

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052121\
 Data File : VW021367.D
 Acq On : 21 May 2021 18:36
 Operator : SY/MD
 Sample : M2494-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB424

Quant Time: May 22 01:40:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 12:12:53 2021
 Response via : Initial Calibration

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

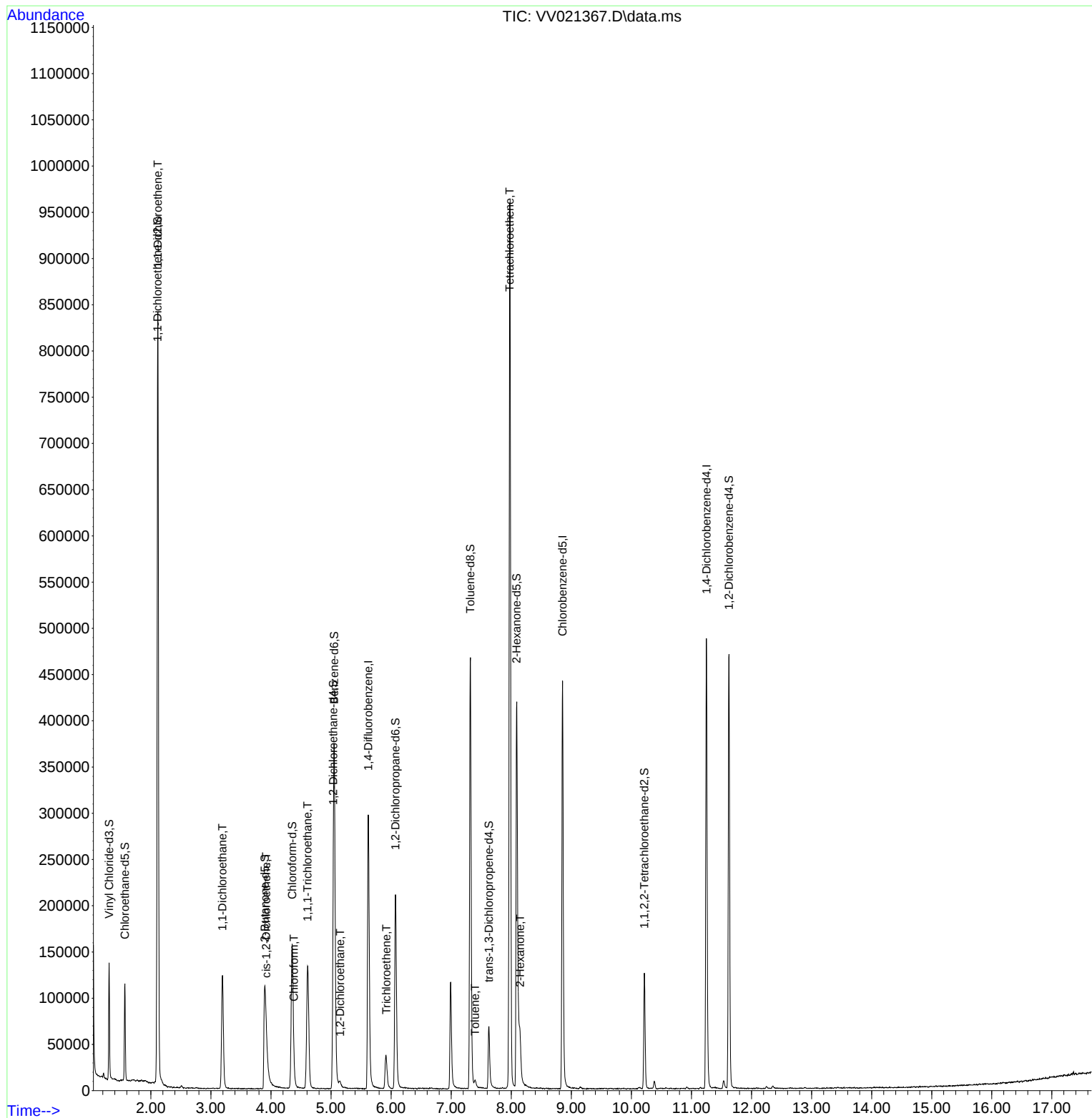
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	277191	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	253851	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	138366	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	78497	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.568	69	65991	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.111	63	215595	7.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	142.40%#
20) 2-Butanone-d5	3.895	46	223078	46.17	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.34%
24) Chloroform-d	4.352	84	167030	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.037	65	80739	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.053	84	344587	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.072	67	108133	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.320	98	319901	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloroprop...	7.628	79	43272	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.088	63	148617	42.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.96%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	60891	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
66) 1,2-Dichlorobenzene-d4	11.625	152	130849	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.117	96	236651	15.47	ug/L #	84
19) 1,1-Dichloroethane	3.191	63	127469	3.87	ug/L	99
22) cis-1,2-Dichloroethene	3.921	96	4771	0.23	ug/L	89
25) Chloroform	4.381	83	5883	0.17	ug/L	89
27) 1,2-Dichloroethane	5.149	62	6008	0.32	ug/L #	85
29) 1,1,1-Trichloroethane	4.609	97	111940	3.59	ug/L	97
34) Trichloroethene	5.921	95	6171	0.28	ug/L	95
42) Toluene	7.400	91	6367	0.08	ug/L	87
47) Tetrachloroethene	7.976	164	229238	12.96	ug/L	97
48) 2-Hexanone	8.146	43	41662	5.17	ug/L #	86

