

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052521\
 Data File : VW021407.D
 Acq On : 25 May 2021 22:49
 Operator : SY/MD
 Sample : M3496-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB457

Quant Time: May 26 07:55:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 26 07:52:48 2021
 Response via : Initial Calibration

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

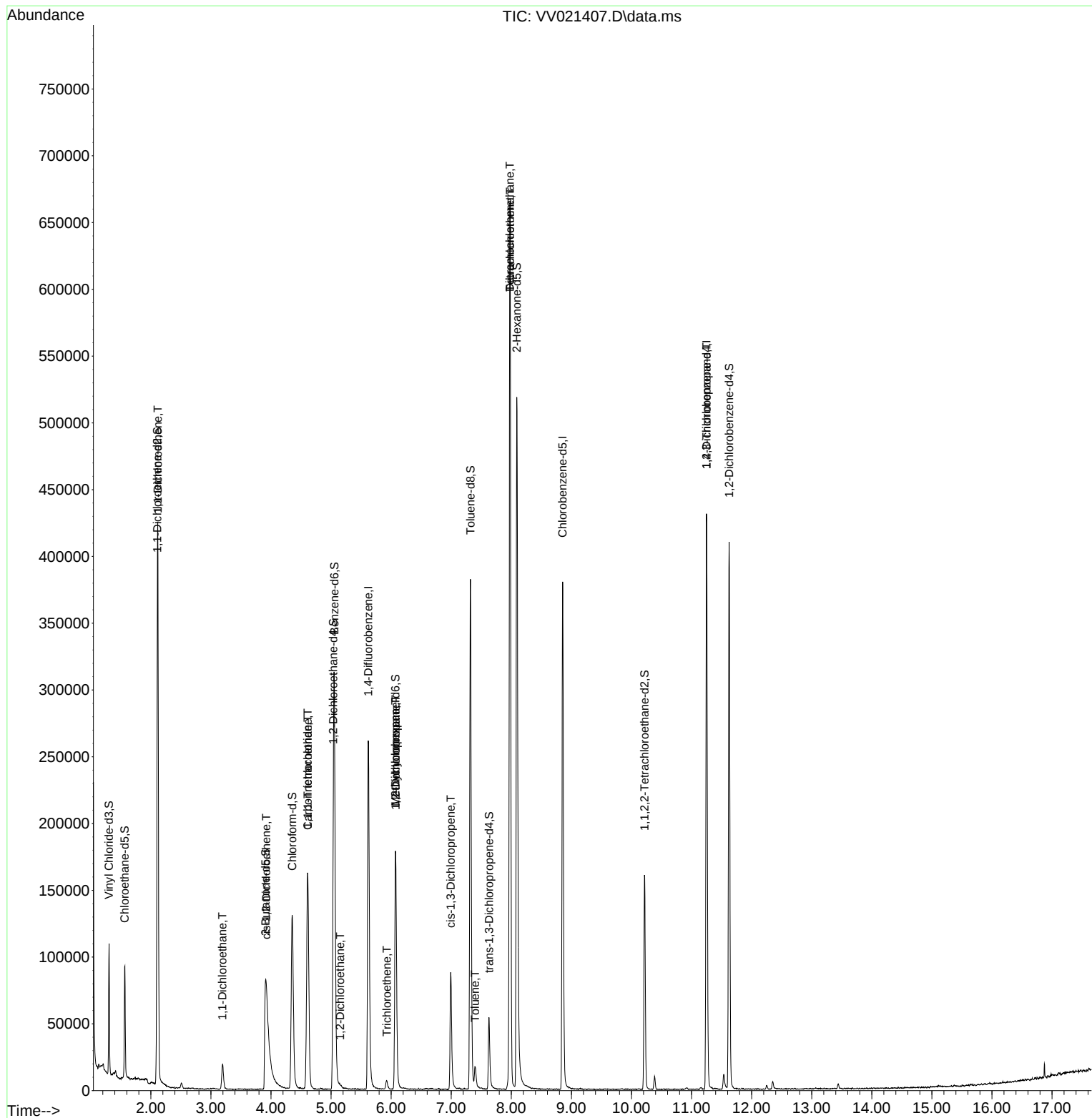
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	243973	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	224622	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	123538	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	58262	5.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.80%
7) Chloroethane-d5	1.564	69	54137	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.108	63	127786	6.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	130.60%#
20) 2-Butanone-d5	3.908	46	226029	60.92	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.84%
24) Chloroform-d	4.352	84	143842	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.037	65	71777	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.053	84	285673	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.072	67	93499	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.320	98	261778	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
43) trans-1,3-Dichloroprop...	7.628	79	34352	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.091	63	202252	58.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.76%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	78328	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	114675	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.117	96	108006	8.92	ug/L	94
19) 1,1-Dichloroethane	3.191	63	20020	0.75	ug/L	98
22) cis-1,2-Dichloroethene	3.921	96	1764	0.11	ug/L	98
27) 1,2-Dichloroethane	5.149	62	1655	0.11	ug/L #	72
29) 1,1,1-Trichloroethane	4.609	97	138387	5.49	ug/L	98
31) Carbon tetrachloride	4.613	117	18829	0.82	ug/L	99
34) Trichloroethene	5.928	95	2205	0.14	ug/L	96
35) Methylcyclohexane	6.072	83	22304	0.84	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	9442	0.65	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	2121	0.09	ug/L #	69
42) Toluene	7.397	91	13522	0.21	ug/L	99
47) Tetrachloroethene	7.979	164	161198	10.98	ug/L	98
49) Dibromochloromethane	7.976	129	138654	9.50	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	11767	1.34	ug/L #	64

