

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076567.D
 Acq On : 23 Jun 2023 19:33
 Operator : KP/SY
 Sample : 03361-12
 Misc : 13.31G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-31-36-SB-36-GRAB-5

Quant Time: Jun 24 01:00:00 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)

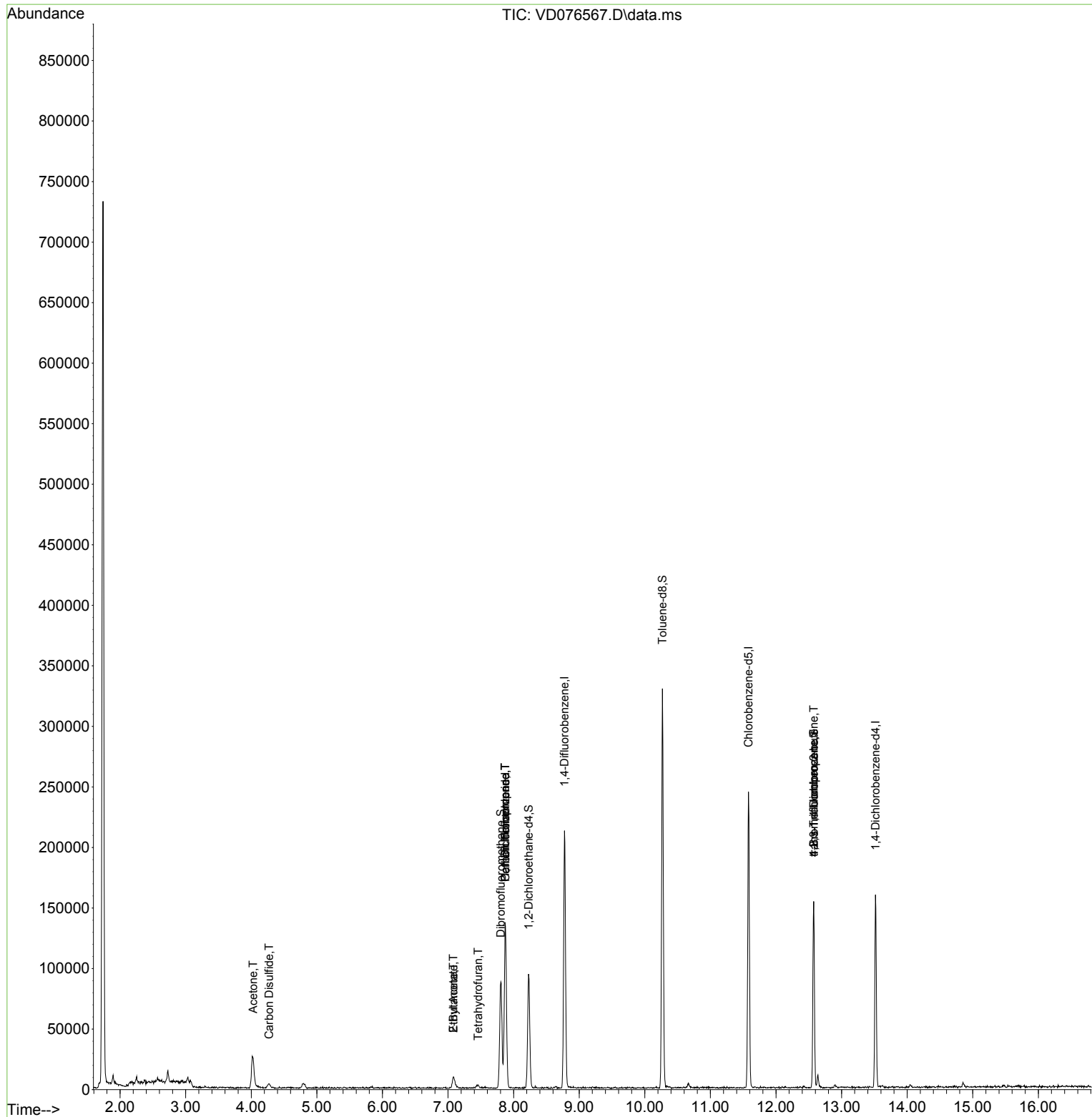
Internal Standards						
1) Pentafluorobenzene	7.875	168	108725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	184337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	136219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	40509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70712	64.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.820%	
35) Dibromofluoromethane	7.805	113	65412	59.732	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.460%	
50) Toluene-d8	10.269	98	215870	51.978	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.960%	
62) 4-Bromofluorobenzene	12.575	95	43761	32.467	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 64.940%	
Target Compounds						Qvalue
16) Acetone	4.028	43	45840	176.839	ug/l	87
17) Carbon Disulfide	4.269	76	6514	2.396	ug/l	100
20) Methylene Chloride	4.799	84	2716	Below Cal	#	87
25) 2-Butanone	7.081	43	17068	42.571	ug/l #	71
28) Bromochloromethane	7.428	49	62	Below Cal	#	1
29) Tetrahydrofuran	7.457	42	1680	6.520	ug/l #	53
36) 1,1-Dichloropropene	7.869	75	7977	5.202	ug/l #	47
37) Ethyl Acetate	7.081	43	17068	19.207	ug/l #	62
38) Carbon Tetrachloride	7.875	117	10402	7.589	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	25428	63.247	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	25428	138.589	ug/l #	17

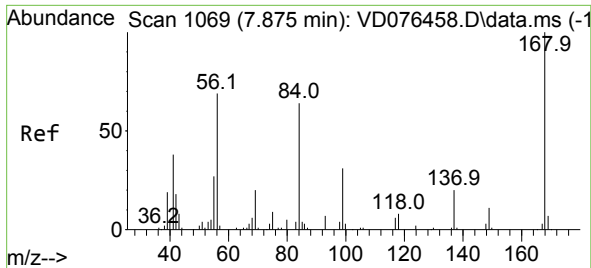
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TOTAL-VOC-SB-31-36-SB-36-GRAB-5

