

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052121\
 Data File : VV021358.D
 Acq On : 21 May 2021 14:56
 Operator : SY/MD
 Sample : M2494-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB415

Quant Time: May 22 01:39:39 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

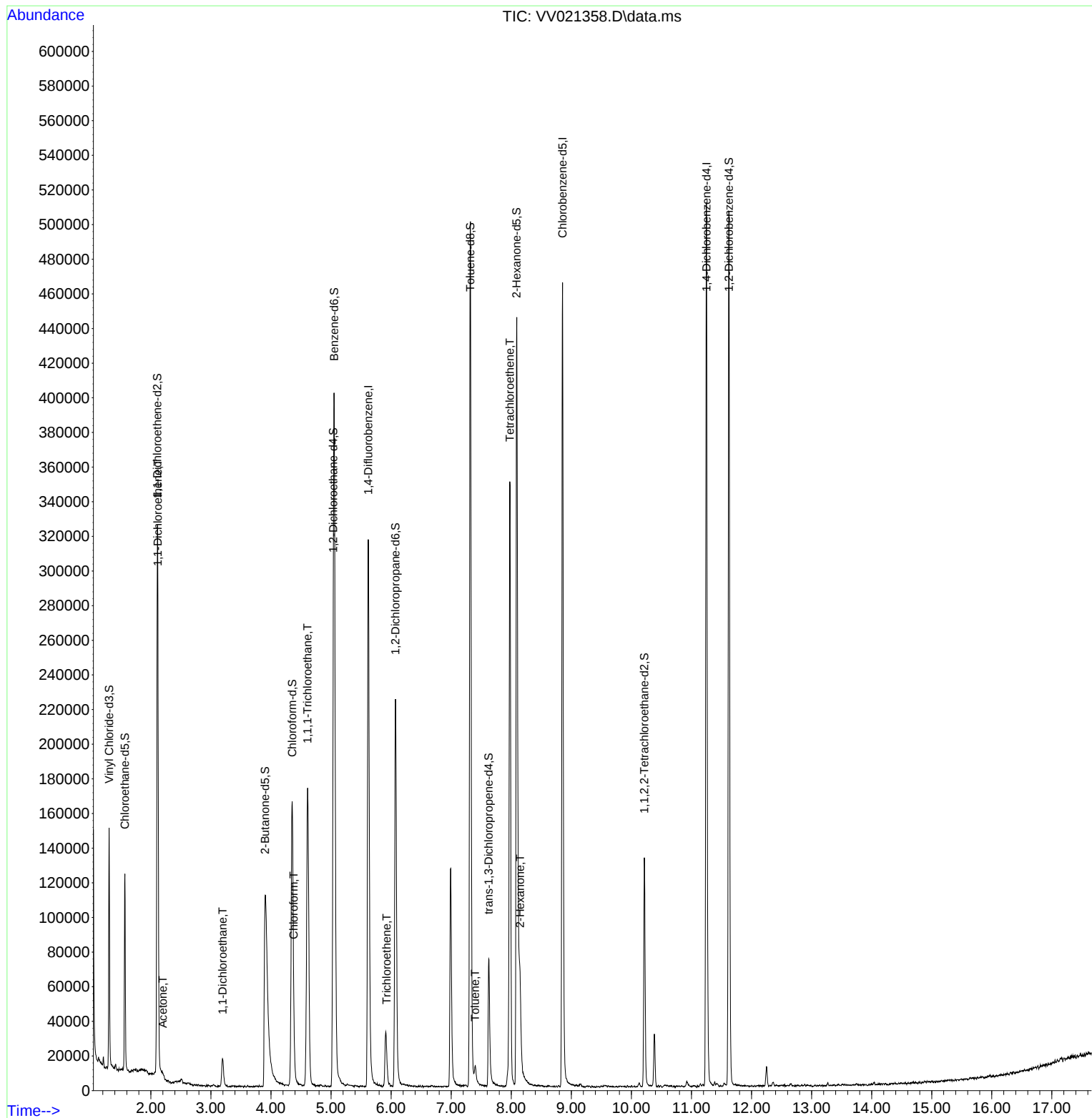
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	292976	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	268022	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	145198	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	86234	4.52	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.40%	
7) Chloroethane-d5	1.568	69	70810	4.58	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.60%	
11) 1,1-Dichloroethene-d2	2.108	63	136245	4.26	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.20%	
20) 2-Butanone-d5	3.902	46	239377	46.87	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.74%	
24) Chloroform-d	4.352	84	179078	4.52	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.40%	
26) 1,2-Dichloroethane-d4	5.037	65	87885	4.72	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.40%	
32) Benzene-d6	5.053	84	369029	4.63	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.60%	
36) 1,2-Dichloropropane-d6	6.072	67	116331	4.75	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.00%	
41) Toluene-d8	7.320	98	345467	4.62	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.40%	
43) trans-1,3-Dichloroprop...	7.625	79	46672	4.51	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.20%	
46) 2-Hexanone-d5	8.088	63	159678	43.23	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.46%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	64273	4.31	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.20%	
66) 1,2-Dichlorobenzene-d4	11.625	152	139657	4.73	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.60%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.118	96	50836	3.14	ug/L #	76
13) Acetone	2.198	43	5457	1.97	ug/L	82
19) 1,1-Dichloroethane	3.195	63	16776	0.48	ug/L	97
25) Chloroform	4.378	83	5200	0.14	ug/L	89
29) 1,1,1-Trichloroethane	4.609	97	146174	4.44	ug/L	97
34) Trichloroethene	5.924	95	2740	0.12	ug/L	93
42) Toluene	7.400	91	8440	0.10	ug/L	99
47) Tetrachloroethene	7.979	164	84415	4.52	ug/L	96
48) 2-Hexanone	8.146	43	43794	5.15	ug/L #	84