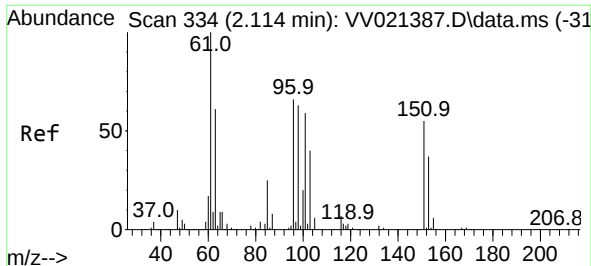
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052521\
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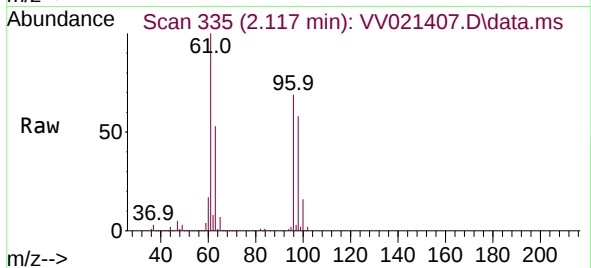
Quant Time: May 26 07:55:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 26 07:52:48 2021
Response via : Initial Calibration



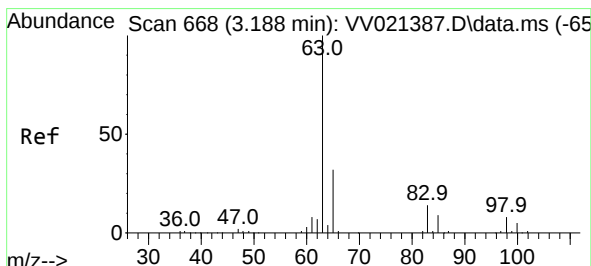
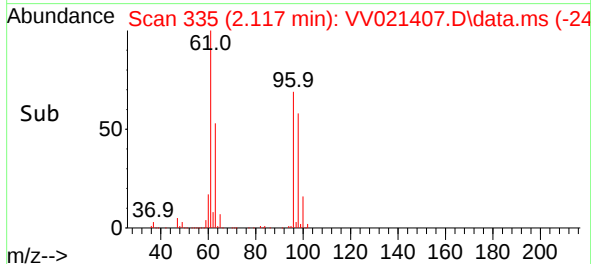
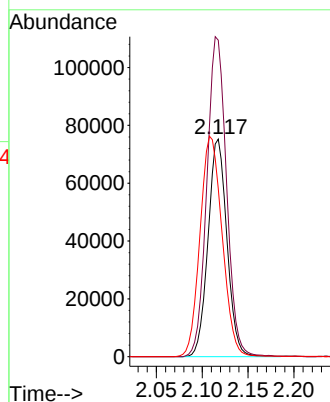


#12
1,1-Dichloroethene
Concen: 8.92 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021407.D
Acq: 25 May 2021 22:49

Instrument :
MSVOA_V
ClientSampleId :
GB457

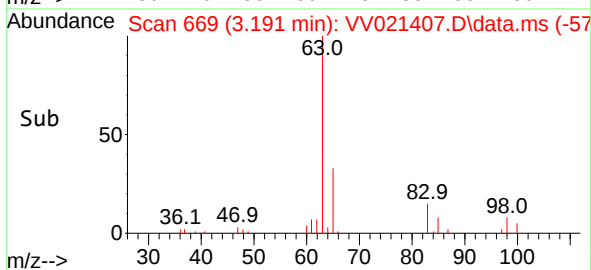
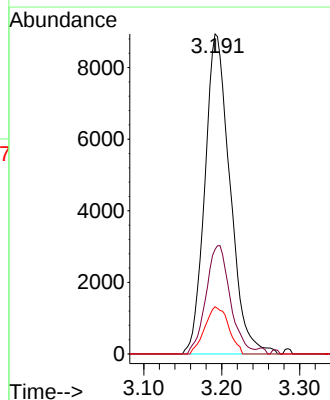
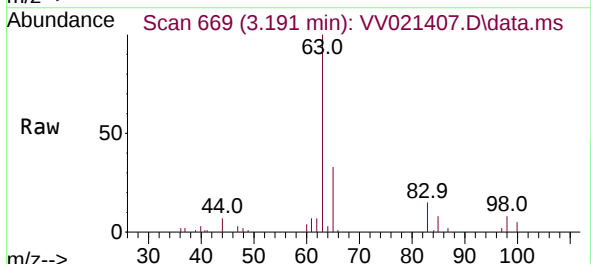