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Quant Title : SW846 8260
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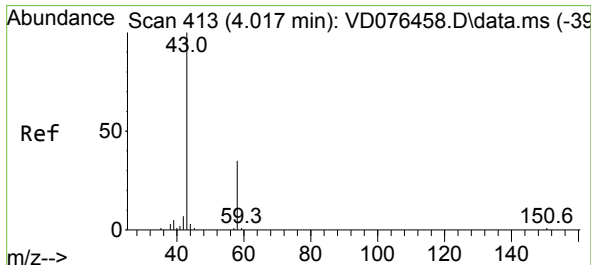
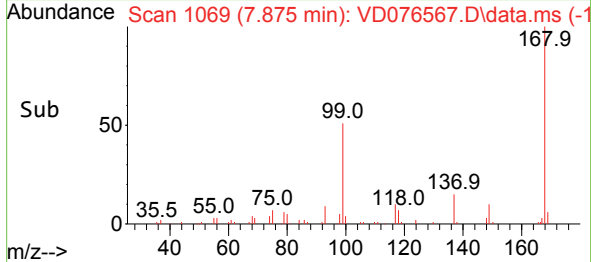
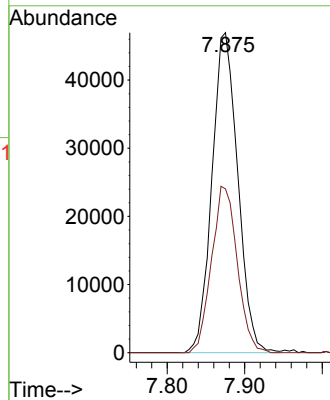
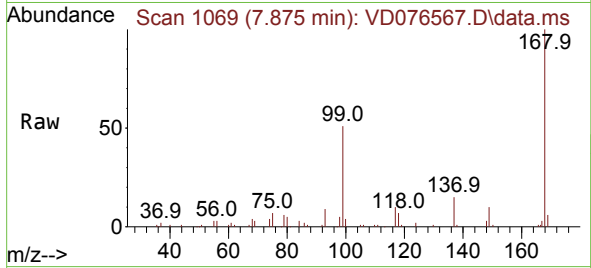




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076567.D
Acq: 23 Jun 2023 19:33

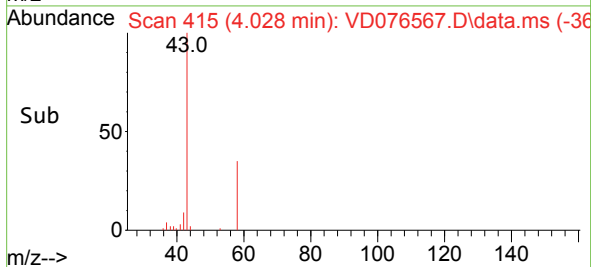
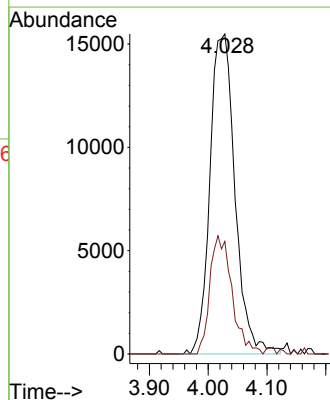
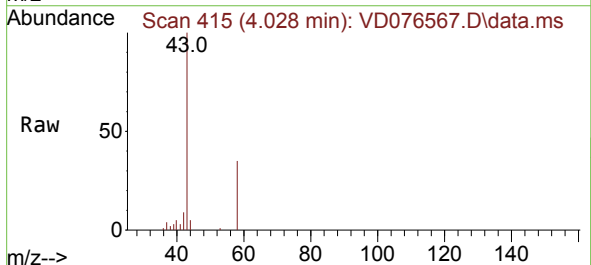
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-31-36-SB-36-GRAB-5

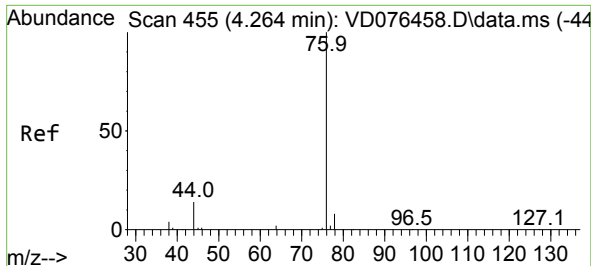
Tgt Ion:168 Resp: 108725
Ion Ratio Lower Upper
168 100
99 51.2 36.7 55.1



#16
Acetone
Concen: 176.839 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD076567.D
Acq: 23 Jun 2023 19:33

Tgt Ion: 43 Resp: 45840
Ion Ratio Lower Upper
43 100
58 35.2 34.7 52.1

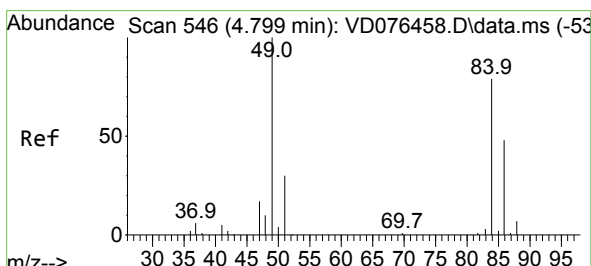
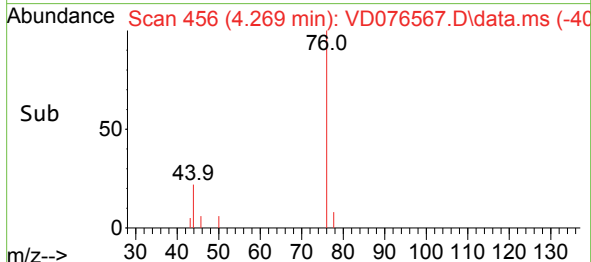
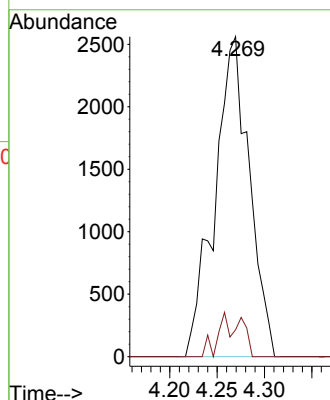
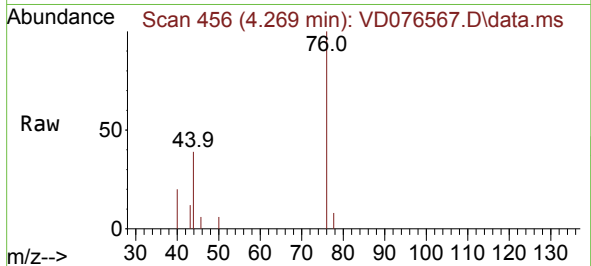