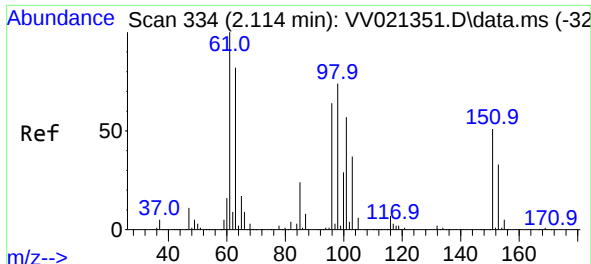
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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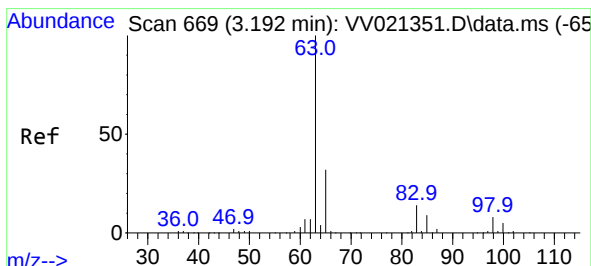
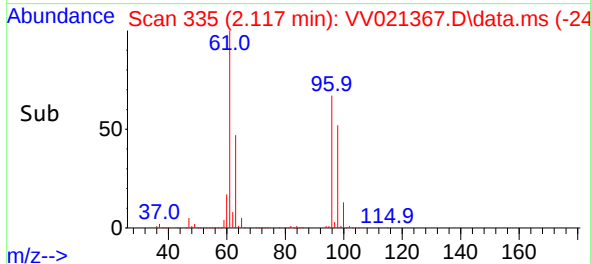
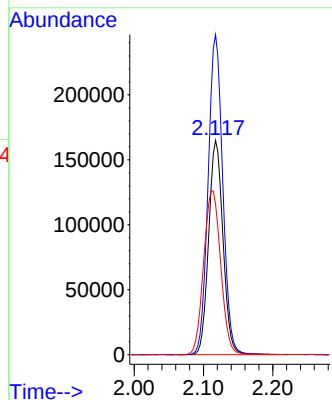
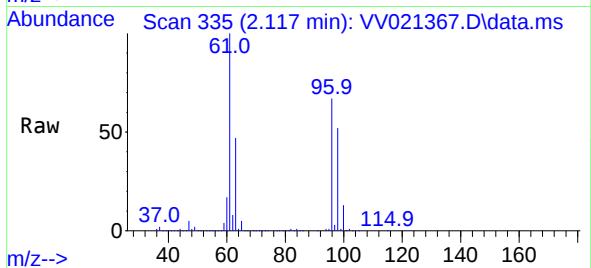