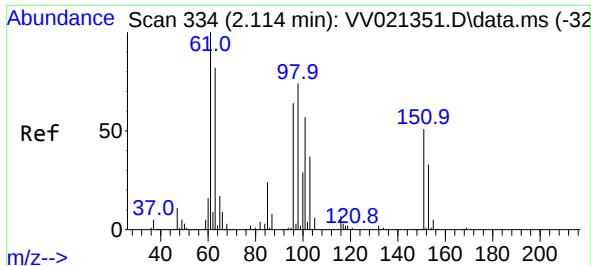
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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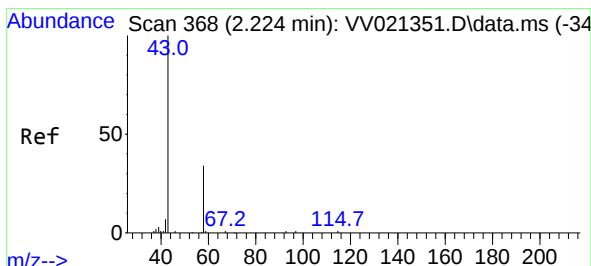
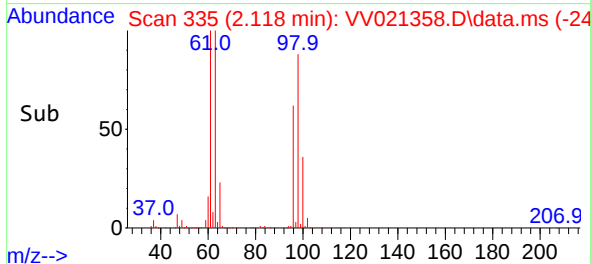
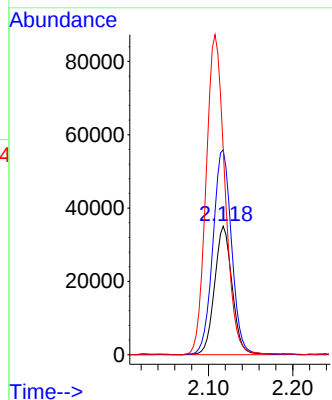
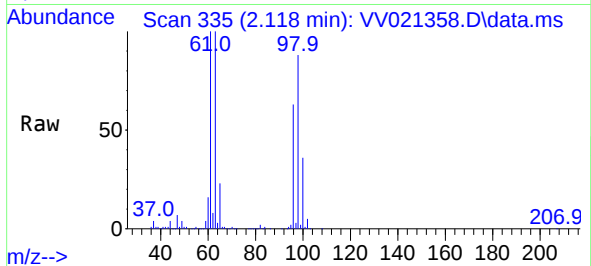




#12
1,1-Dichloroethene
Concen: 3.14 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021358.D
Acq: 21 May 2021 14:56