#17
Carbon Disulfide
Concen: 2.396 ug/l
RT: 4.269 min Scan# 455
Delta R.T. 0.006 min
Lab File: VD076567.D
Acq: 23 Jun 2023 19:33

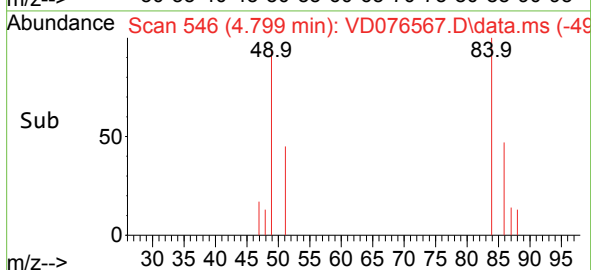
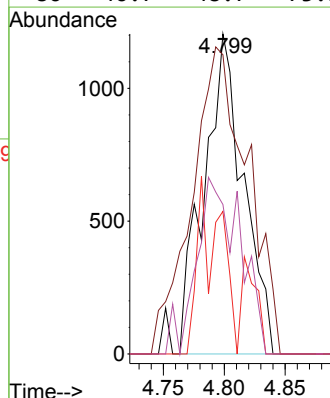
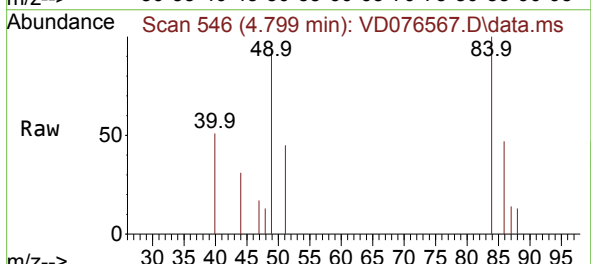
Instrument : MSVOA_D
ClientSampleId : TOTAL-VOC-SB-31-36-SB-36-GRAB-5

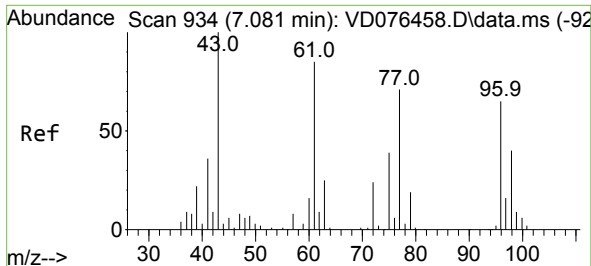
Tgt Ion: 76 Resp: 6514
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076567.D
Acq: 23 Jun 2023 19:33

Tgt Ion: 84 Resp: 2716
Ion Ratio Lower Upper
84 100
49 93.5 71.4 107.2
51 44.6 24.5 36.7#
86 46.7 48.7 73.1#

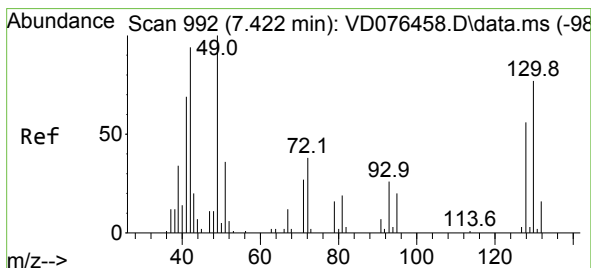
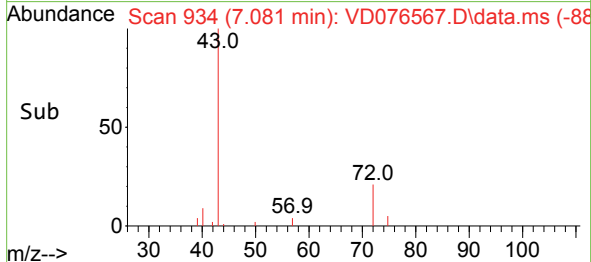
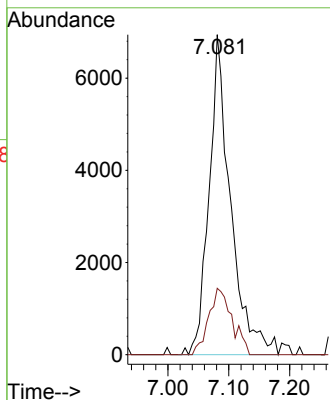
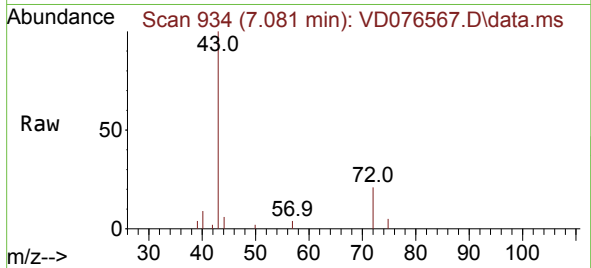




#25
2-Butanone
Concen: 42.571 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076567.D
Acq: 23 Jun 2023 19:33

