

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041122\
 Data File : VW025443.D
 Acq On : 11 Apr 2022 12:28
 Operator : SY/MD
 Sample : N2319-03DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 12 07:05:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 12 07:03:45 2022
 Response via : Initial Calibration

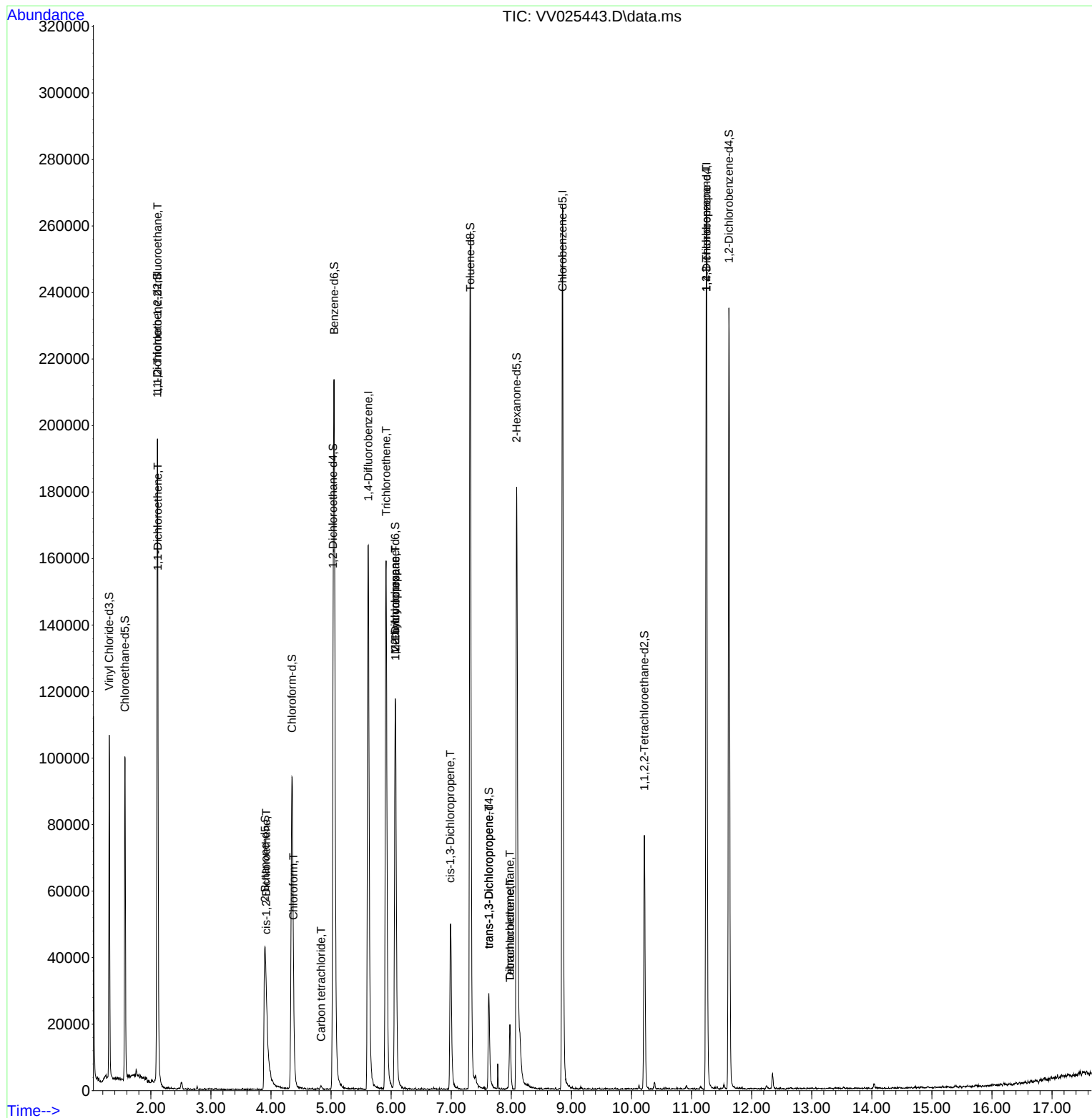
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	147767	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	149159	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69214	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	65140	4.742	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.800%	
7) Chloroethane-d5	1.568	69	61905	4.236	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.800%	
11) 1,1-Dichloroethene-d2	2.108	63	101326	3.682	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.600%	
20) 2-Butanone-d5	3.899	46	85199	50.984	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.960%	
24) Chloroform-d	4.349	84	99597	4.798	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.034	65	47134	5.269	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.050	84	200394	4.643	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
36) 1,2-Dichloropropane-d6	6.069	67	58508	4.861	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.200%	
41) Toluene-d8	7.317	98	173854	4.341	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.800%	
43) trans-1,3-Dichloroprop...	7.625	79	17811	4.403	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.000%	
46) 2-Hexanone-d5	8.088	63	65122	45.866	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.740%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36333	4.778	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	59243	5.105	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1147	0.089	ug/L #	27
12) 1,1-Dichloroethene	2.117	96	2753	0.215	ug/L #	1
22) cis-1,2-Dichloroethene	3.918	96	2420	0.214	ug/L	89
25) Chloroform	4.375	83	3235	0.168	ug/L	96
31) Carbon tetrachloride	4.834	117	648	0.044	ug/L #	73
34) Trichloroethene	5.915	95	55689	4.760	ug/L	98
35) Methylcyclohexane	6.069	83	14364	0.769	ug/L #	23
37) 1,2-Dichloropropane	6.072	63	6693	0.657	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1600	0.120	ug/L #	68
44) trans-1,3-Dichloropropene	7.625	75	778	0.075	ug/L #	41
47) Tetrachloroethene	7.979	164	4565	0.498	ug/L	88
49) Dibromochloromethane	7.976	129	4265	0.569	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8366	1.835	ug/L #	61

