

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062623\
 Data File : VD076584.D
 Acq On : 26 Jun 2023 16:57
 Operator : KP/SY
 Sample : 03361-18RE
 Misc : 11.10G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jun 27 04:28:41 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)

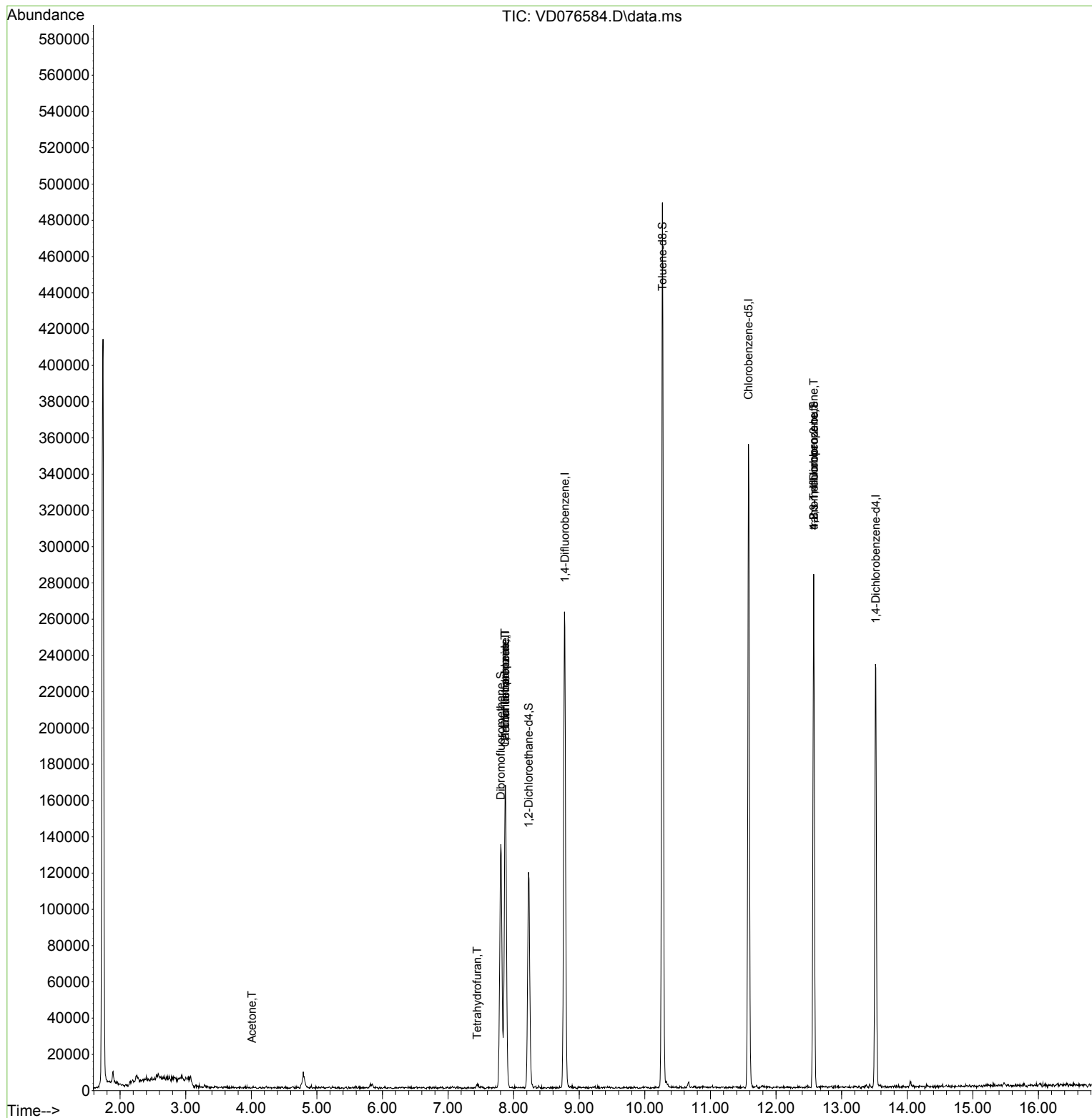
Internal Standards						
1) Pentafluorobenzene	7.875	168	132317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	229644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	192930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	62878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90927	68.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.180%	
35) Dibromofluoromethane	7.804	113	95483	69.990	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 139.980%	
50) Toluene-d8	10.269	98	318883	61.634	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 123.260%	
62) 4-Bromofluorobenzene	12.575	95	78411	46.697	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.400%	
Target Compounds						
					Qvalue	
16) Acetone	4.010	43	420	1.331	ug/l #	32
20) Methylene Chloride	4.793	84	4758	Below Cal	#	57
28) Bromochloromethane	7.498	49	59	Below Cal	#	1
29) Tetrahydrofuran	7.445	42	1429	4.557	ug/l #	47
36) 1,1-Dichloropropene	7.869	75	9472	4.958	ug/l #	47
38) Carbon Tetrachloride	7.869	117	13504	7.908	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	42654	68.351	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	42654	149.771	ug/l #	17

