq: 23 Jun 2023 20:33

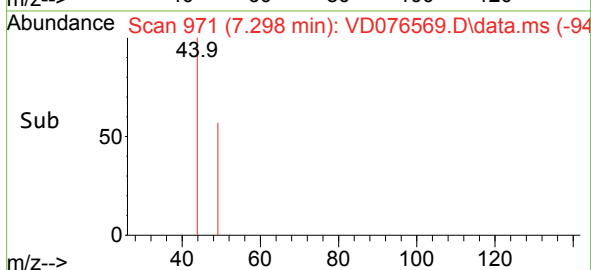
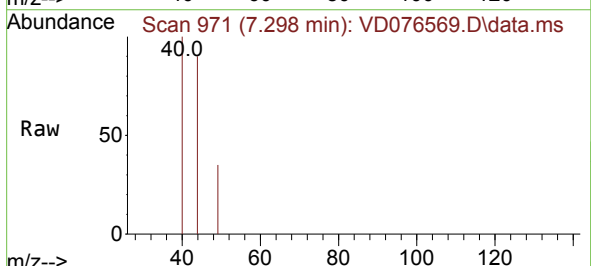
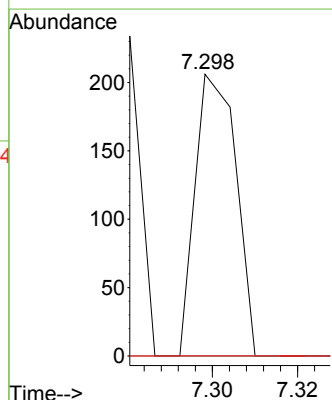
Tgt Ion: 49 Resp: 137

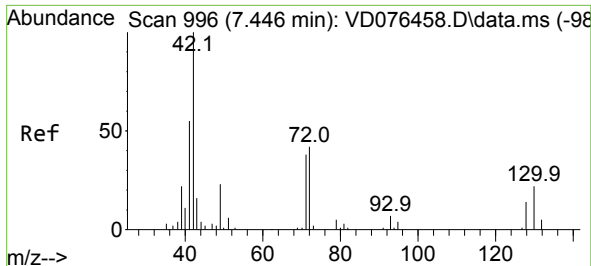
Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.0

130 0.0 83.2 124.8#

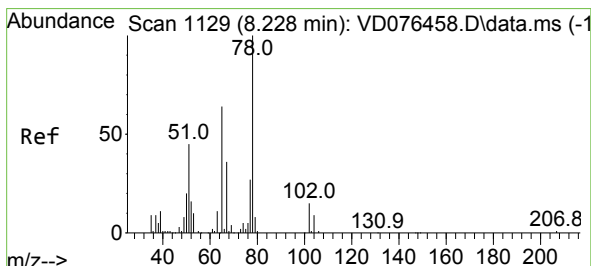
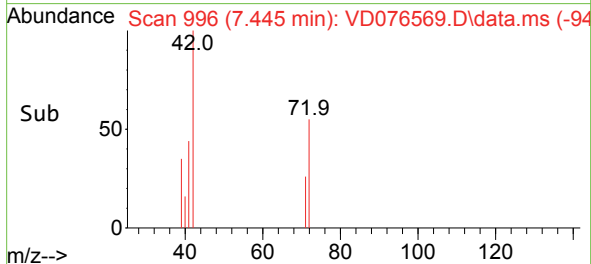
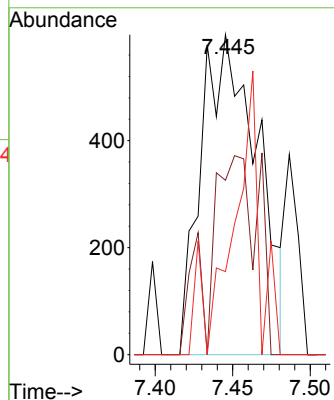
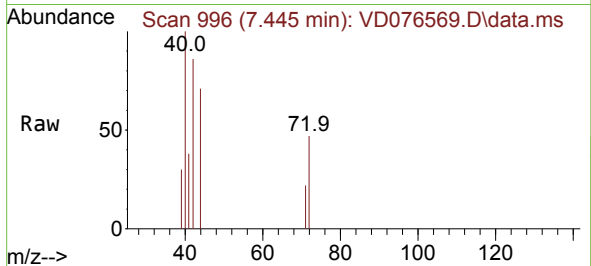