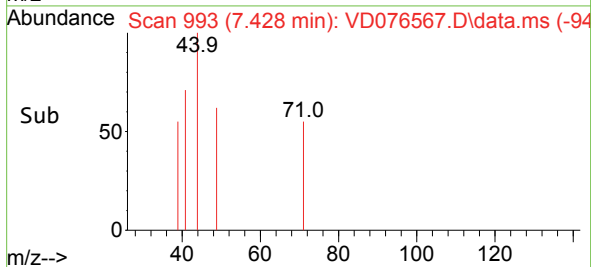
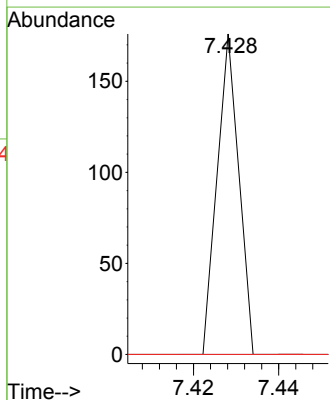
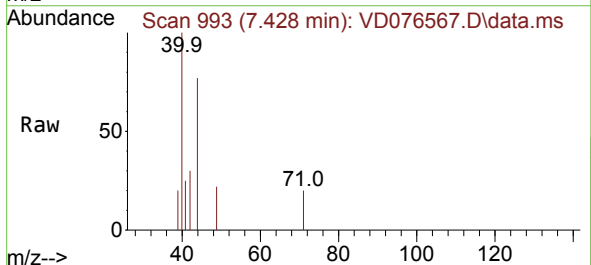
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-31-36-SB-36-GRAB-5

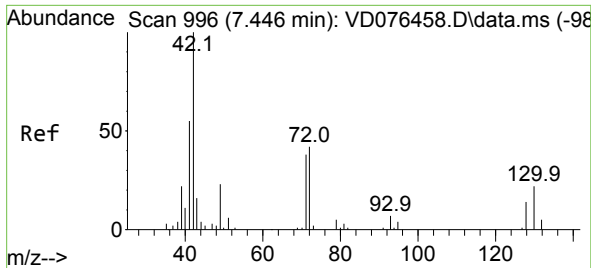
Tgt Ion: 43 Resp: 17068
Ion Ratio Lower Upper
43 100
72 20.8 30.7 46.1#



#28
Bromochloromethane
Concen: Below Cal
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076567.D
Acq: 23 Jun 2023 19:33

Tgt Ion: 49 Resp: 62
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#

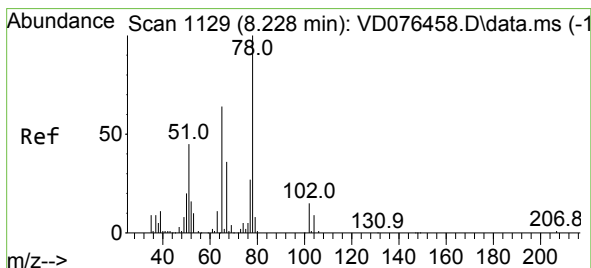
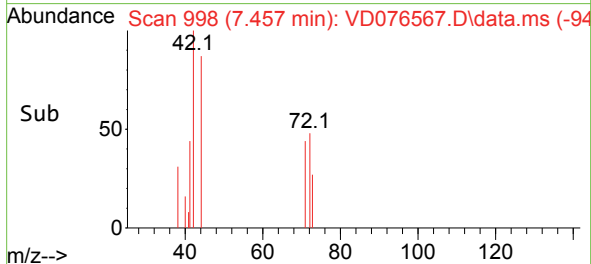
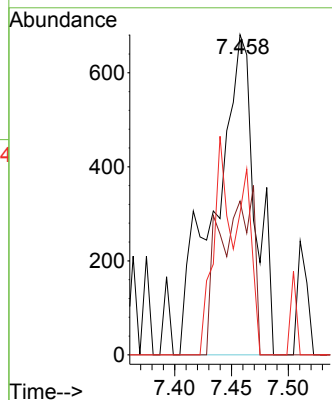
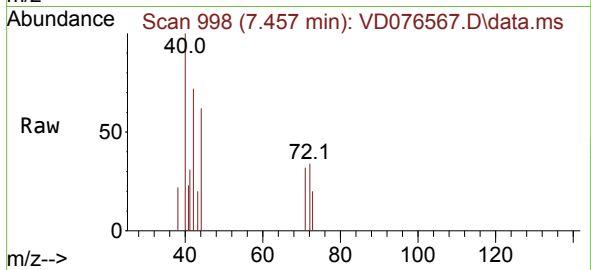




#29
Tetrahydrofuran
Concen: 6.520 ug/l
RT: 7.457 min Scan# 998
Delta R.T. 0.011 min
Lab File: VD076567.D
Acq: 23 Jun 2023 19:33

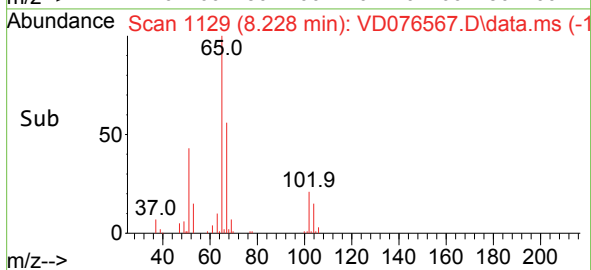
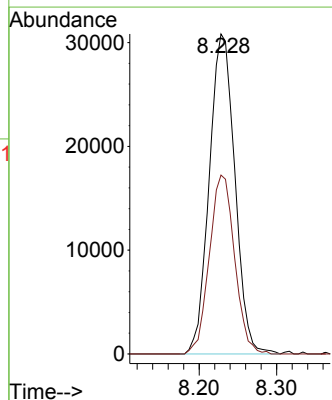
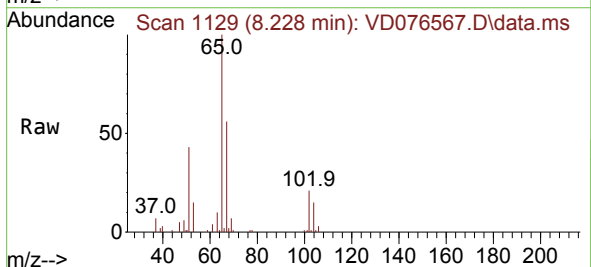
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-31-36-SB-36-GRAB-5