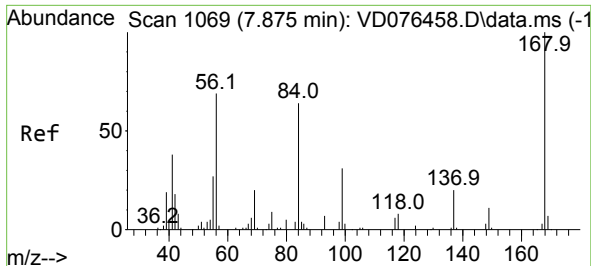
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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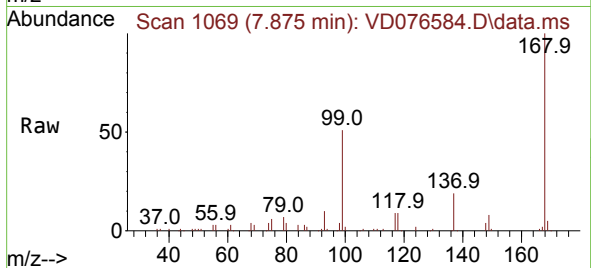
Quant Time: Jun 27 04:28:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration



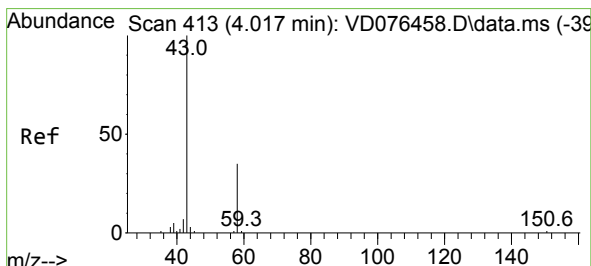
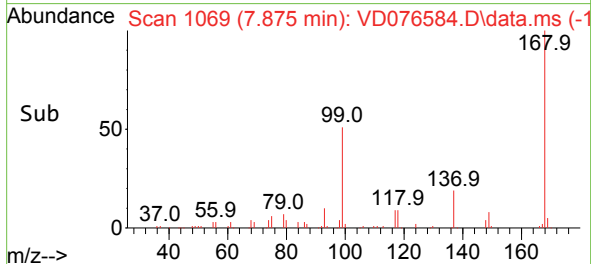
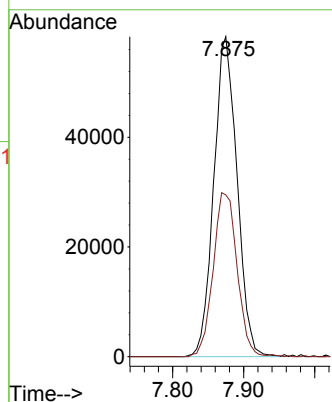


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076584.D
Acq: 26 Jun 2023 16:57

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

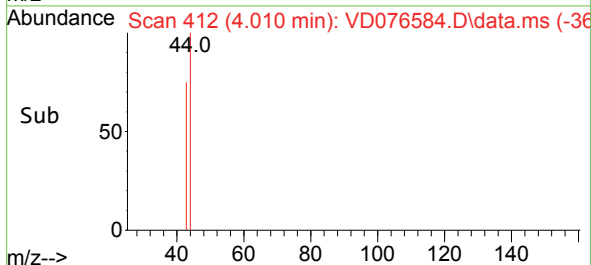
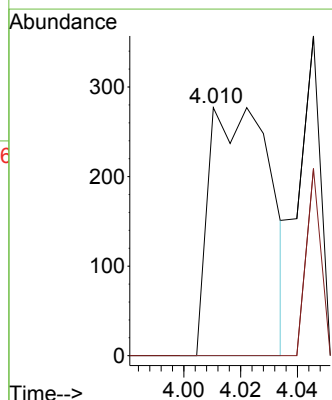
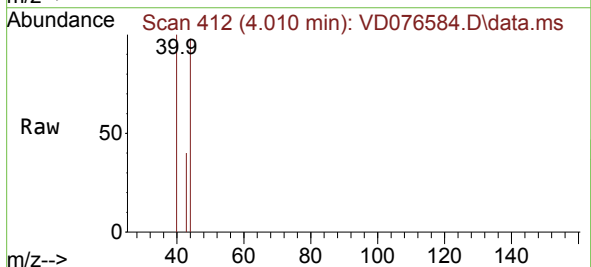


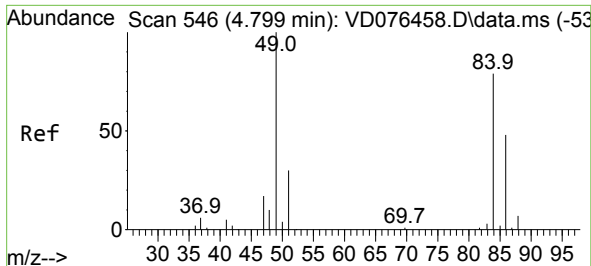
Tgt Ion:168 Resp: 132317
Ion Ratio Lower Upper
168 100
99 50.5 36.7 55.1



#16
Acetone
Concen: 1.331 ug/l
RT: 4.010 min Scan# 412
Delta R.T. -0.006 min
Lab File: VD076584.D
Acq: 26 Jun 2023 16:57