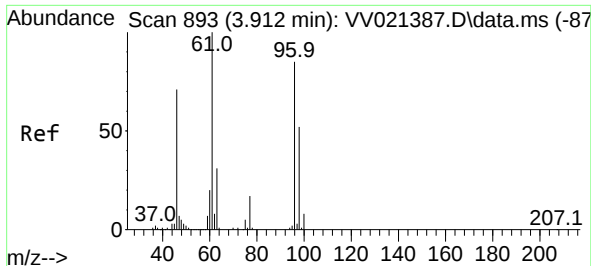
Tgt Ion: 96 Resp: 108006
Ion Ratio Lower Upper
96 100
61 145.5 103.7 192.5
63 77.2 62.4 115.8



#19
1,1-Dichloroethane
Concen: 0.75 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV021407.D
Acq: 25 May 2021 22:49

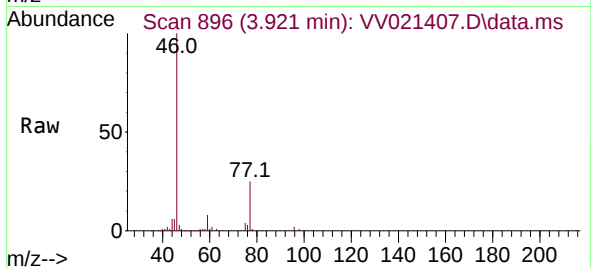
Tgt Ion: 63 Resp: 20020
Ion Ratio Lower Upper
63 100
65 32.7 23.2 43.2
83 14.7 9.4 17.4



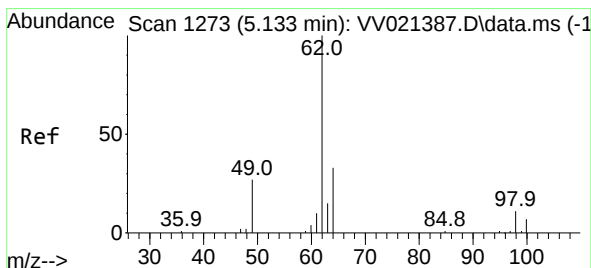
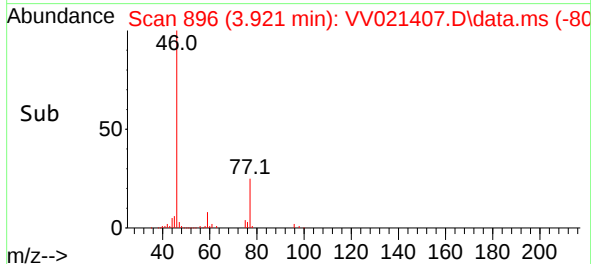
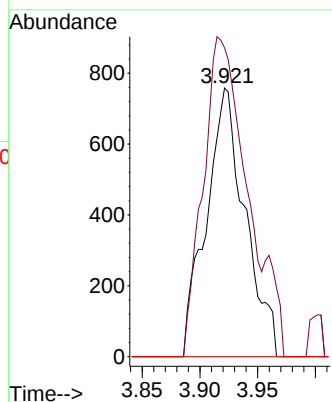


#22
 cis-1,2-Dichloroethene
 Concen: 0.11 ug/L
 RT: 3.921 min Scan# 896
 Delta R.T. 0.010 min
 Lab File: VV021407.D
 Acq: 25 May 2021 22:49