#29
Tetrahydrofuran
Concen: 7.083 ug/l
RT: 7.445 min Scan# 996
Delta R.T. -0.001 min
Lab File: VD076569.D
Acq: 23 Jun 2023 20:33

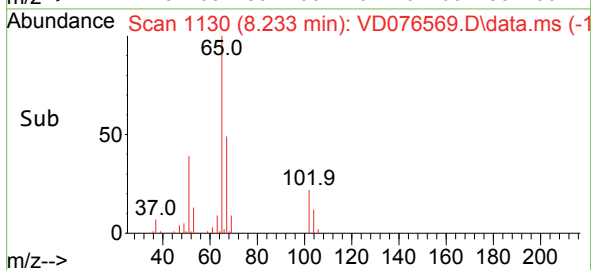
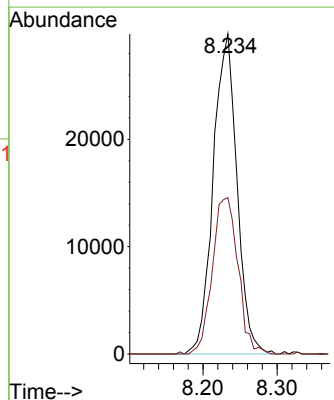
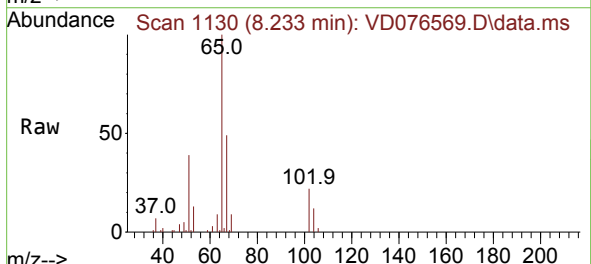
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-21-GRAB-5

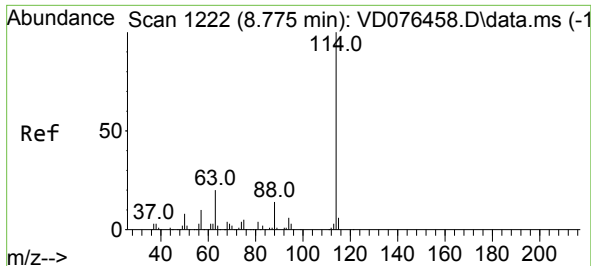
Tgt Ion: 42 Resp: 1518
Ion Ratio Lower Upper
42 100
72 0.0 46.5 69.7#
71 4.9 44.5 66.7#



#33
1,2-Dichloroethane-d4
Concen: 73.255 ug/l
RT: 8.233 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VD076569.D
Acq: 23 Jun 2023 20:33