Tgt Ion: 43 Resp: 420
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#

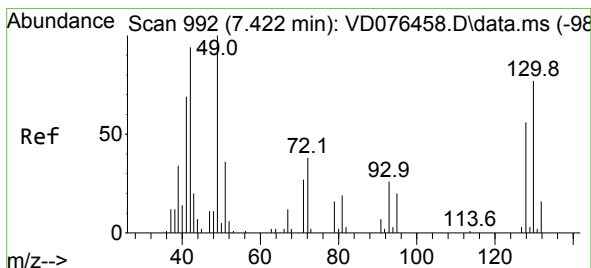
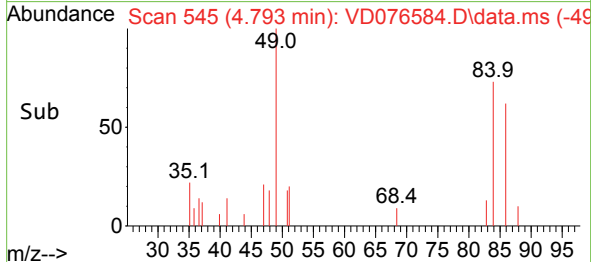
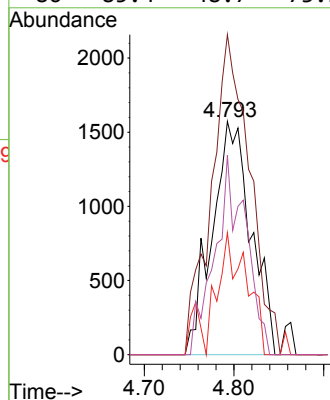
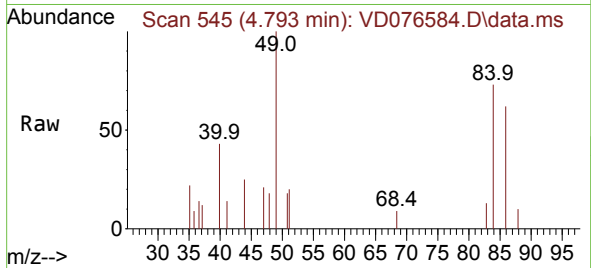




#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD076584.D
Acq: 26 Jun 2023 16:57

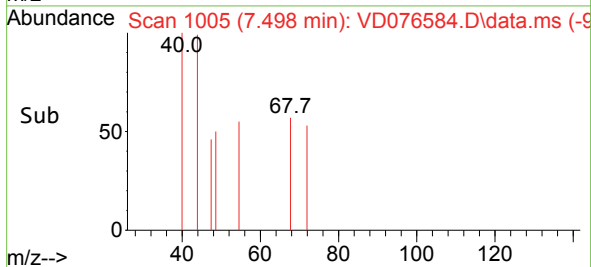
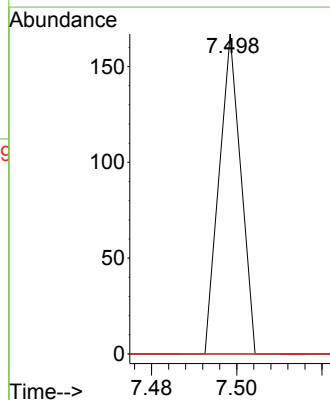
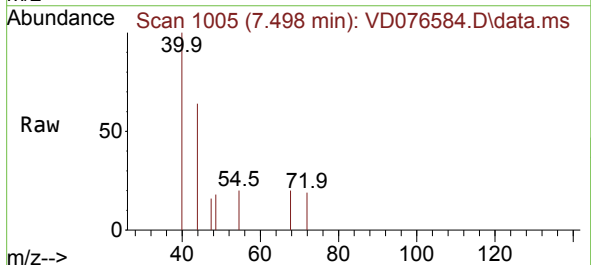
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-21-GRAB-5

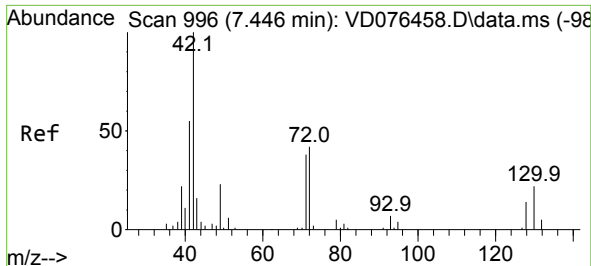
Tgt Ion:	84	Resp:	4758
Ion	Ratio	Lower	Upper
84	100		
49	137.2	71.4	107.2#
51	52.3	24.5	36.7#
86	85.4	48.7	73.1#



#28
Bromochloromethane
Concen: Below Cal
RT: 7.498 min Scan# 1005
Delta R.T. 0.076 min
Lab File: VD076584.D
Acq: 26 Jun 2023 16:57

Tgt Ion:	49	Resp:	59
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	6.0
130	0.0	83.2	124.8#