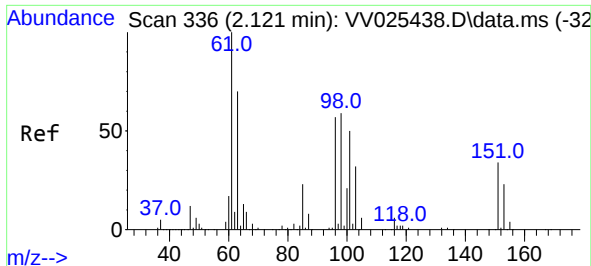
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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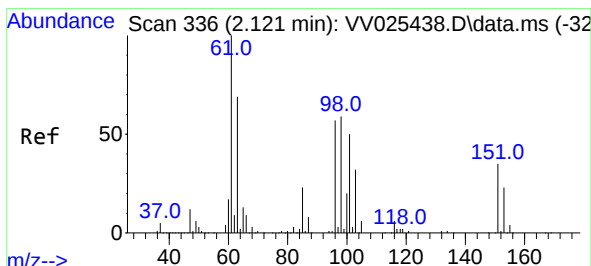
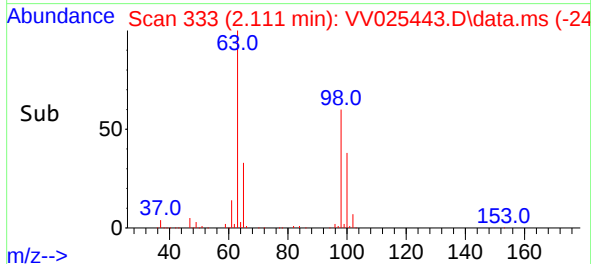
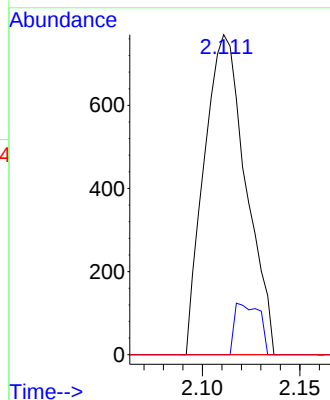
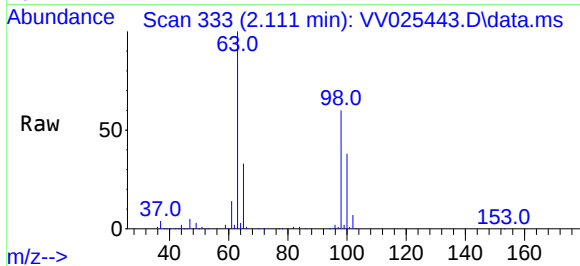




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.089 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV025443.D
Acq: 11 Apr 2022 12:28