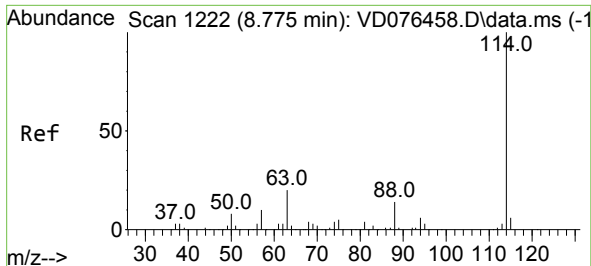
Tgt Ion: 42 Resp: 1680
Ion Ratio Lower Upper
42 100
72 26.0 46.5 69.7#
71 18.6 44.5 66.7#



#33
1,2-Dichloroethane-d4
Concen: 64.913 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076567.D
Acq: 23 Jun 2023 19:33

Tgt Ion: 65 Resp: 70712
Ion Ratio Lower Upper
65 100
67 55.2 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: VD076567.D

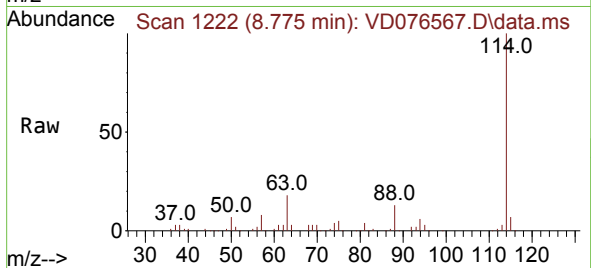
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Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-31-36-SB-36-GRAB-5



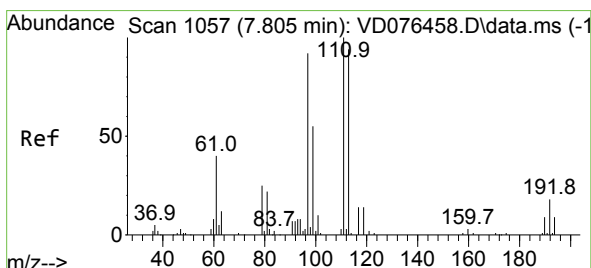
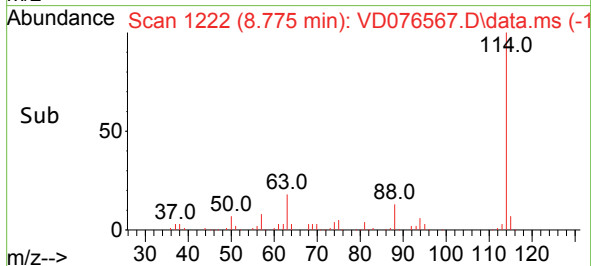
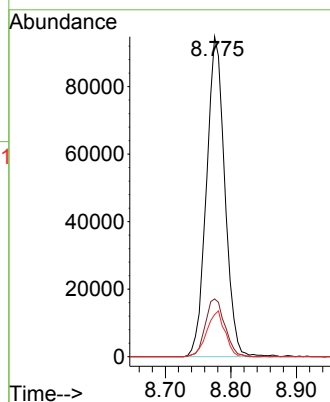
Tgt Ion:114 Resp: 184337

Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 13.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 59.732 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076567.D

Acq: 23 Jun 2023 19:33

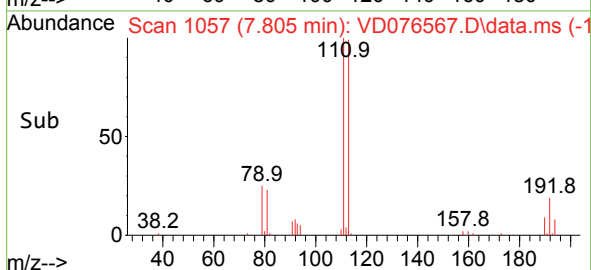
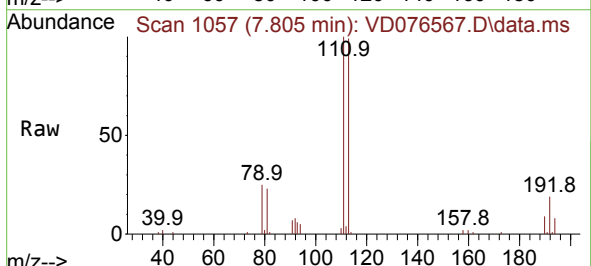
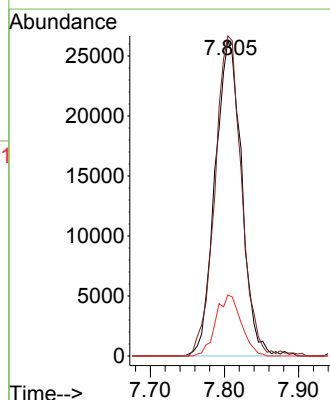
Tgt Ion:113 Resp: 65412