Tgt Ion: 65 Resp: 66377
Ion Ratio Lower Upper
65 100
67 52.8 0.0 115.0

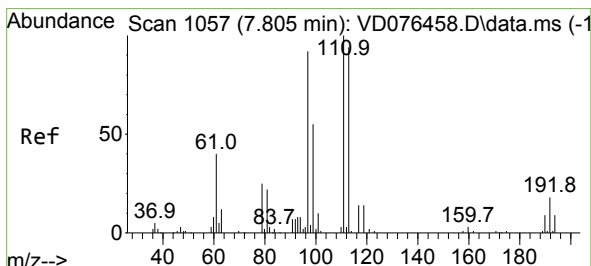
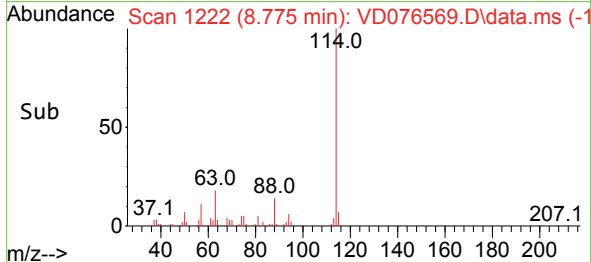
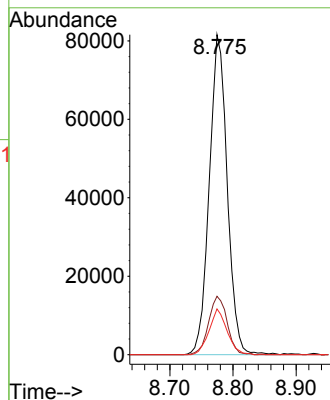
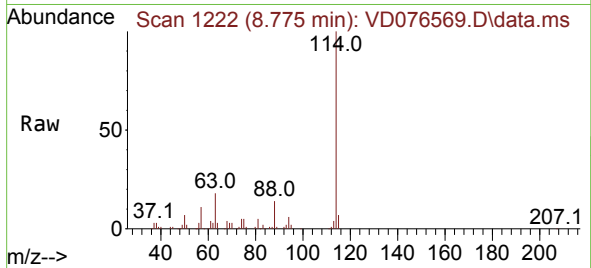




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076569.D
Acq: 23 Jun 2023 20:33

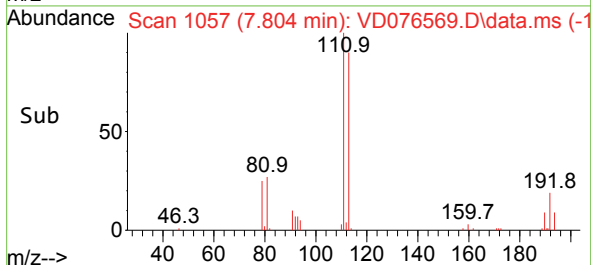
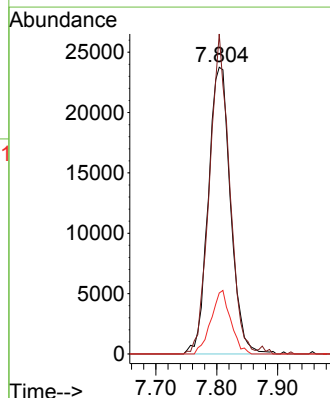
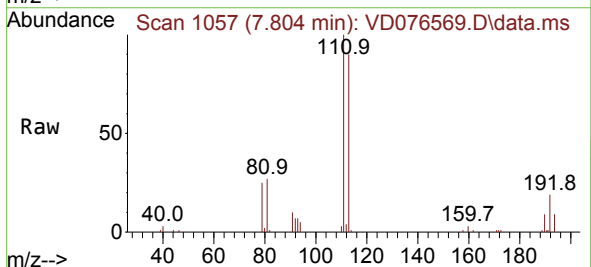
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-21-GRAB-5

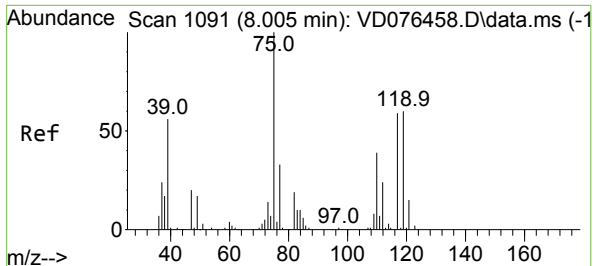
Tgt Ion:114 Resp: 161115
Ion Ratio Lower Upper
114 100
63 18.3 0.0 33.4
88 14.3 0.0 26.2



#35
Dibromofluoromethane
Concen: 63.137 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076569.D
Acq: 23 Jun 2023 20:33

Tgt Ion:113 Resp: 60430
Ion Ratio Lower Upper
113 100
111 100.1 84.7 127.1
192 19.5 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.484 ug/l