#12
1,1-Dichloroethene
Concen: 15.47 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021367.D
Acq: 21 May 2021 18:36

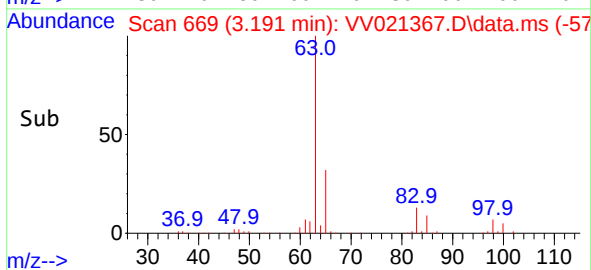
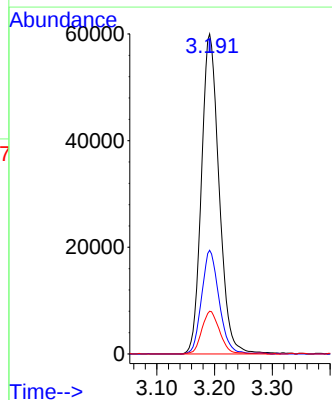
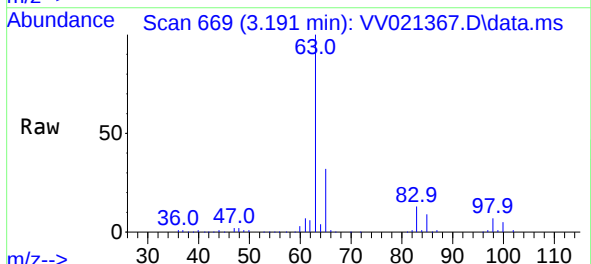
Instrument :
MSVOA_V
ClientSampleId :
GB424

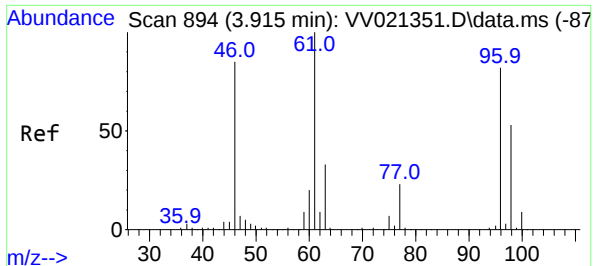
Tgt Ion: 96 Resp: 236651
Ion Ratio Lower Upper
96 100
61 149.3 109.8 204.0
63 70.3 71.3 132.3#



#19
1,1-Dichloroethane
Concen: 3.87 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV021367.D
Acq: 21 May 2021 18:36

Tgt Ion: 63 Resp: 127469
Ion Ratio Lower Upper
63 100
65 32.4 22.3 41.5
83 13.4 9.7 17.9

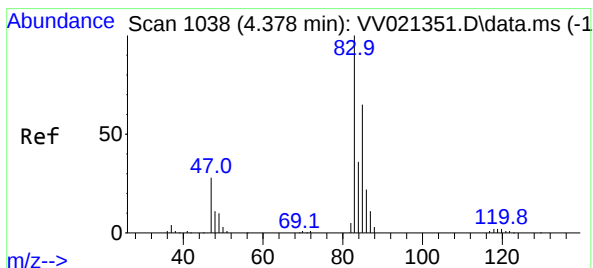
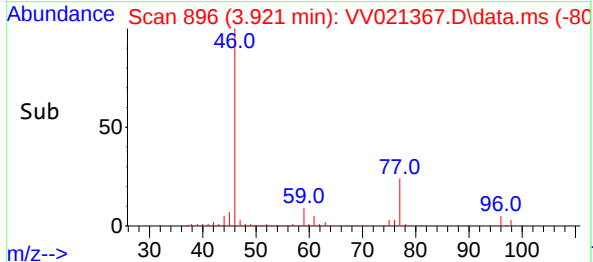
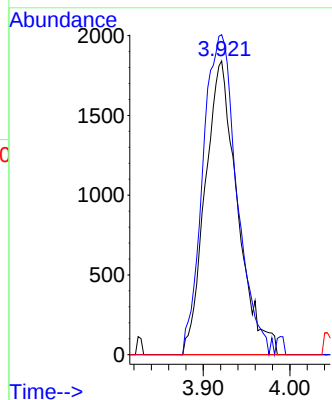
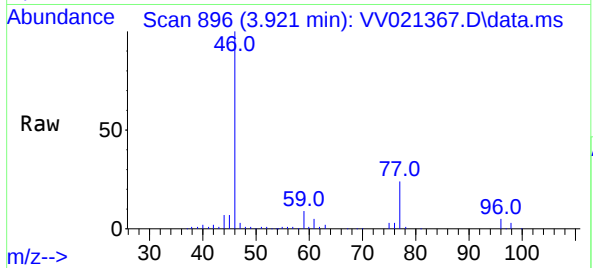