#29

Tetrahydrofuran

Concen: 4.557 ug/l

RT: 7.445 min Scan# 996

Delta R.T. -0.001 min

Lab File: VD076584.D

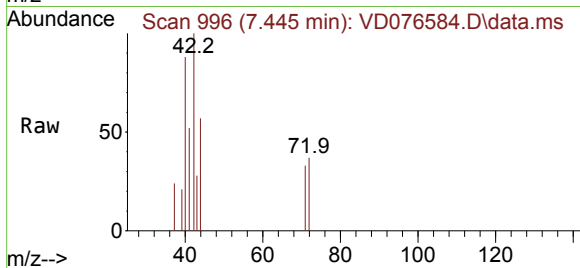
Acq: 26 Jun 2023 16:57

Instrument :

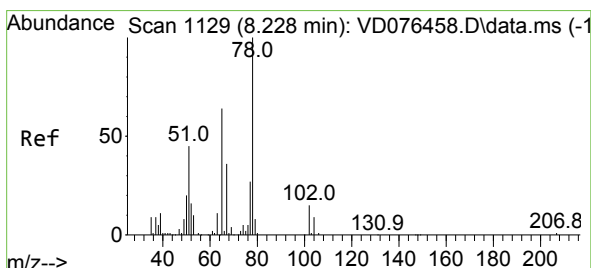
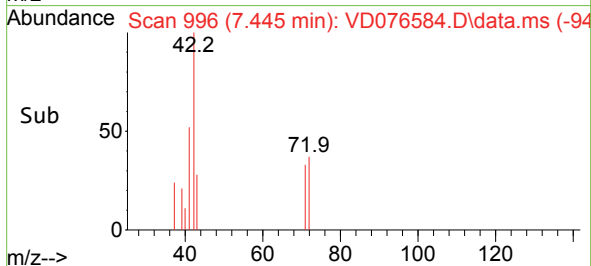
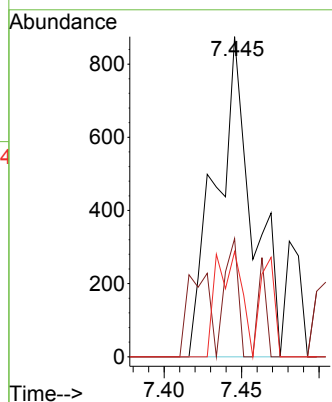
MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-21-GRAB-5



Tgt Ion:	42	Resp:	1429
Ion	Ratio	Lower	Upper
42	100		
72	13.7	46.5	69.7#
71	22.7	44.5	66.7#



#33

1,2-Dichloroethane-d4

Concen: 68.588 ug/l

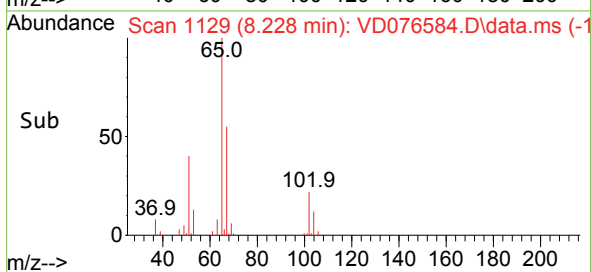
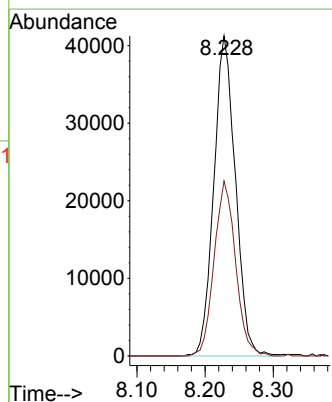
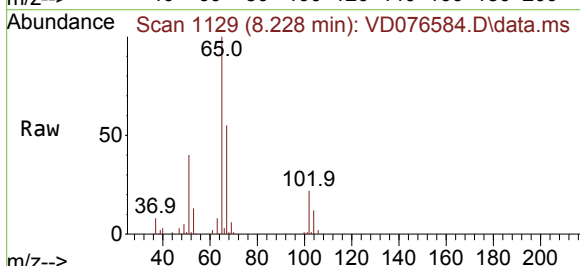
RT: 8.228 min Scan# 1129

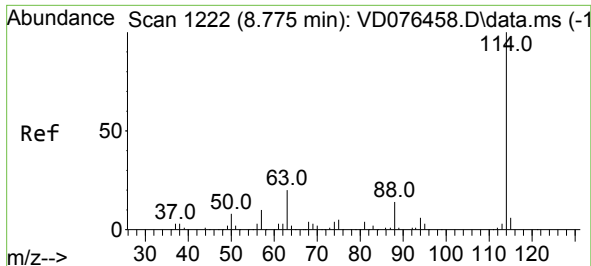
Delta R.T. -0.000 min

Lab File: VD076584.D

Acq: 26 Jun 2023 16:57

Tgt Ion:	65	Resp:	90927
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD076584.D