RT: 7.881 min Scan# 1091

Delta R.T. -0.124 min

Lab File: VD076569.D

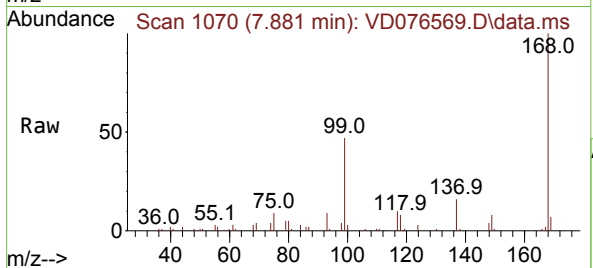
Acq: 23 Jun 2023 20:33

Instrument :

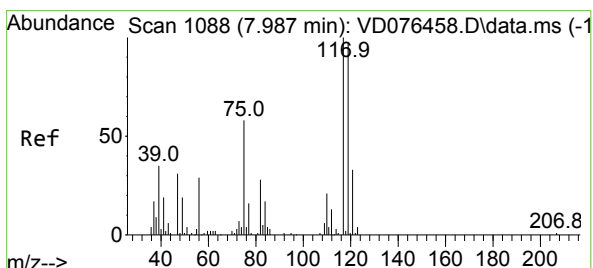
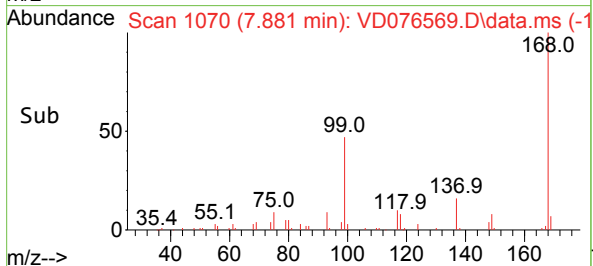
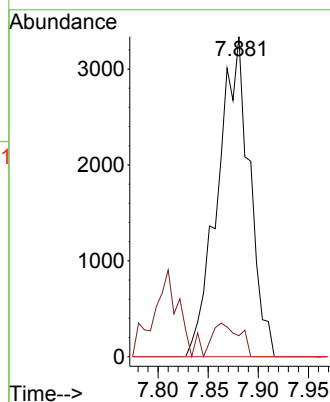
MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-21-GRAB-5



Tgt Ion:	75	Resp:	7351
Ion Ratio	Lower	Upper	
75	100		
110	8.9	19.9	59.6#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 7.190 ug/l

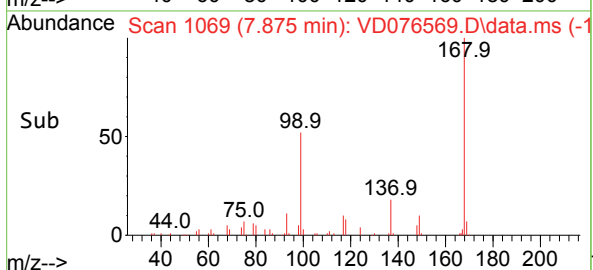
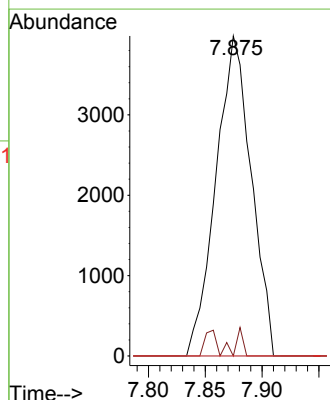
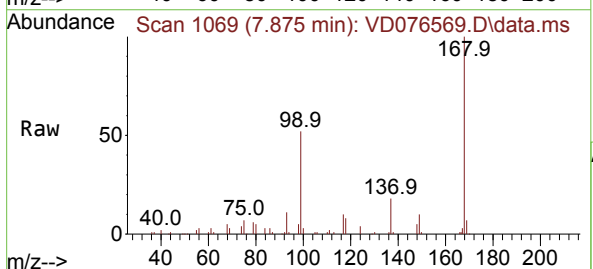
RT: 7.875 min Scan# 1069