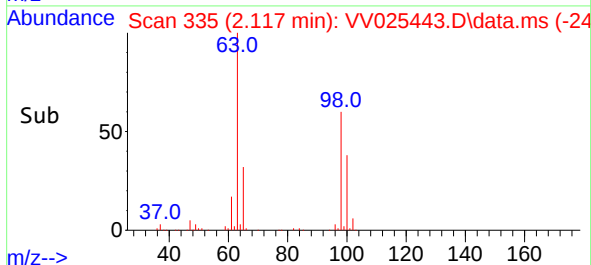
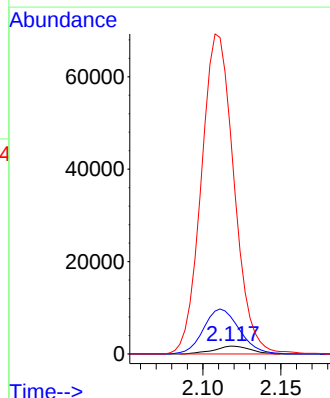
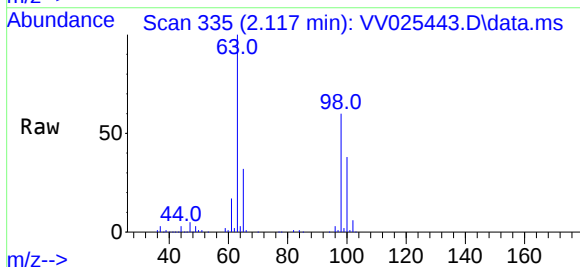
Instrument :
MSVOA_V
ClientSampleId :

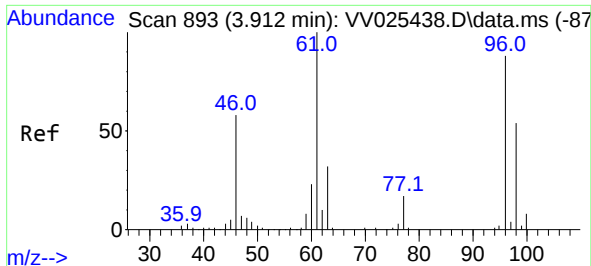
Tgt Ion:101 Resp: 1147
Ion Ratio Lower Upper
101 100
85 9.5 35.9 53.9#
151 0.0 56.0 84.0#



#12
1,1-Dichloroethene
Concen: 0.215 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV025443.D
Acq: 11 Apr 2022 12:28

Tgt Ion: 96 Resp: 2753
Ion Ratio Lower Upper
96 100
61 482.0 125.2 232.4#
63 2872.0 114.4 212.4#





#22

cis-1,2-Dichloroethene

Concen: 0.214 ug/L

RT: 3.918 min Scan# 893

Delta R.T. 0.006 min

Lab File: VV025443.D

Acq: 11 Apr 2022 12:28

Instrument :

MSVOA_V

ClientSampleId :

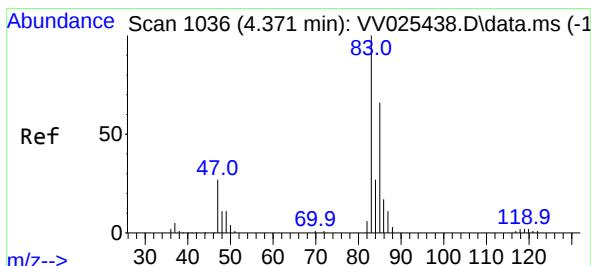
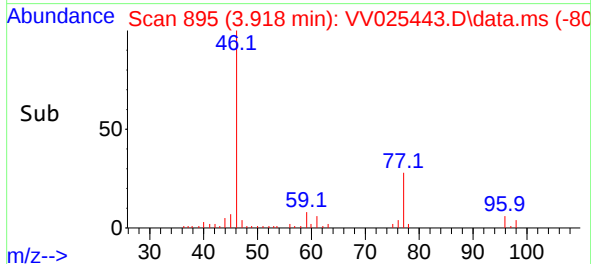
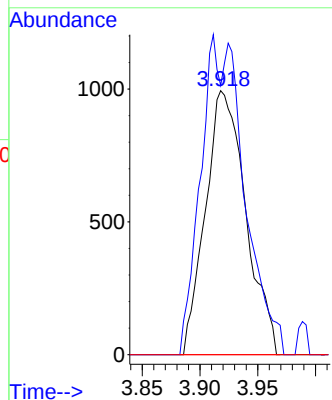
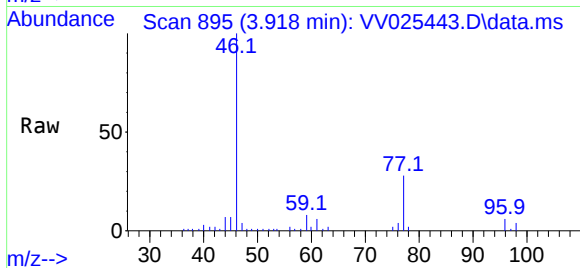
Tgt Ion: 96 Resp: 2420