Acq: 26 Jun 2023 16:57

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-21-GRAB-5

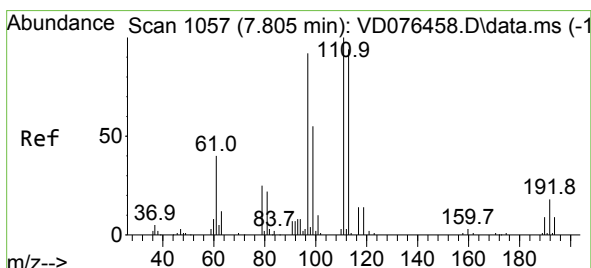
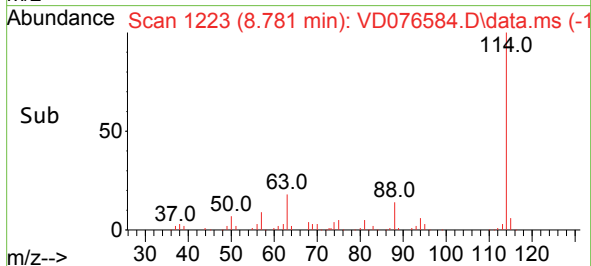
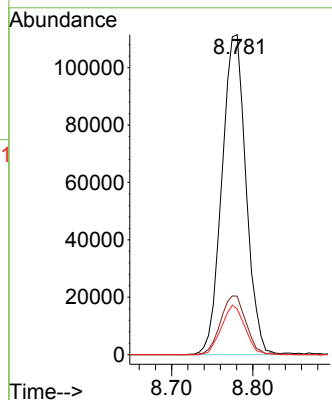
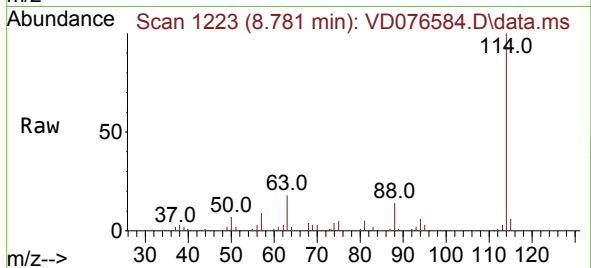
Tgt Ion:114 Resp: 229644

Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

88 14.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 69.990 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076584.D

Acq: 26 Jun 2023 16:57

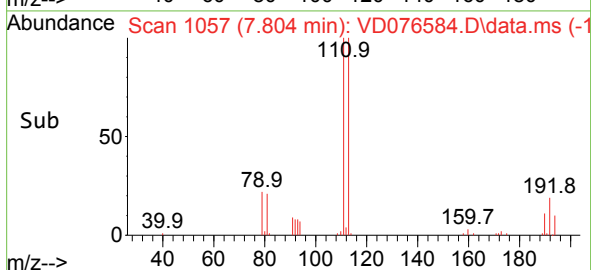
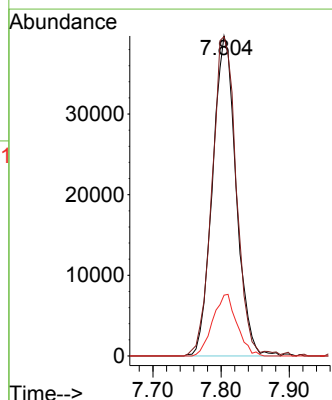
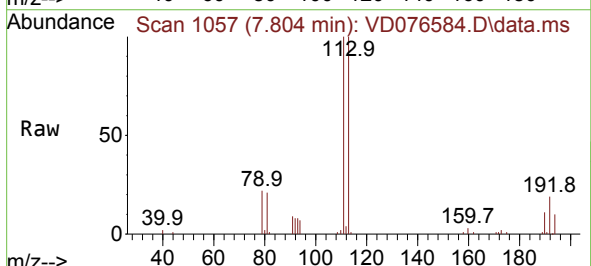
Tgt Ion:113 Resp: 95483