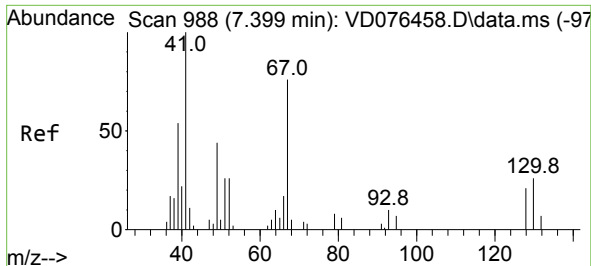
Delta R.T. -0.112 min

Lab File: VD076569.D

Acq: 23 Jun 2023 20:33

Tgt Ion:	117	Resp:	8613
Ion Ratio	Lower	Upper	
117	100		
119	0.0	78.0	117.0#
121	0.0	24.2	36.2#

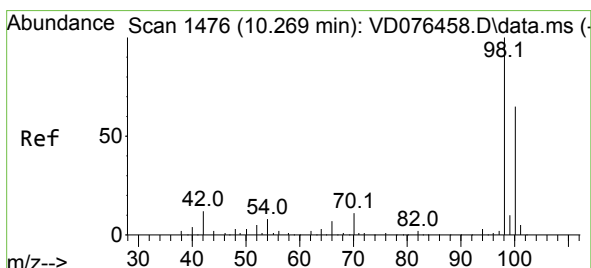
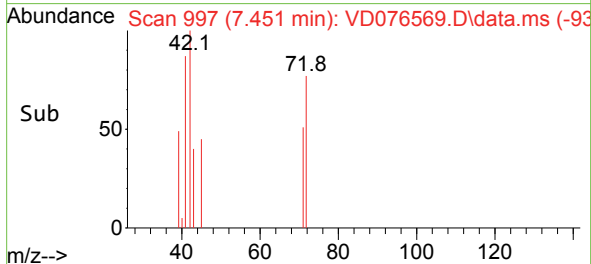
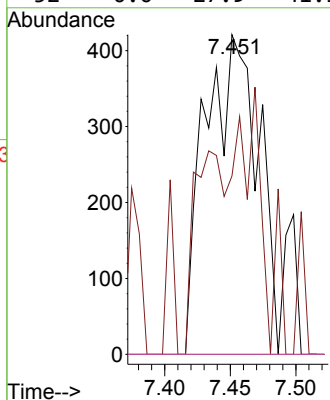
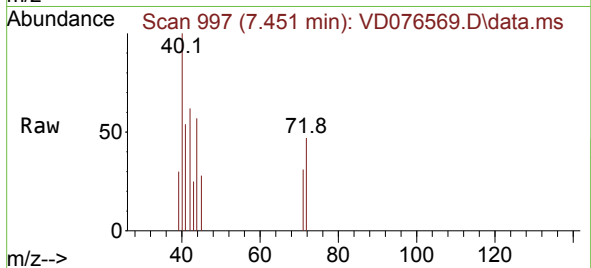




#41
Methacrylonitrile
Concen: 2.711 ug/l
RT: 7.451 min Scan# 997
Delta R.T. 0.052 min
Lab File: VD076569.D
Acq: 23 Jun 2023 20:33