Instrument :
 MSVOA_V
 ClientSampleId :
 GB457

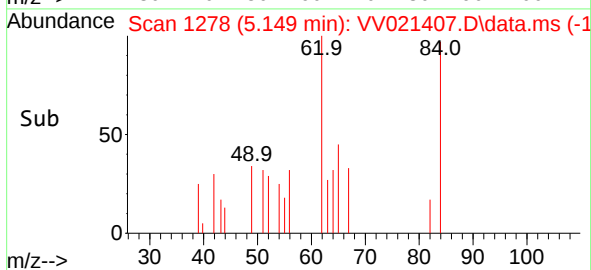
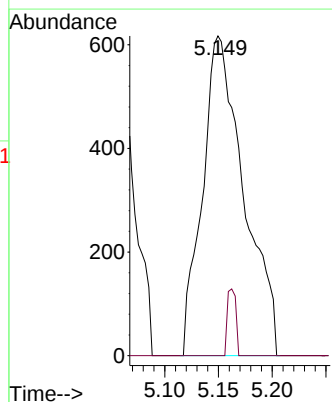
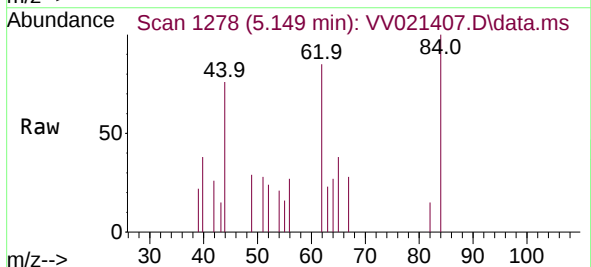


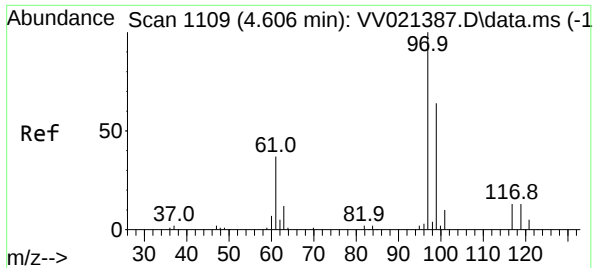
Tgt Ion:	96	Resp:	1764
Ion	Ratio	Lower	Upper
96	100		
61	115.0	81.9	152.1
68	0.0	0.0	0.0



#27
 1,2-Dichloroethane
 Concen: 0.11 ug/L
 RT: 5.149 min Scan# 1278
 Delta R.T. 0.016 min
 Lab File: VV021407.D
 Acq: 25 May 2021 22:49

Tgt Ion:	62	Resp:	1655
Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.4	12.6#





#29

1,1,1-Trichloroethane

Concen: 5.49 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV021407.D

Acq: 25 May 2021 22:49

Tgt Ion: 97 Resp: 138387

Ion Ratio Lower Upper

97 100

99 65.0 50.6 75.8

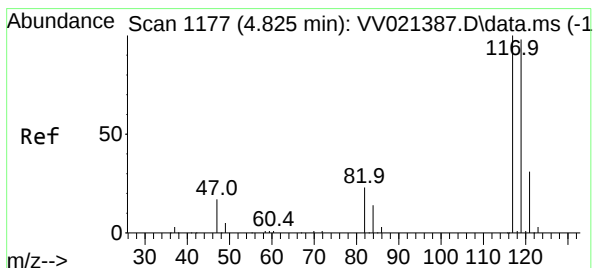
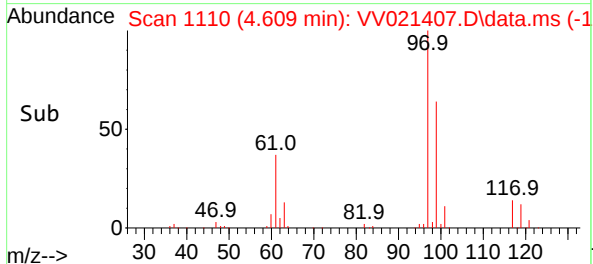
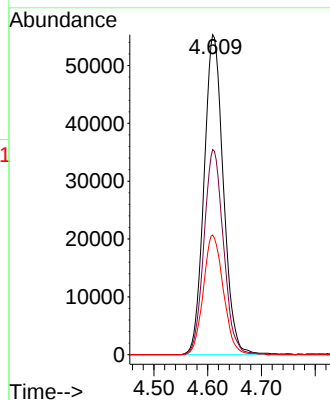
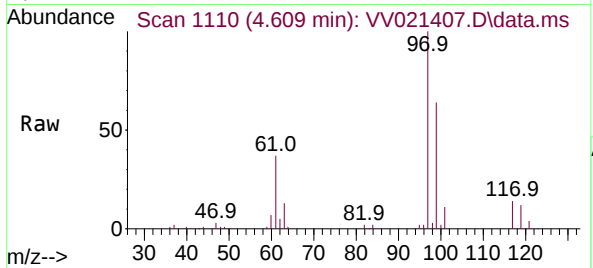
61 38.6 30.4 45.6

Instrument :

MSVOA_V

ClientSampled :