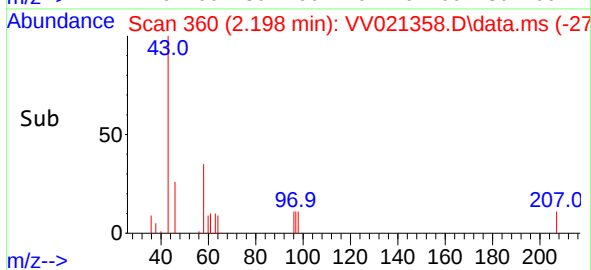
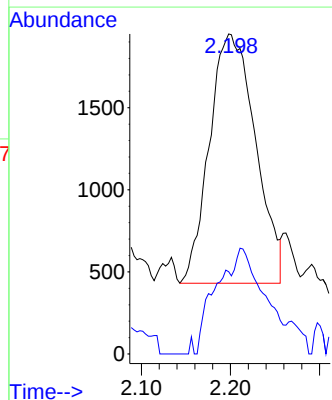
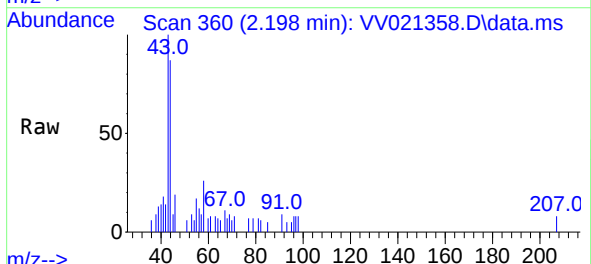
Instrument :
MSVOA_V
ClientSampleId :
GB415

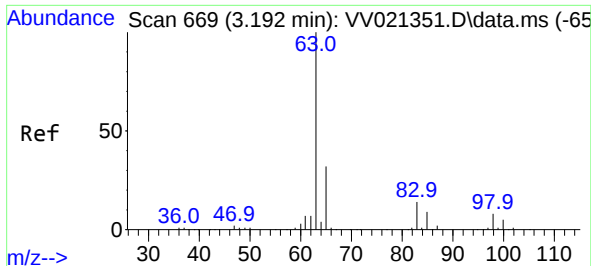
Tgt Ion: 96 Resp: 50836
Ion Ratio Lower Upper
96 100
61 159.3 109.8 204.0
63 159.8 71.3 132.3#



#13
Acetone
Concen: 1.97 ug/L
RT: 2.198 min Scan# 360
Delta R.T. -0.026 min
Lab File: VV021358.D
Acq: 21 May 2021 14:56

Tgt Ion: 43 Resp: 5457
Ion Ratio Lower Upper
43 100
58 43.8 0.0 67.4



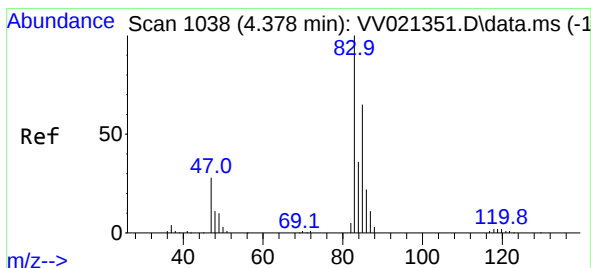
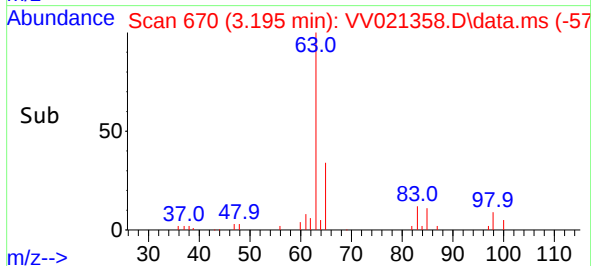
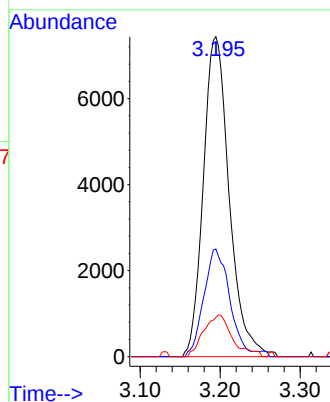
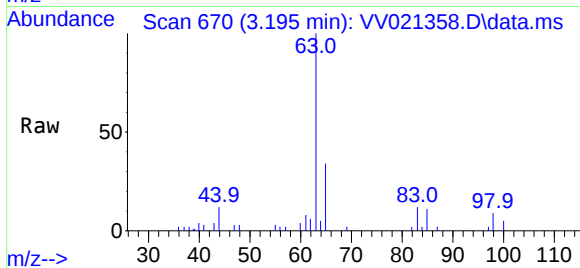