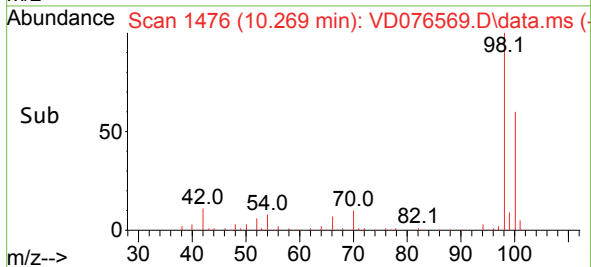
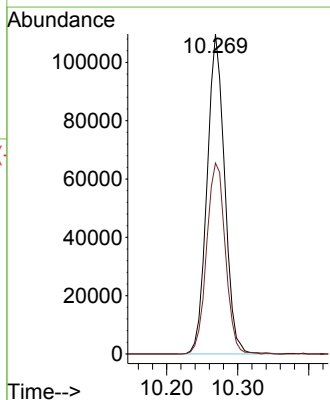
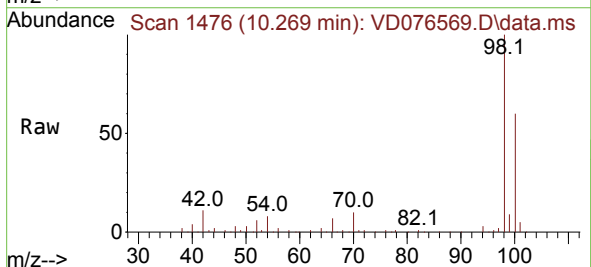
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-21-GRAB-5

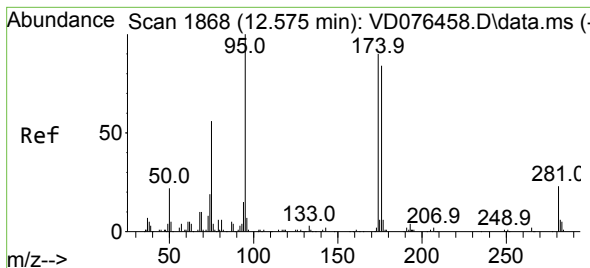
Tgt Ion: 41	Resp: 1189
Ion Ratio	Lower Upper
41	100
39	30.8 34.0 51.0#
67	0.0 77.0 115.4#
52	0.0 27.9 41.9#



#50
Toluene-d8
Concen: 51.952 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076569.D
Acq: 23 Jun 2023 20:33

Tgt Ion: 98	Resp: 188579
Ion Ratio	Lower Upper
98	100
100	63.5 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 34.088 ug/l

RT: 12.574 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD076569.D

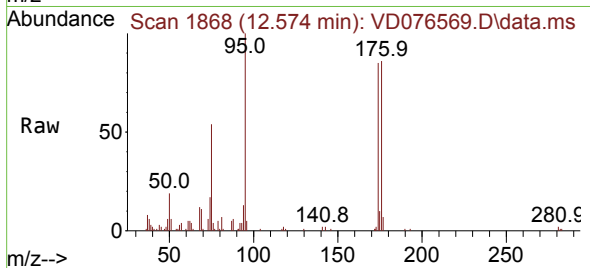
Acq: 23 Jun 2023 20:33

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-21-GRAB-5



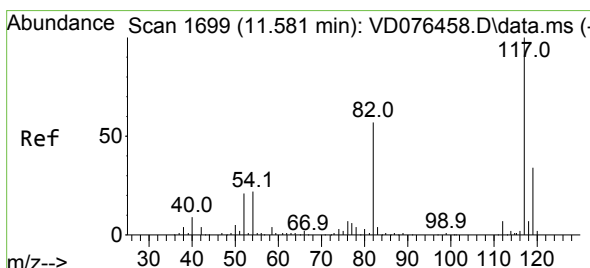
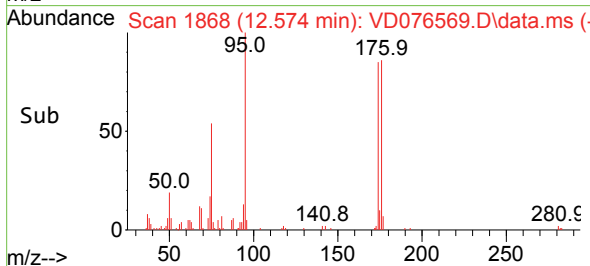
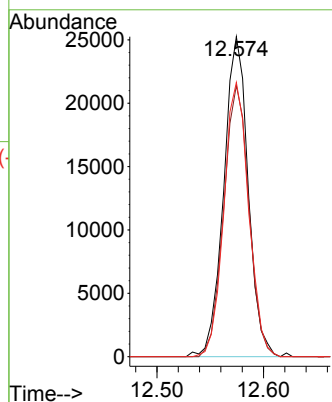
Tgt Ion: 95 Resp: 40158