GB457



#31

Carbon tetrachloride

Concen: 0.82 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. -0.212 min

Lab File: VV021407.D

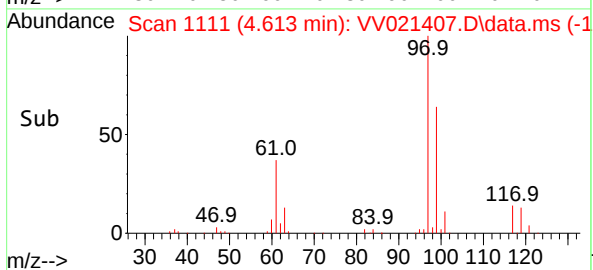
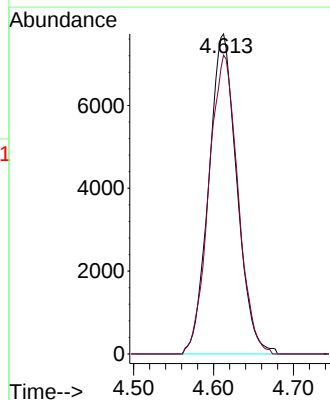
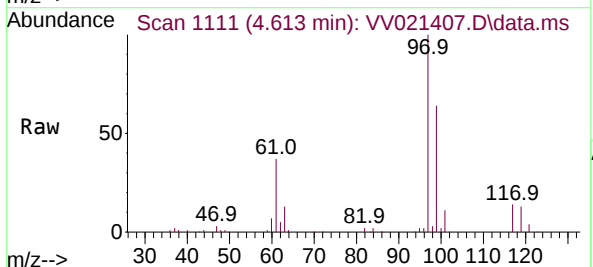
Acq: 25 May 2021 22:49

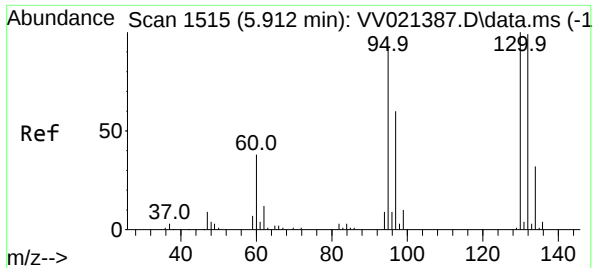
Tgt Ion: 117 Resp: 18829

Ion Ratio Lower Upper

117 100

119 96.9 77.0 115.6



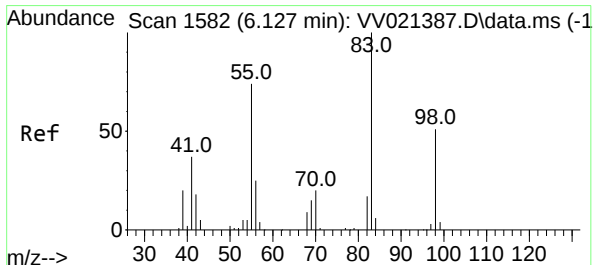
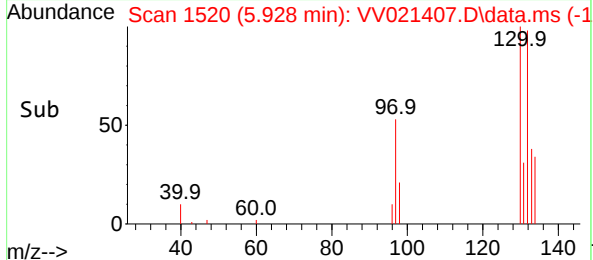
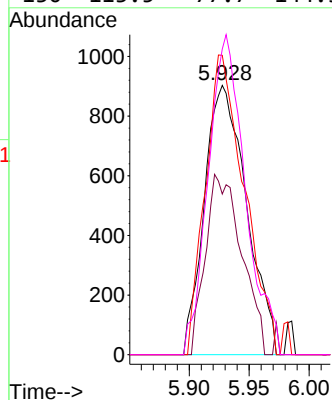
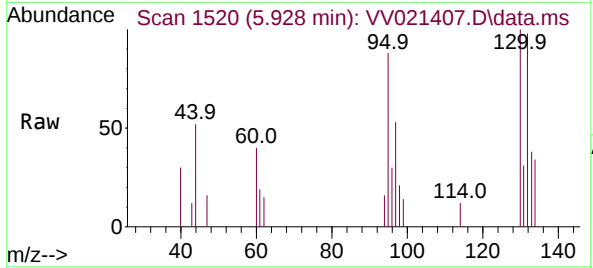


#34
Trichloroethene
Concen: 0.14 ug/L
RT: 5.928 min Scan# 1520
Delta R.T. 0.016 min
Lab File: VV021407.D
Acq: 25 May 2021 22:49