#19
1,1-Dichloroethane
Concen: 0.48 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV021358.D
Acq: 21 May 2021 14:56

Instrument :
MSVOA_V
ClientSampleId :
GB415

Tgt Ion: 63 Resp: 16776

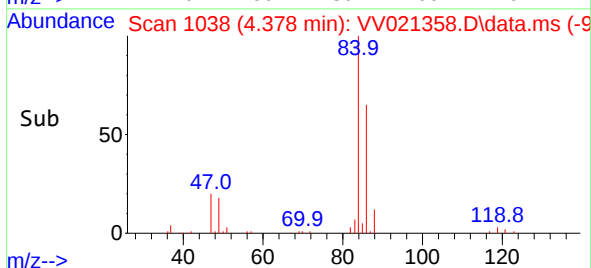
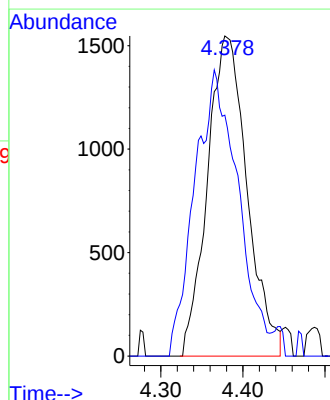
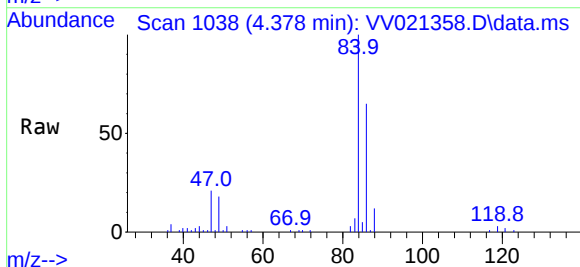
Ion	Ratio	Lower	Upper
63	100		
65	33.7	22.3	41.5
83	12.2	9.7	17.9

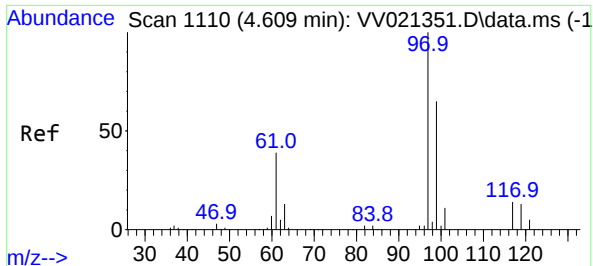


#25
Chloroform
Concen: 0.14 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV021358.D
Acq: 21 May 2021 14:56

Tgt Ion: 83 Resp: 5200

Ion	Ratio	Lower	Upper
83	100		
85	75.2	46.4	86.2





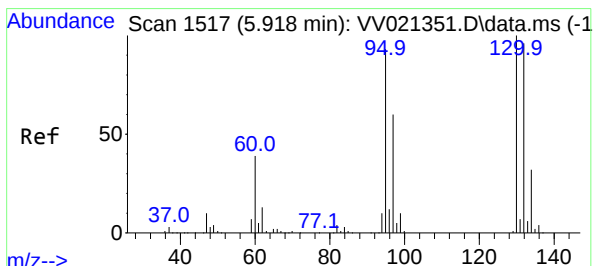
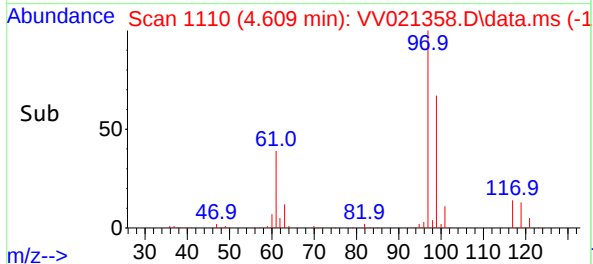
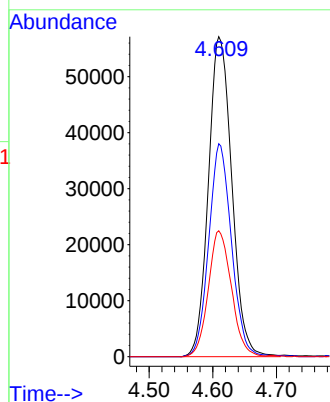
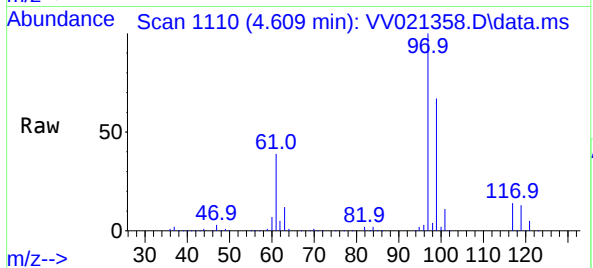
#29