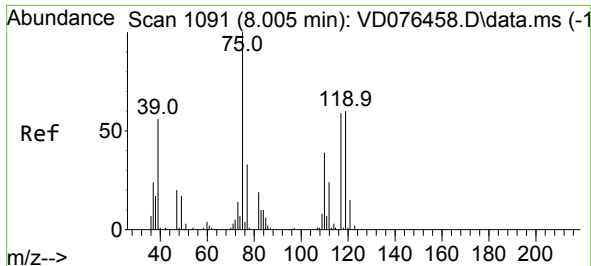
Ion Ratio Lower Upper

113 100

111 100.8 84.7 127.1

192 18.5 16.8 25.2

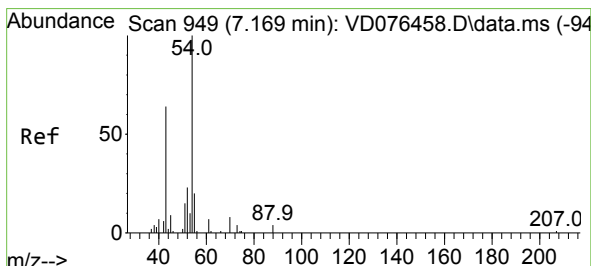
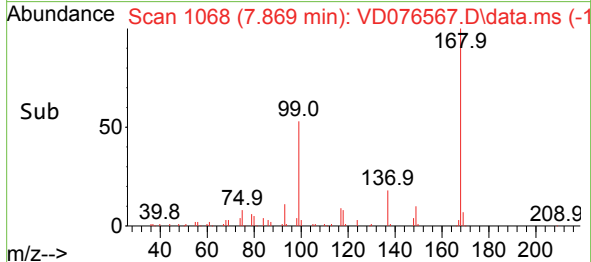
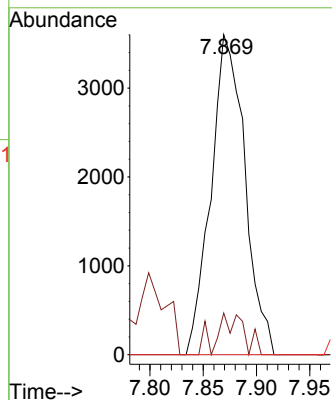
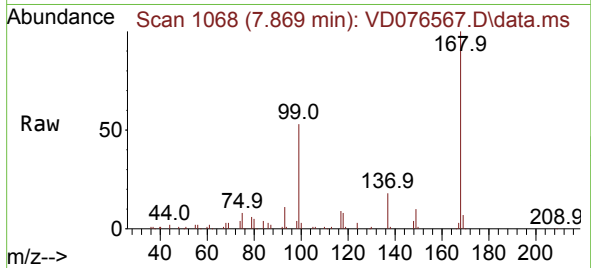




#36
1,1-Dichloropropene
Concen: 5.202 ug/l
RT: 7.869 min Scan# 1091
Delta R.T. -0.135 min
Lab File: VD076567.D
Acq: 23 Jun 2023 19:33

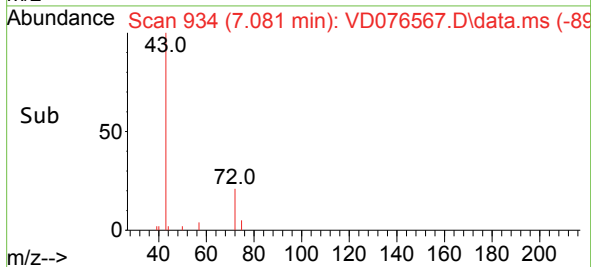
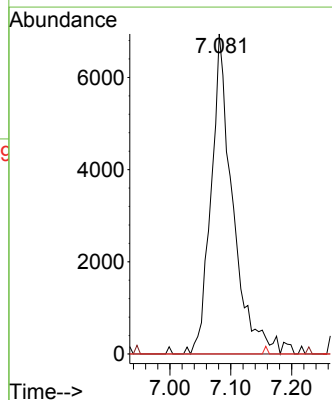
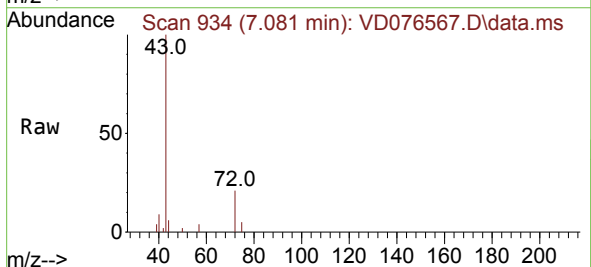
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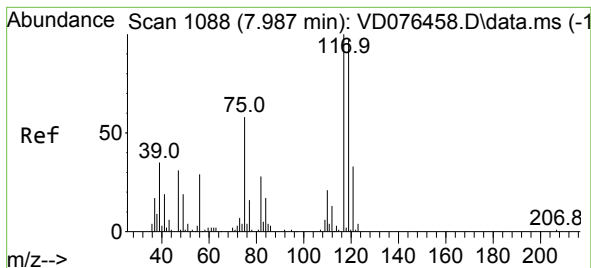
Tgt Ion: 75 Resp: 7977
Ion Ratio Lower Upper
75 100
110 8.9 19.9 59.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 19.207 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.088 min
Lab File: VD076567.D
Acq: 23 Jun 2023 19:33

Tgt Ion: 43 Resp: 17068
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 0.0 10.0 15.0#





#38

Carbon Tetrachloride

Concen: 7.589 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD076567.D

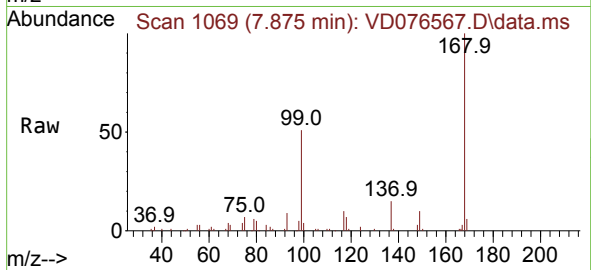
Acq: 23 Jun 2023 19:33

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-31-36-SB-36-GRAB-5



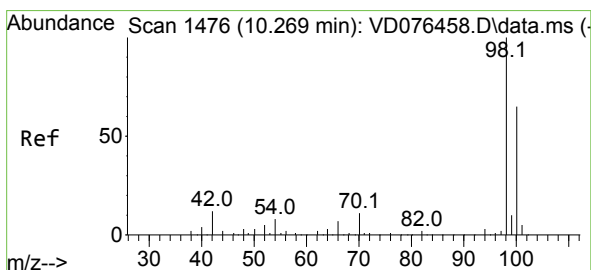
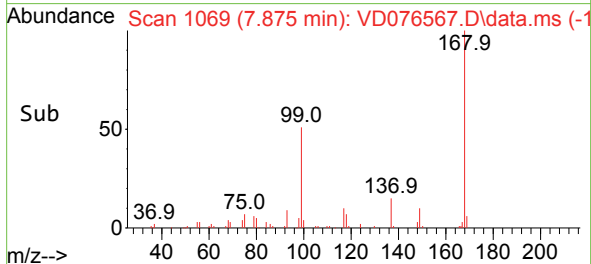
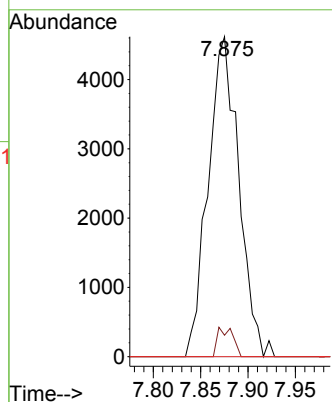
Tgt Ion:117 Resp: 10402