#22
cis-1,2-Dichloroethene
Concen: 0.23 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.006 min
Lab File: VV021367.D
Acq: 21 May 2021 18:36

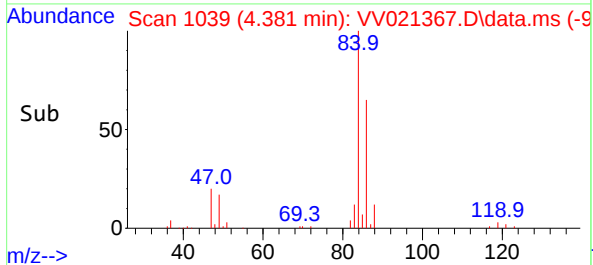
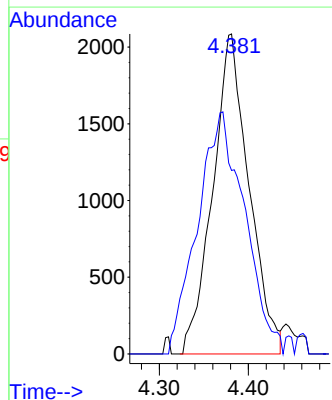
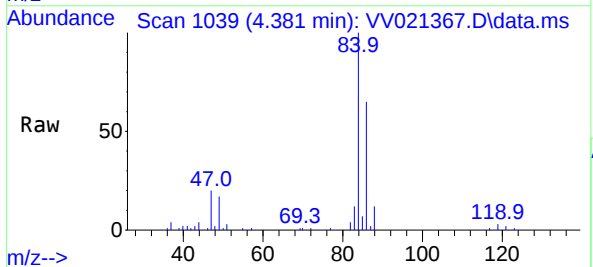
Instrument :
MSVOA_V
ClientSampleId :
GB424

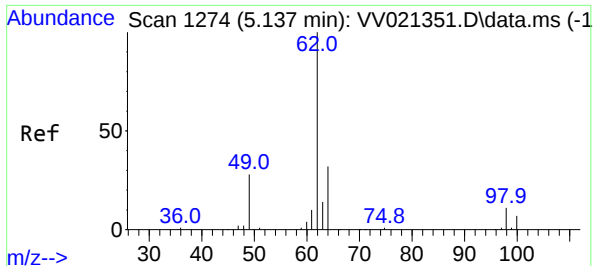
Tgt Ion: 96 Resp: 4771
Ion Ratio Lower Upper
96 100
61 108.9 84.6 157.2
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.17 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV021367.D
Acq: 21 May 2021 18:36