Instrument :
MSVOA_V
ClientSampled :
GB457

Tgt Ion: 95 Resp: 2205

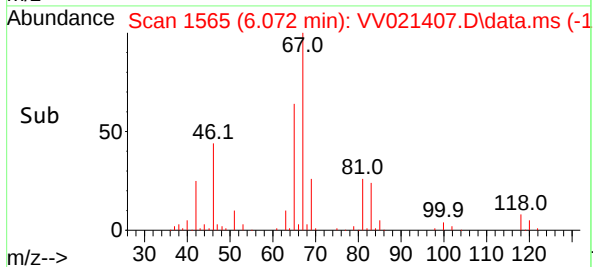
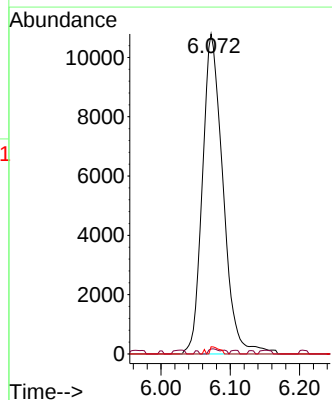
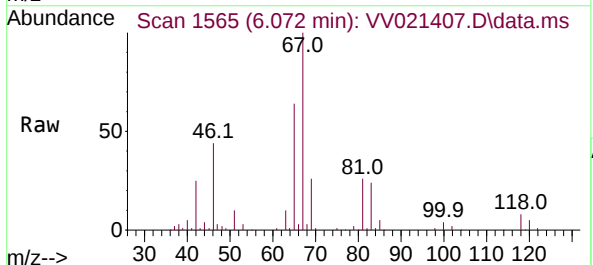
Ion	Ratio	Lower	Upper
95	100		
97	59.7	45.4	84.4
132	111.2	74.5	138.3
130	113.5	77.7	144.3

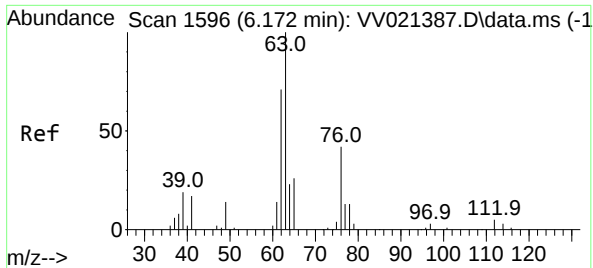


#35
Methylcyclohexane
Concen: 0.84 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV021407.D
Acq: 25 May 2021 22:49

Tgt Ion: 83 Resp: 22304

Ion	Ratio	Lower	Upper
83	100		
55	0.7	57.7	86.5#
98	1.0	40.6	61.0#

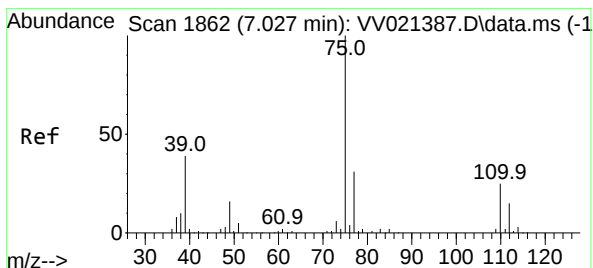
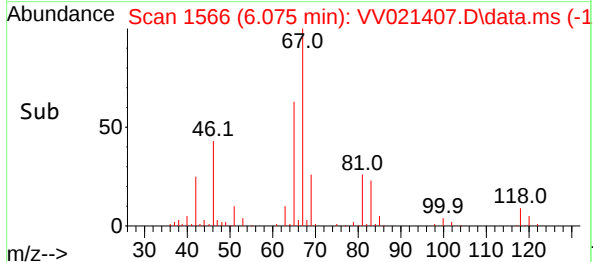
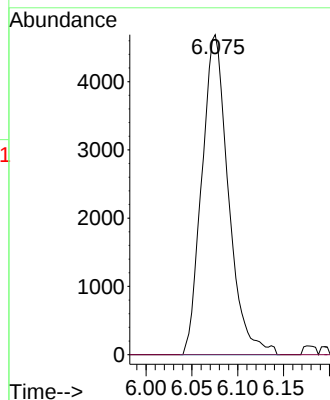
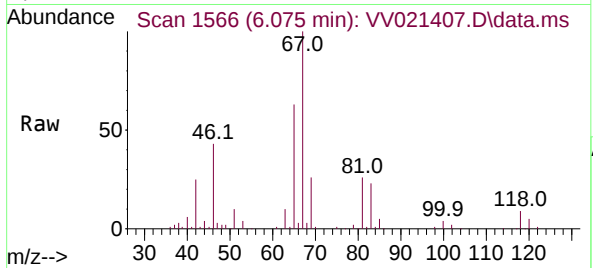




#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.096 min
Lab File: VV021407.D
Acq: 25 May 2021 22:49