1,1,1-Trichloroethane
Concen: 4.44 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV021358.D
Acq: 21 May 2021 14:56

Instrument :
MSVOA_V
ClientSampleId :
GB415

Tgt Ion: 97 Resp: 146174

Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.6	75.8
61	38.8	33.2	49.8

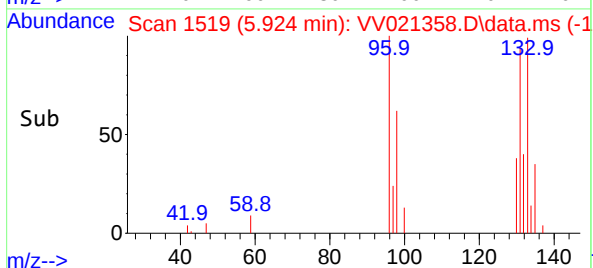
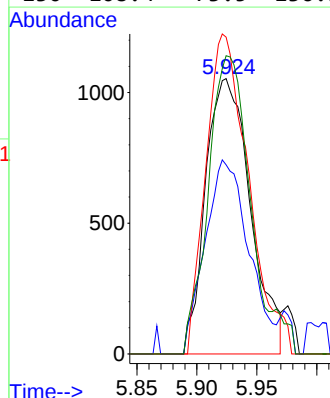
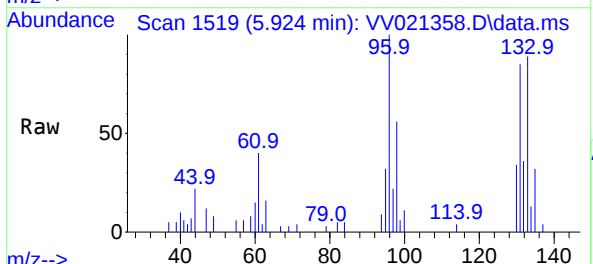


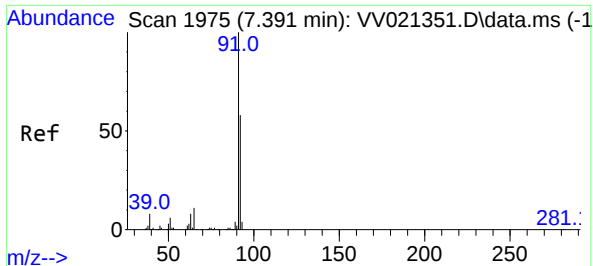
#34

Trichloroethene
Concen: 0.12 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VV021358.D
Acq: 21 May 2021 14:56

Tgt Ion: 95 Resp: 2740

Ion	Ratio	Lower	Upper
95	100		
97	68.7	45.1	83.9
132	115.1	71.5	132.9
130	108.4	73.5	136.5