Ion Ratio Lower Upper

95 100

174 87.1 0.0 201.8

176 87.1 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: VD076569.D

Acq: 23 Jun 2023 20:33

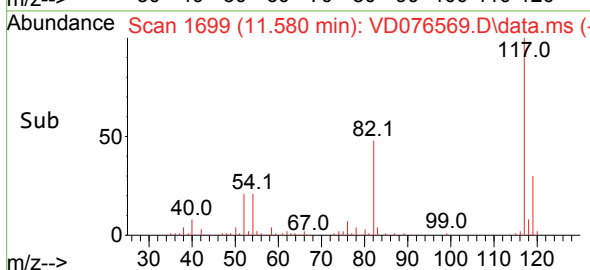
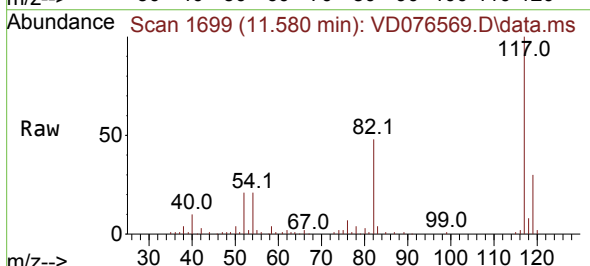
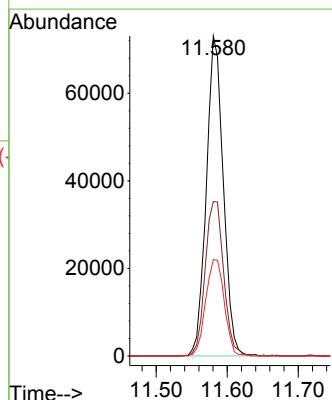
Tgt Ion: 117 Resp: 121491

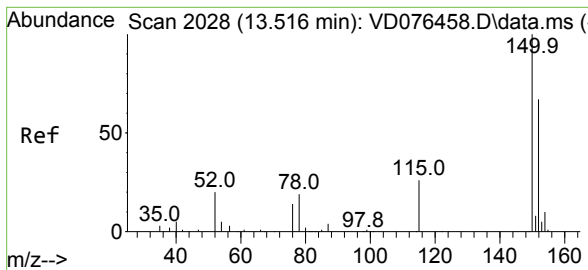
Ion Ratio Lower Upper

117 100

82 48.3 38.3 57.5

119 30.1 25.0 37.4

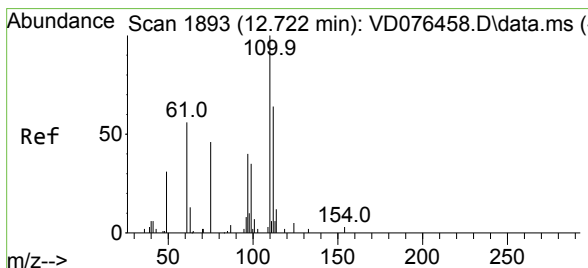
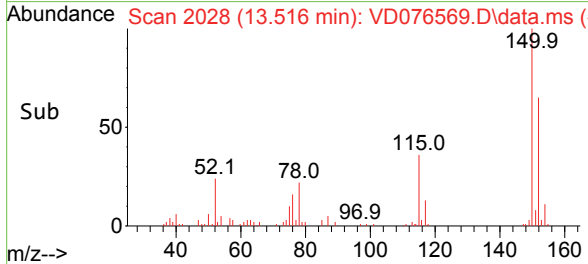
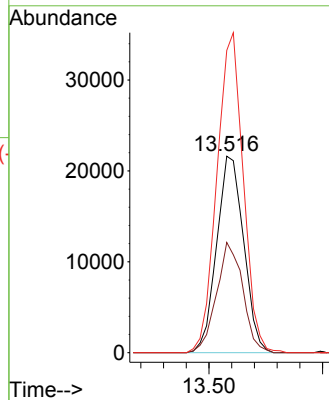
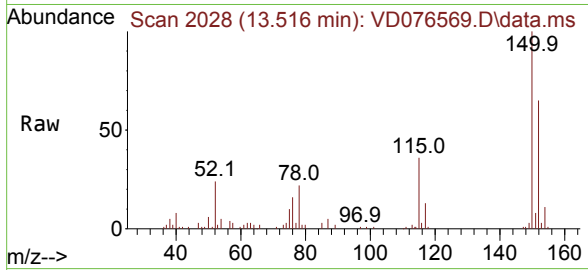