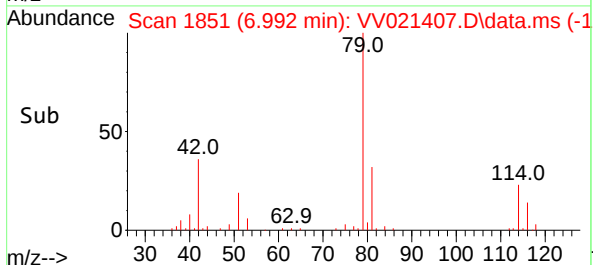
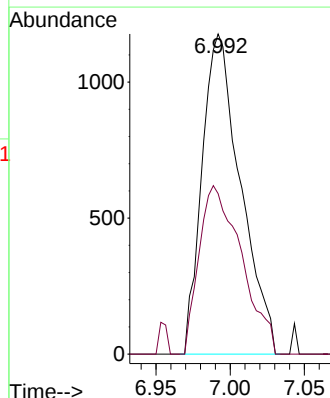
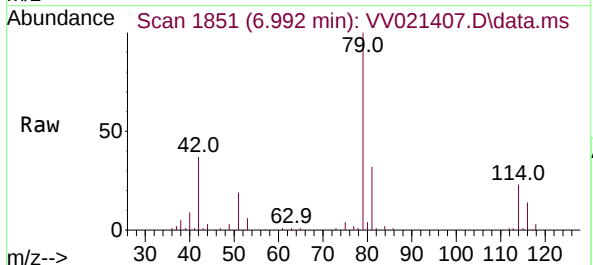
Instrument :
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ClientSampled :
GB457

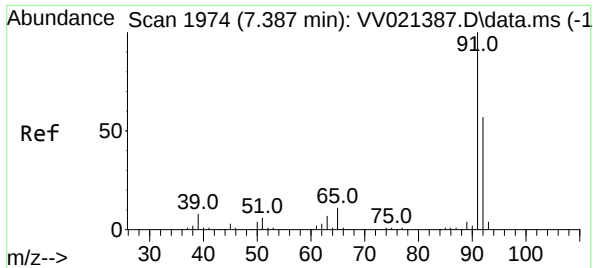
Tgt Ion: 63 Resp: 9442
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV021407.D
Acq: 25 May 2021 22:49

Tgt Ion: 75 Resp: 2121
Ion Ratio Lower Upper
75 100
77 50.1 22.8 42.4#

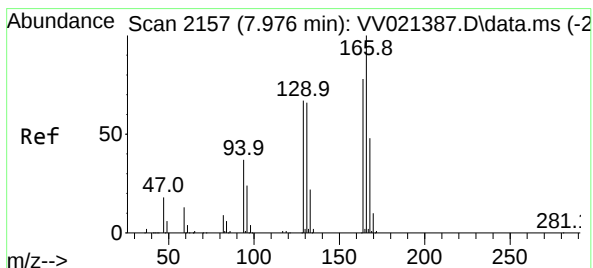
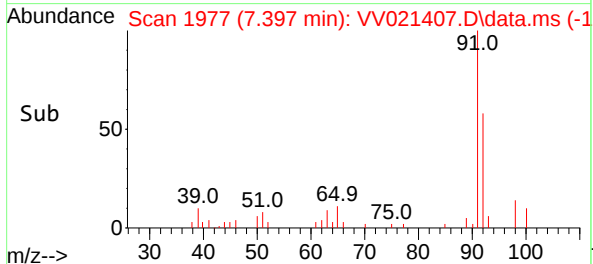
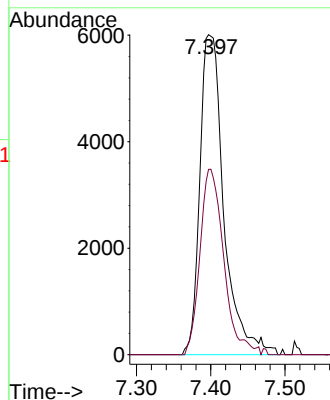
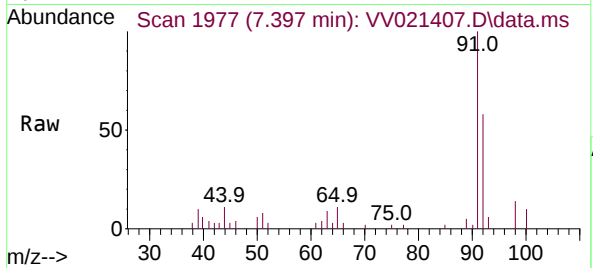




#42
Toluene
Concen: 0.21 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV021407.D
Acq: 25 May 2021 22:49