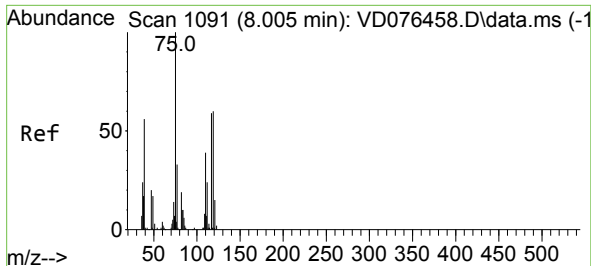
Ion Ratio Lower Upper

113 100

111 103.0 84.7 127.1

192 19.7 16.8 25.2

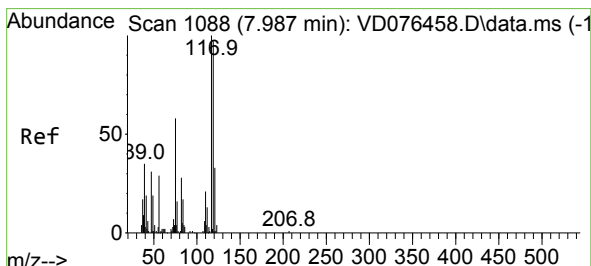
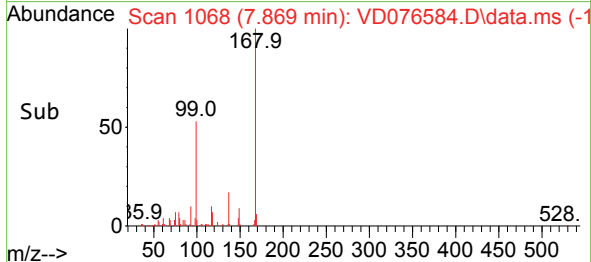
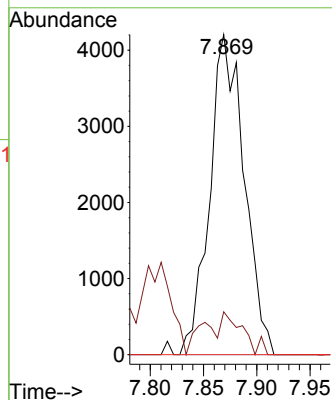
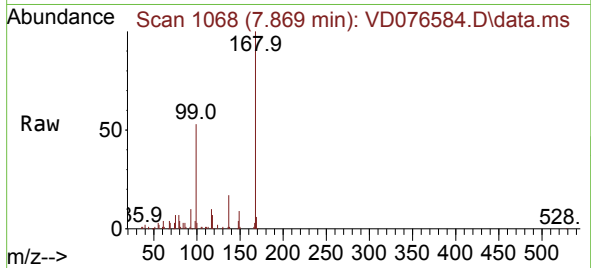




#36
1,1-Dichloropropene
Concen: 4.958 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VD076584.D
Acq: 26 Jun 2023 16:57

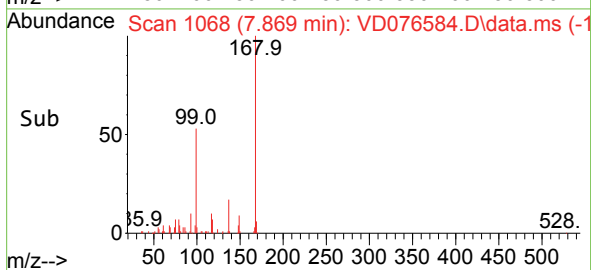
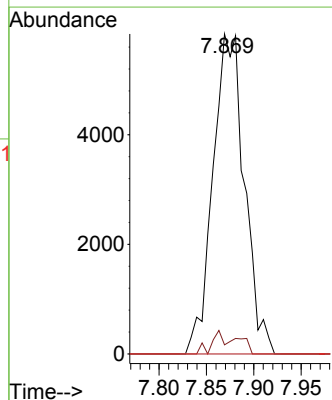
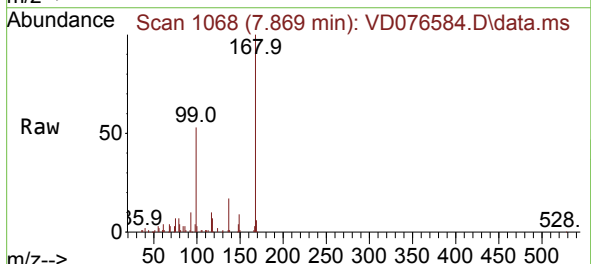
Instrument :
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TOTAL-VOC-SB-21-GRAB-5

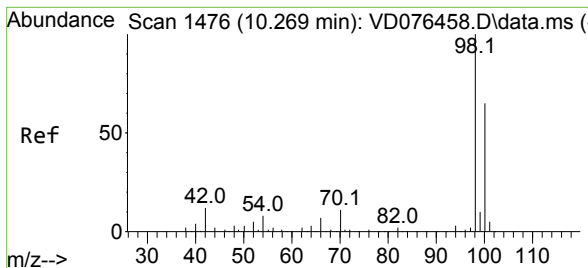
Tgt Ion: 75 Resp: 9472
Ion Ratio Lower Upper
75 100
110 8.4 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.908 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.118 min
Lab File: VD076584.D
Acq: 26 Jun 2023 16:57

Tgt Ion: 117 Resp: 13504
Ion Ratio Lower Upper
117 100
119 2.9 78.0 117.0#
121 0.0 24.2 36.2#

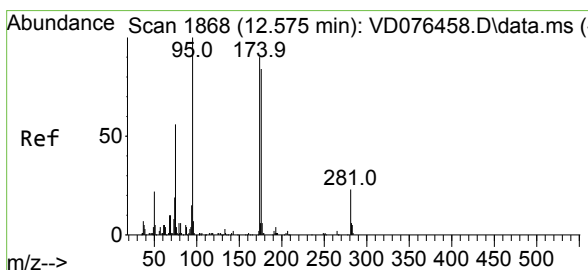
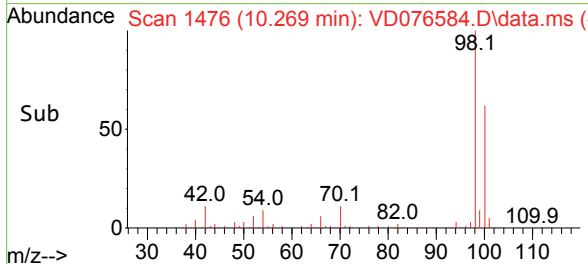
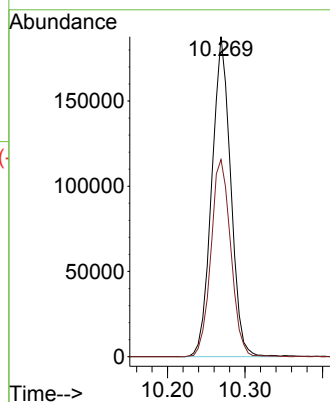
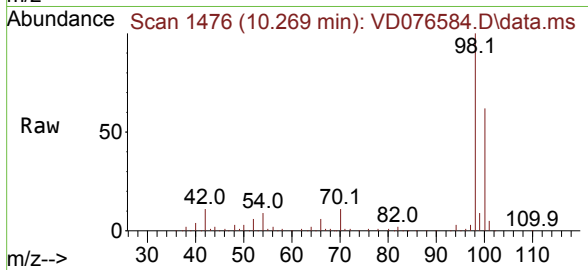