Ion Ratio Lower Upper

117 100

119 6.7 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 51.978 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076567.D

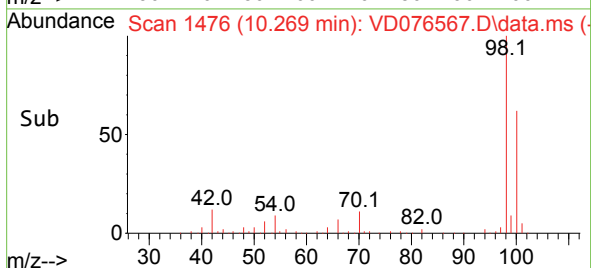
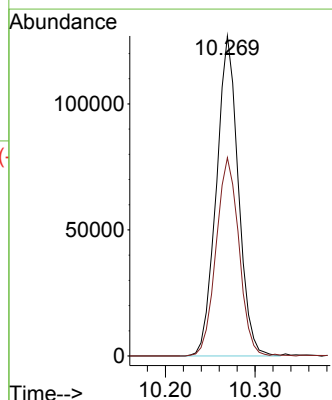
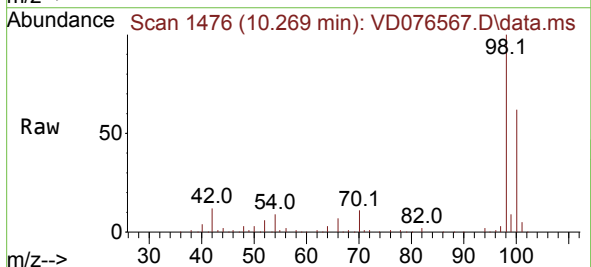
Acq: 23 Jun 2023 19:33

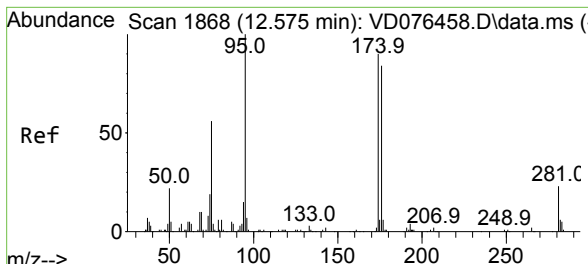
Tgt Ion: 98 Resp: 215870

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5

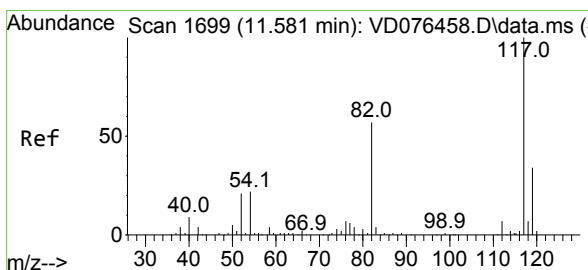
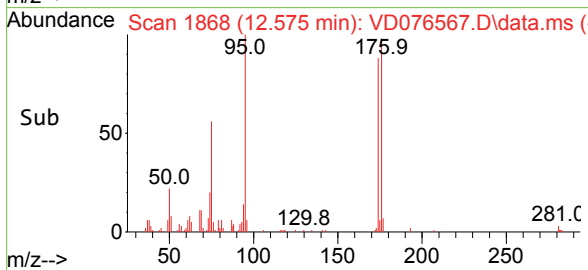
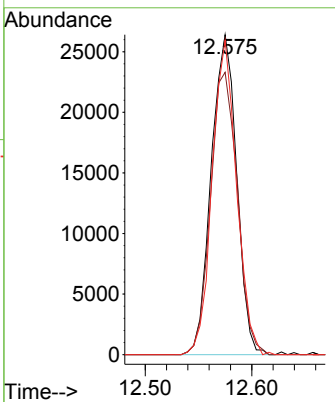
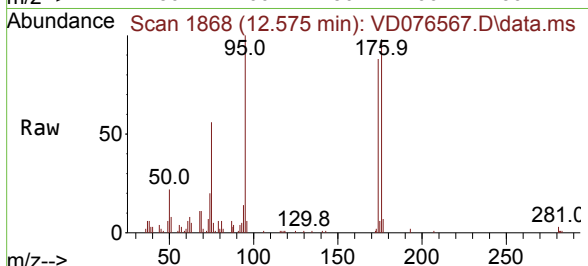




#62
 4-Bromofluorobenzene
 Concen: 32.467 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VD076567.D
 Acq: 23 Jun 2023 19:33

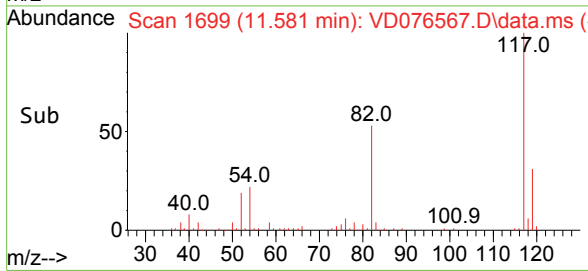
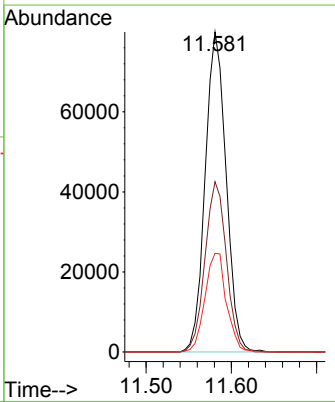
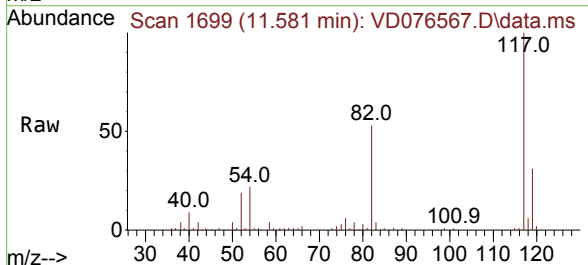
Instrument : MSVOA_D
 ClientSampleId : TOTAL-VOC-SB-31-36-SB-36-GRAB-5