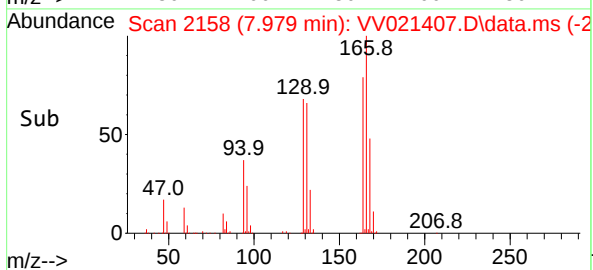
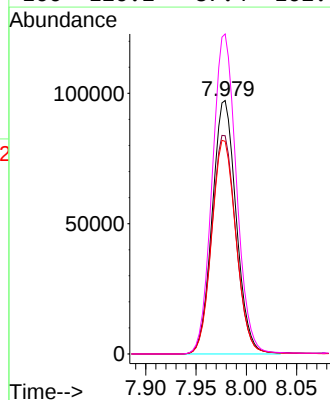
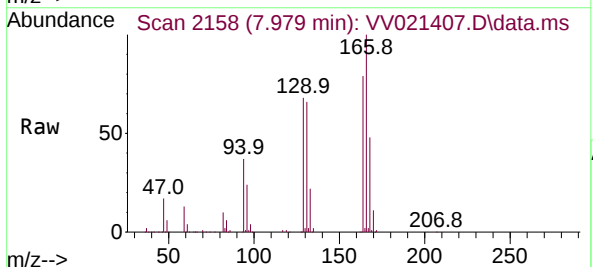
Instrument :
MSVOA_V
ClientSampled :
GB457

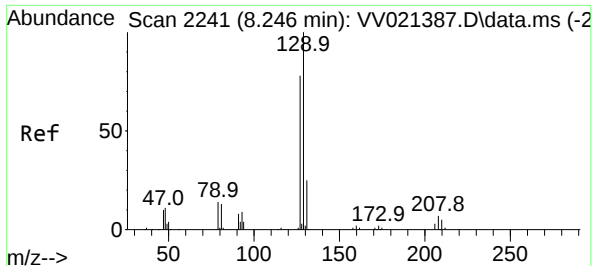
Tgt Ion: 91 Resp: 13522
Ion Ratio Lower Upper
91 100
92 57.9 40.9 76.0



#47
Tetrachloroethene
Concen: 10.98 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021407.D
Acq: 25 May 2021 22:49

Tgt Ion: 164 Resp: 161198
Ion Ratio Lower Upper
164 100
129 86.1 61.8 114.8
131 83.9 57.8 107.4
166 126.2 87.4 162.4





#49

Dibromochloromethane

Concen: 9.50 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV021407.D

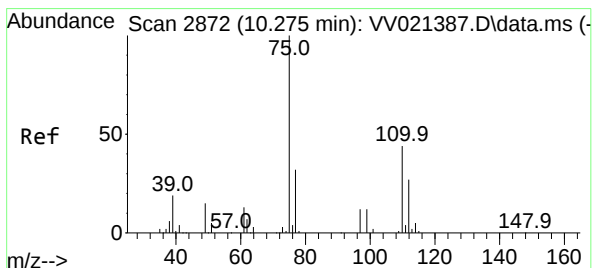
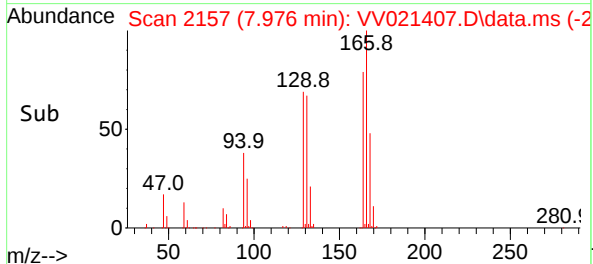
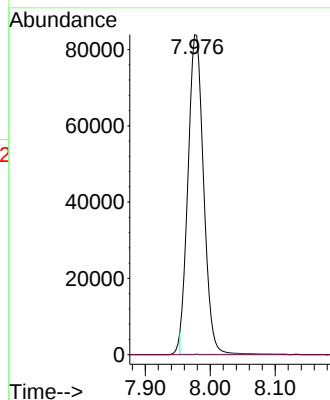
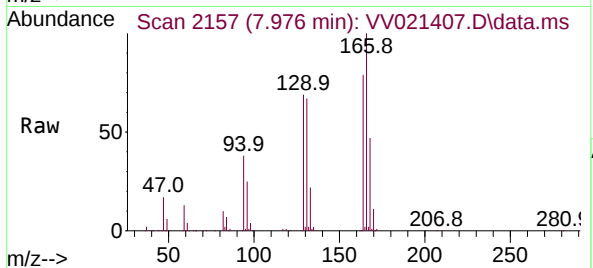
Acq: 25 May 2021 22:49

Tgt Ion:129 Resp: 138654

Ion Ratio Lower Upper

129 100

127 0.0 55.4 103.0#



#61

1,2,3-Trichloropropane

Concen: 1.34 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV021407.D

Acq: 25 May 2021 22:49

Tgt Ion: 75 Resp: 11767

Ion Ratio Lower Upper

75 100

77 35.3 27.3 40.9

110 2.1 34.2 51.2#