Tgt Ion: 83 Resp: 5883
Ion Ratio Lower Upper
83 100
85 57.3 46.4 86.2

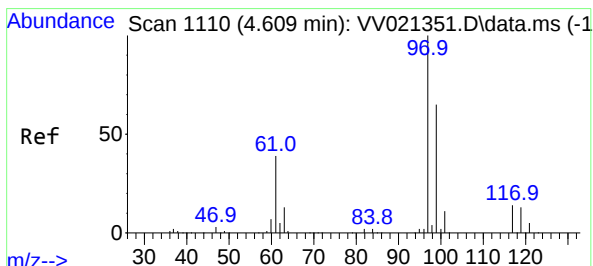
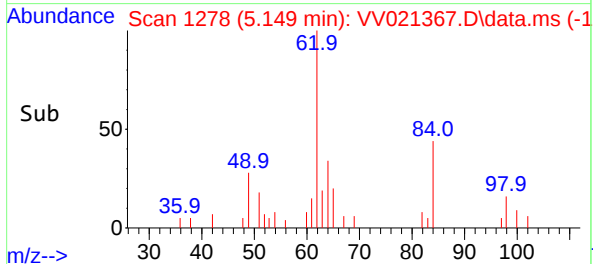
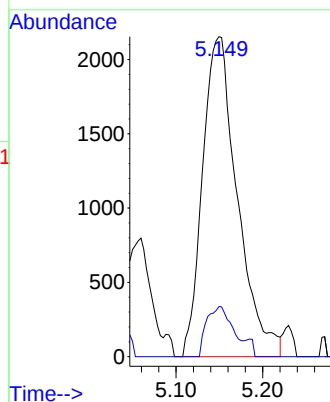
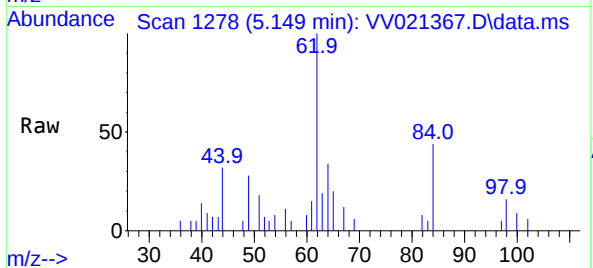




#27
1,2-Dichloroethane
Concen: 0.32 ug/L
RT: 5.149 min Scan# 1278
Delta R.T. 0.013 min
Lab File: VV021367.D
Acq: 21 May 2021 18:36

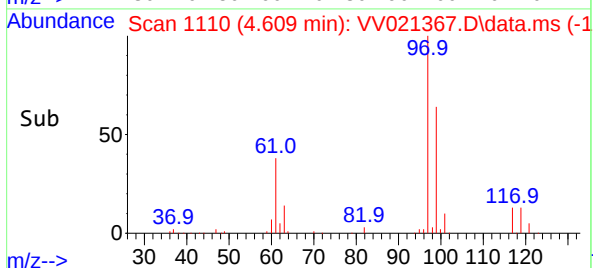
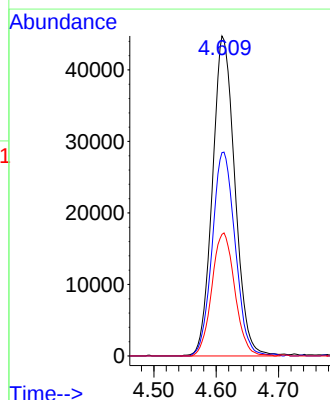
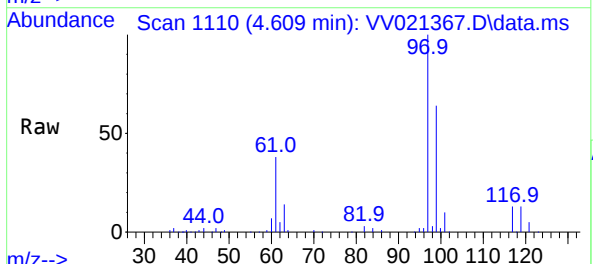
Instrument :
MSVOA_V
ClientSampled :
GB424

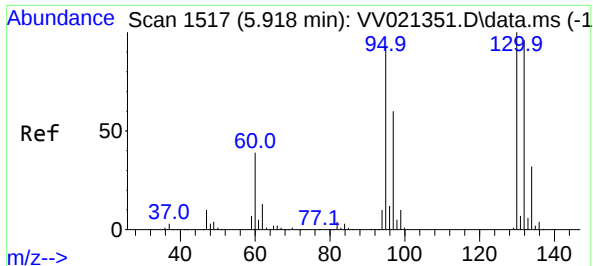
Tgt Ion: 62 Resp: 6008
Ion Ratio Lower Upper
62 100
98 15.6 8.0 12.0#