#42

Toluene

Concen: 0.10 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.010 min

Lab File: VV021358.D

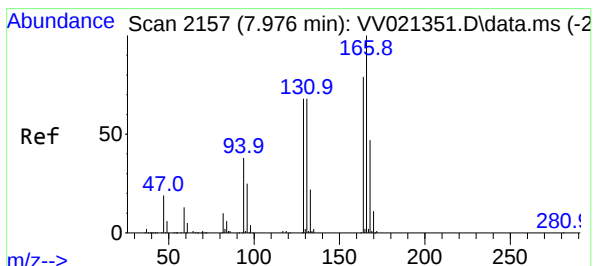
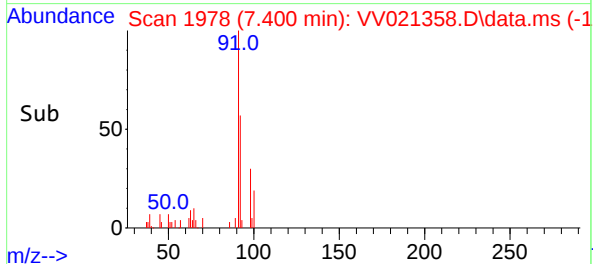
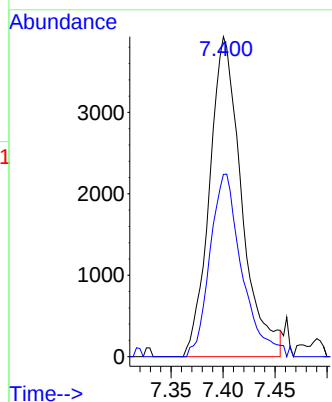
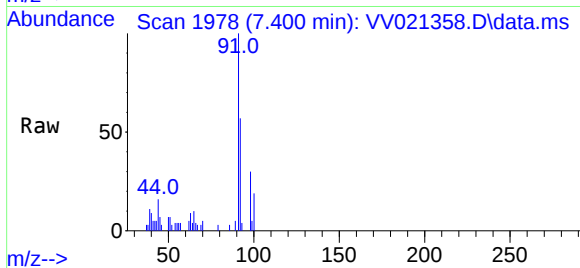
Acq: 21 May 2021 14:56

Tgt Ion: 91 Resp: 8440

Ion Ratio Lower Upper

91 100

92 57.0 40.5 75.1



#47

Tetrachloroethene

Concen: 4.52 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV021358.D

Acq: 21 May 2021 14:56

Tgt Ion: 164 Resp: 84415

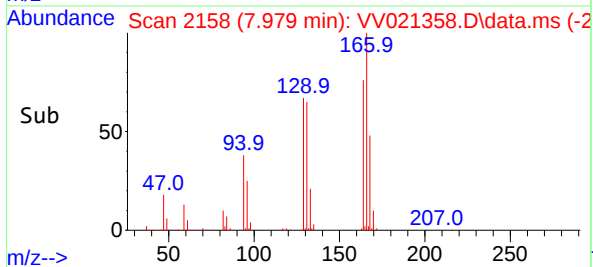
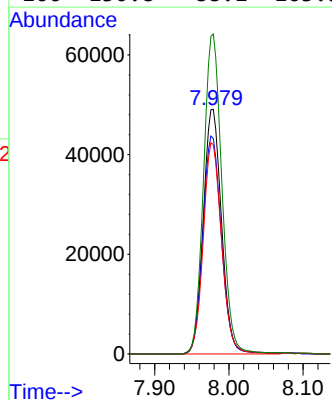
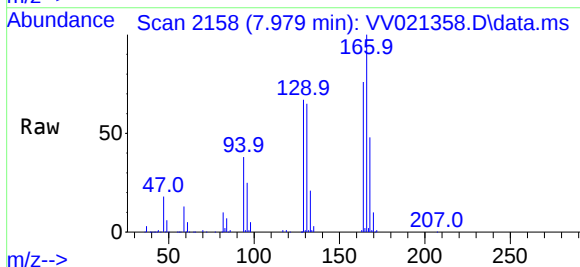
Ion Ratio Lower Upper

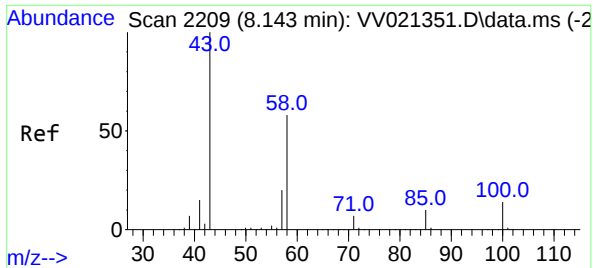
164 100

129 88.1 65.0 120.6

131 85.6 61.8 114.8

166 130.8 88.1 163.5





#48
2-Hexanone
Concen: 5.15 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV021358.D
Acq: 21 May 2021 14:56

Instrument :
MSVOA_V
ClientSampleId :
GB415

Tgt Ion: 43 Resp: 43794

Ion	Ratio	Lower	Upper
43	100		
58	46.8	47.8	71.8#
57	12.8	16.6	24.8#
100	9.4	11.5	17.3#