#50
Toluene-d8
Concen: 61.634 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076584.D
Acq: 26 Jun 2023 16:57

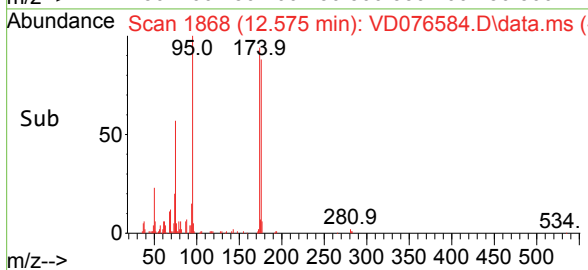
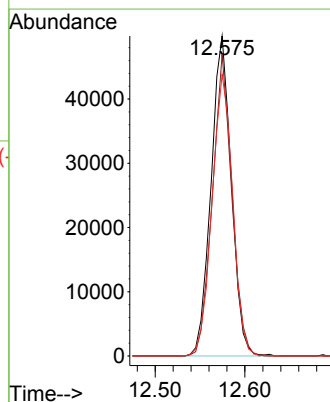
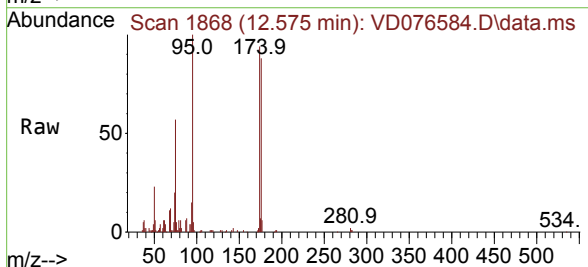
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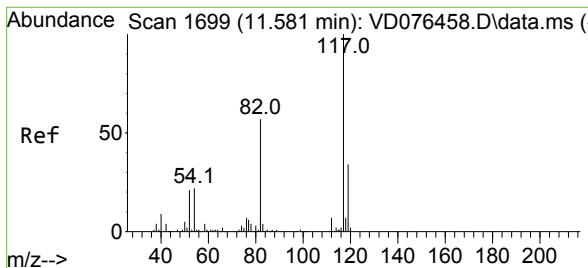
Tgt Ion: 98 Resp: 318883
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.697 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076584.D
Acq: 26 Jun 2023 16:57

Tgt Ion: 95 Resp: 78411
Ion Ratio Lower Upper
95 100
174 89.9 0.0 201.8
176 89.5 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076584.D

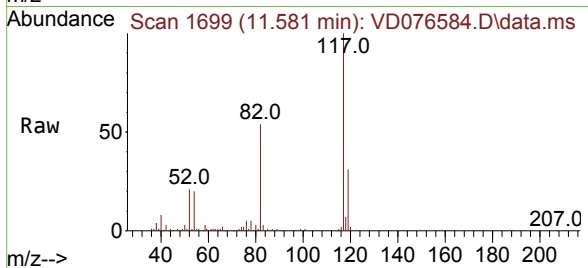
Acq: 26 Jun 2023 16:57

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-21-GRAB-5



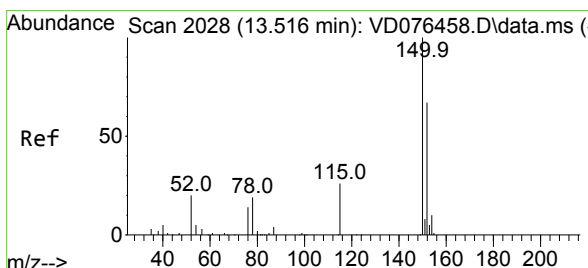
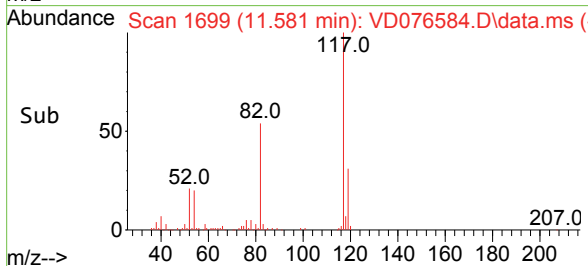
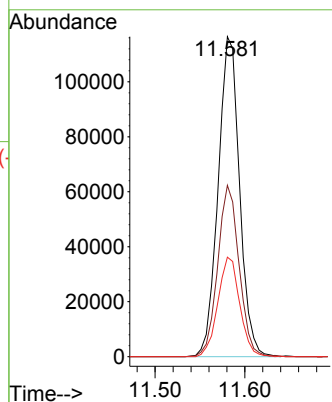
Tgt Ion:117 Resp: 192930