#29
1,1,1-Trichloroethane
Concen: 3.59 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV021367.D
Acq: 21 May 2021 18:36

Tgt Ion: 97 Resp: 111940
Ion Ratio Lower Upper
97 100
99 65.2 50.6 75.8
61 39.3 33.2 49.8



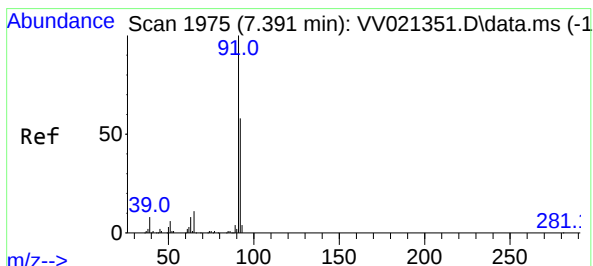
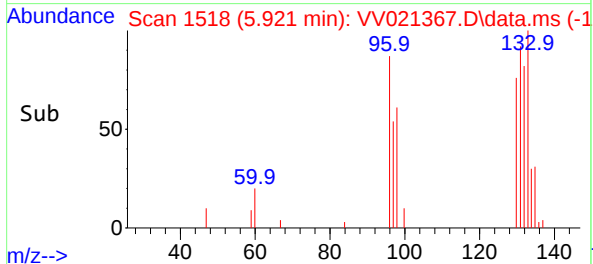
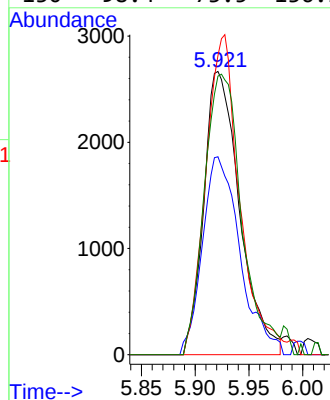
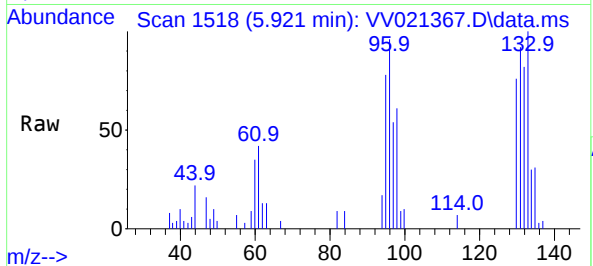


#34
Trichloroethene
Concen: 0.28 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV021367.D
Acq: 21 May 2021 18:36

Instrument :
MSVOA_V
ClientSampled :
GB424

Tgt Ion: 95 Resp: 6171

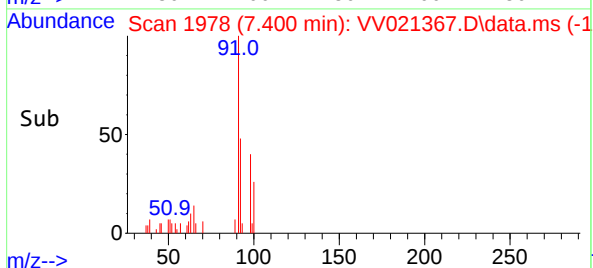
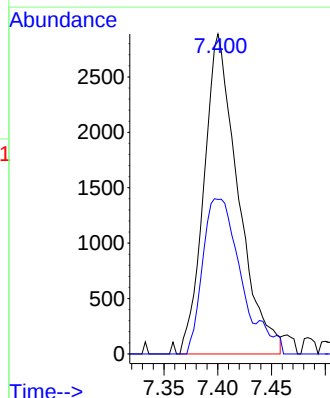
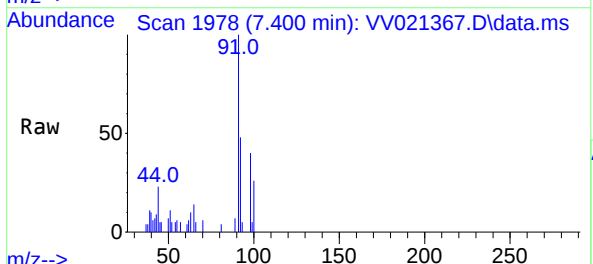
Ion	Ratio	Lower	Upper
95	100		
97	69.9	45.1	83.9
132	105.6	71.5	132.9
130	98.4	73.5	136.5