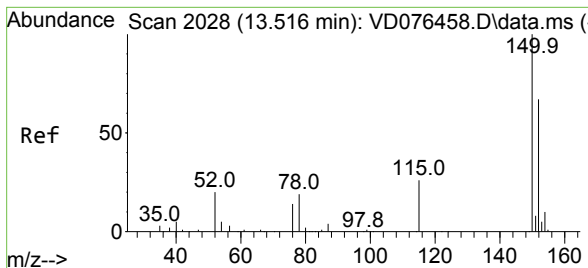
Tgt Ion:	95	Resp:	43761
Ion Ratio	Lower	Upper	
95	100		
174	93.2	0.0	201.8
176	94.5	0.0	191.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VD076567.D
 Acq: 23 Jun 2023 19:33

Tgt Ion:	117	Resp:	136219
Ion Ratio	Lower	Upper	
117	100		
82	53.2	38.3	57.5
119	30.8	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: VD076567.D

Acq: 23 Jun 2023 19:33

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-31-36-SB-36-GRAB-5

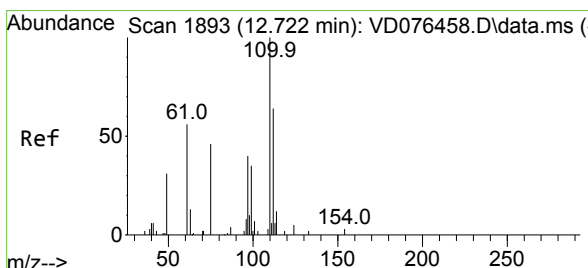
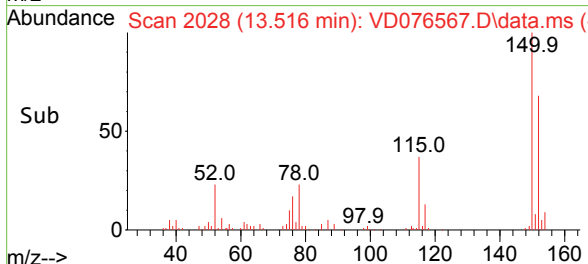
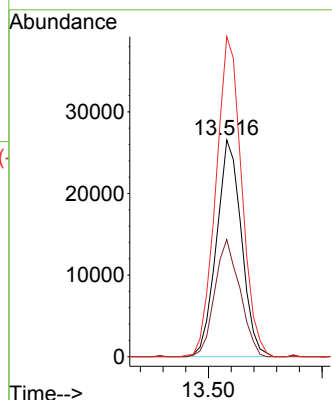
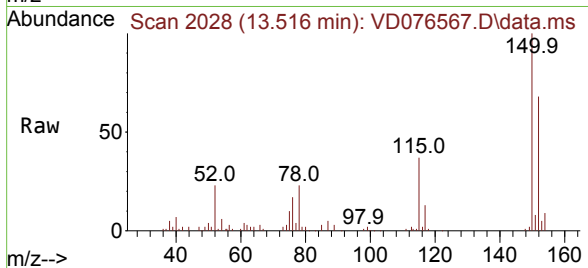
Tgt Ion:152 Resp: 40509

Ion Ratio Lower Upper

152 100

115 54.5 27.1 81.3

150 152.8 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 63.247 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD076567.D

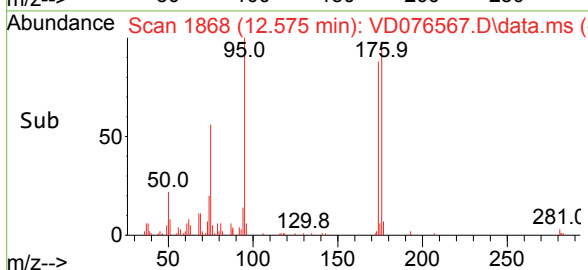
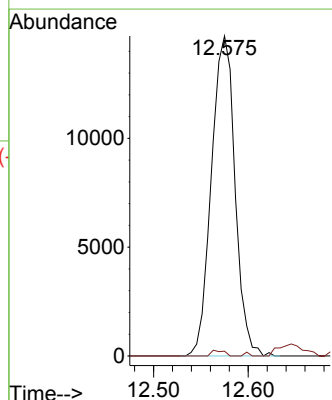
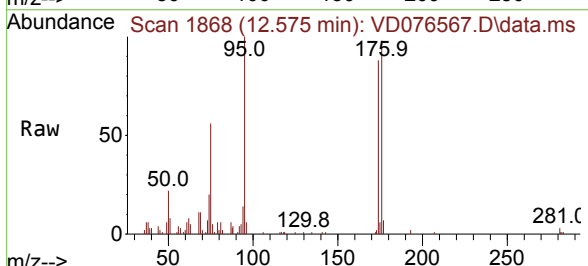
Acq: 23 Jun 2023 19:33

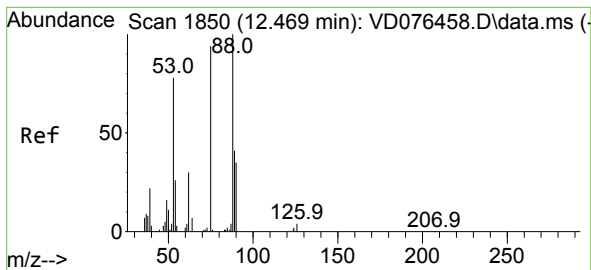
Tgt Ion: 75 Resp: 25428

Ion Ratio Lower Upper

75 100

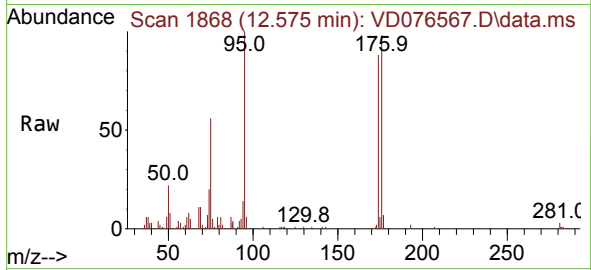
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.589 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076567.D
 Acq: 23 Jun 2023 19:33

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-31-36-SB-36-GRAB-5



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