Ion Ratio Lower Upper

117 100

82 53.5 38.3 57.5

119 31.1 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD076584.D

Acq: 26 Jun 2023 16:57

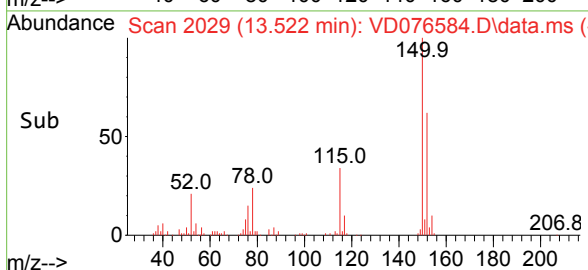
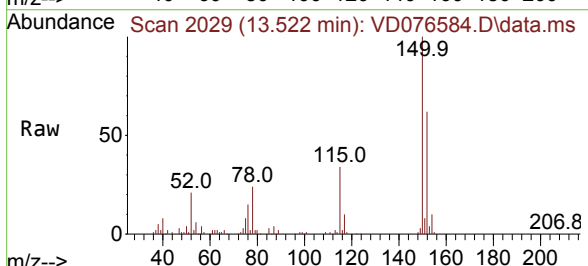
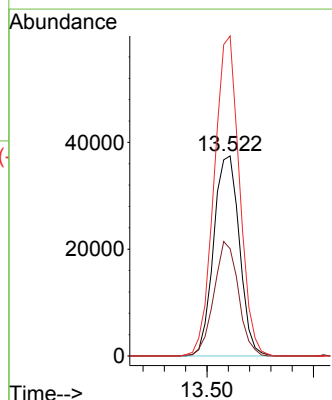
Tgt Ion:152 Resp: 62878

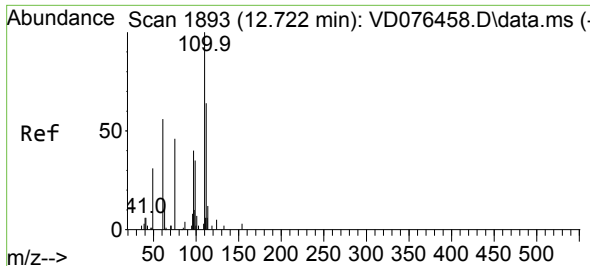
Ion Ratio Lower Upper

152 100

115 54.5 27.1 81.3

150 157.0 0.0 353.6

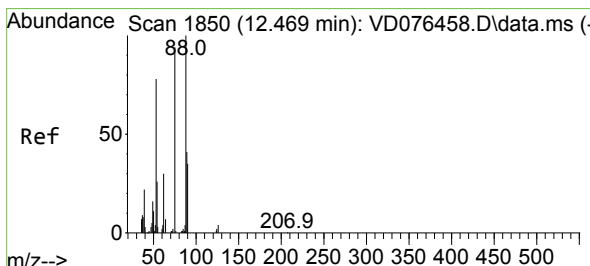
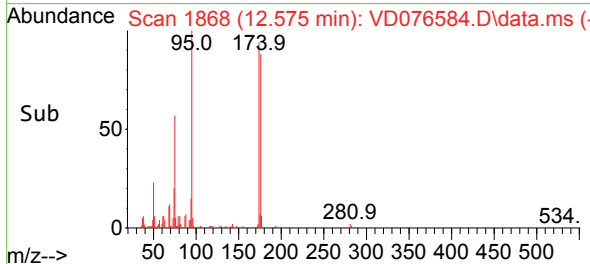
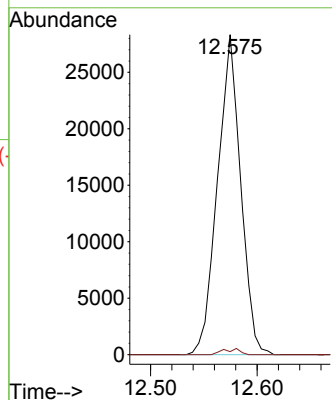
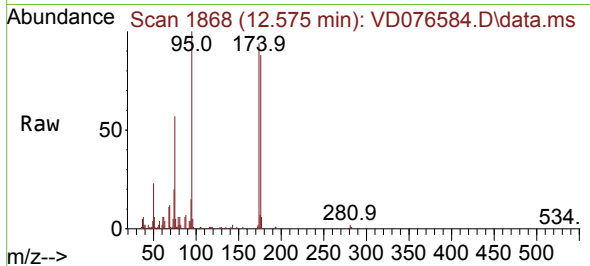




#76
1,2,3-Trichloropropane
Concen: 68.351 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076584.D
Acq: 26 Jun 2023 16:57

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

Tgt Ion: 75 Resp: 42654
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 149.771 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076584.D
Acq: 26 Jun 2023 16:57

Tgt Ion: 75 Resp: 42654
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.0 37.9 56.9#