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076569.D
 Acq: 23 Jun 2023 20:33

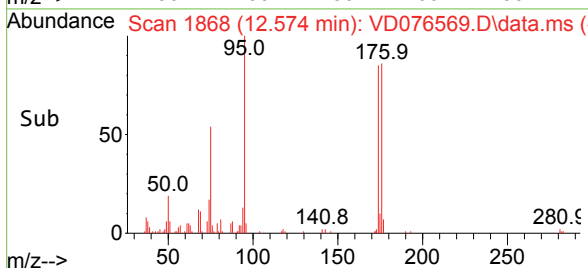
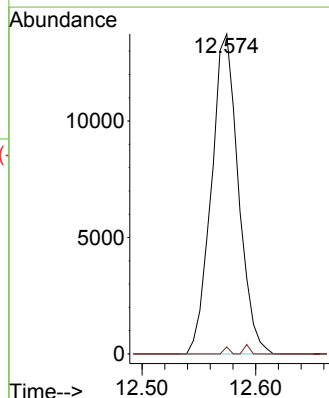
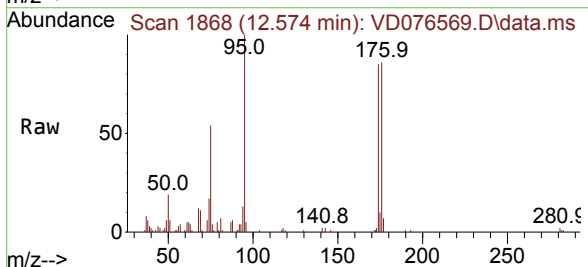
Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-21-GRAB-5

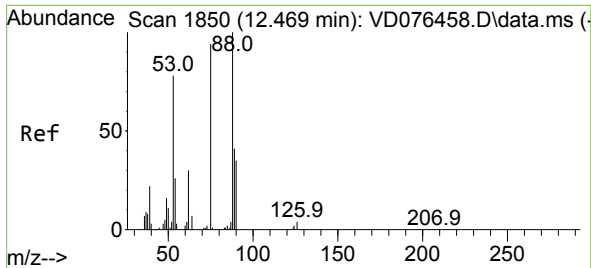
Tgt Ion:152 Resp: 35731
 Ion Ratio Lower Upper
 152 100
 115 54.5 27.1 81.3
 150 158.7 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 63.817 ug/l
 RT: 12.574 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076569.D
 Acq: 23 Jun 2023 20:33

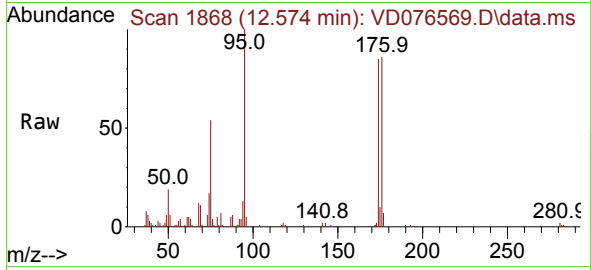
Tgt Ion: 75 Resp: 22631
 Ion Ratio Lower Upper
 75 100
 77 0.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.838 ug/l
 RT: 12.574 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VD076569.D
 Acq: 23 Jun 2023 20:33

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-21-GRAB-5



Tgt Ion:	75	Resp:	22631
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