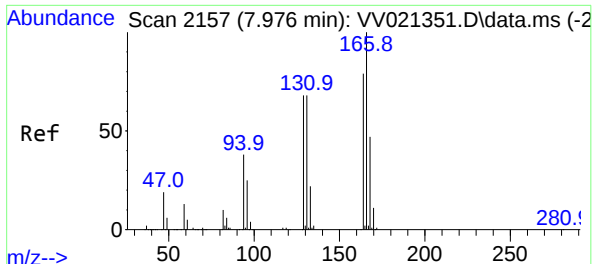


#42
Toluene
Concen: 0.08 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.009 min
Lab File: VV021367.D
Acq: 21 May 2021 18:36

Tgt Ion: 91 Resp: 6367

Ion	Ratio	Lower	Upper
91	100		
92	48.3	40.5	75.1





#47

Tetrachloroethene

Concen: 12.96 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV021367.D

Acq: 21 May 2021 18:36

Instrument :
MSVOA_V
ClientSampled :
GB424

Tgt Ion:164 Resp: 229238

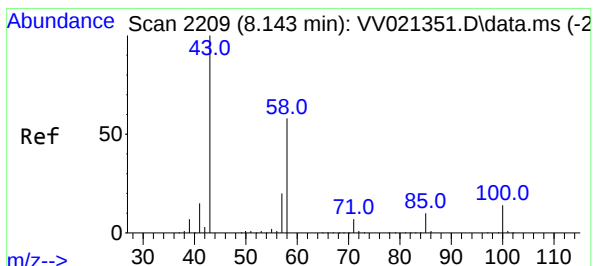
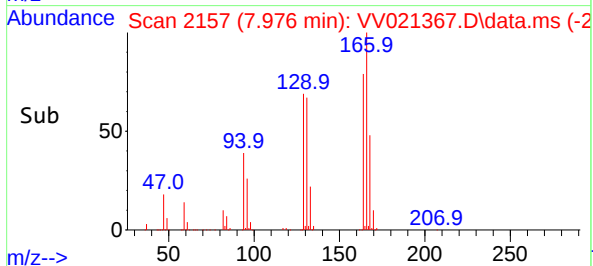
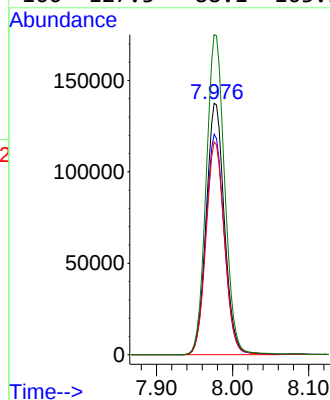
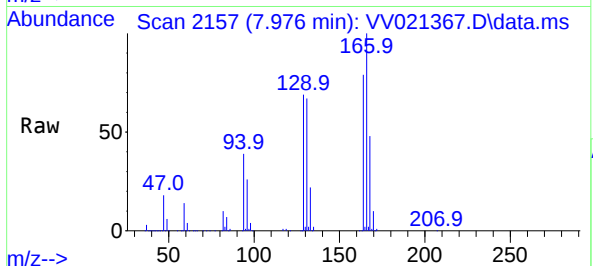
Ion Ratio Lower Upper

164 100

129 87.7 65.0 120.6

131 84.7 61.8 114.8

166 127.3 88.1 163.5



#48

2-Hexanone

Concen: 5.17 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VV021367.D

Acq: 21 May 2021 18:36

Tgt Ion: 43 Resp: 41662

Ion Ratio Lower Upper

43 100

58 47.8 47.8 71.8#

57 15.9 16.6 24.8#

100 8.7 11.5 17.3#