Ion Ratio Lower Upper

96 100

61 102.0 80.0 148.6

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.168 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV025443.D

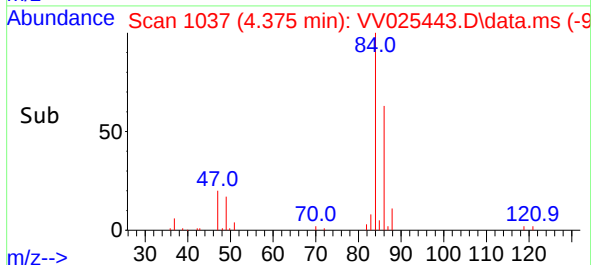
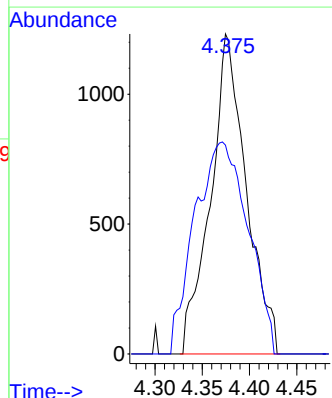
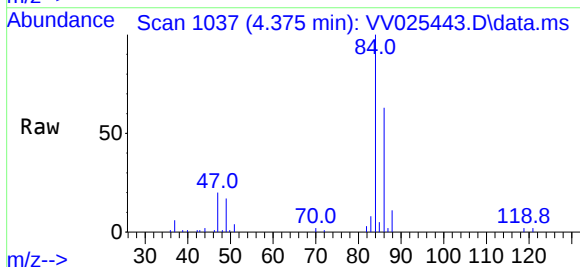
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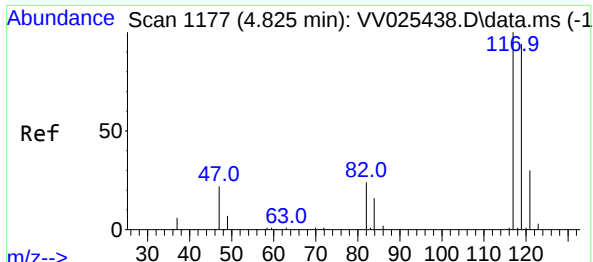
Tgt Ion: 83 Resp: 3235

Ion Ratio Lower Upper

83 100

85 65.3 43.5 80.7

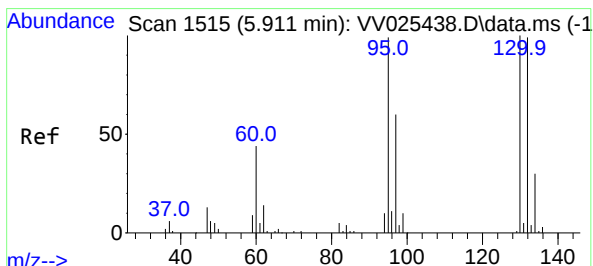
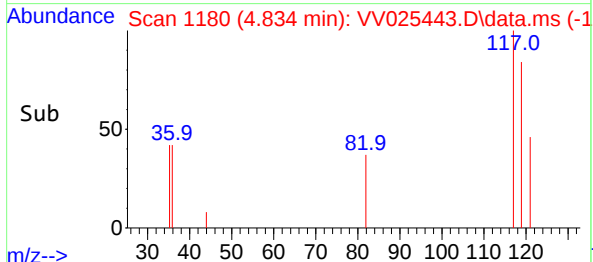
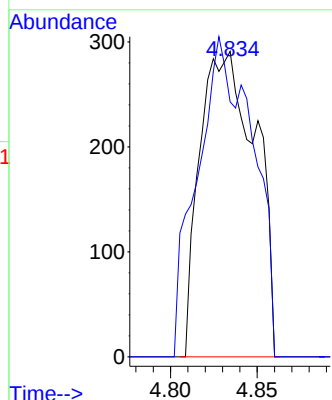
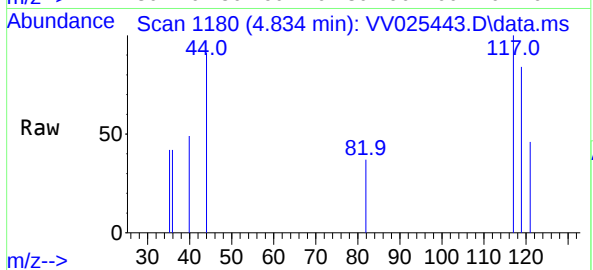




#31
Carbon tetrachloride
Concen: 0.044 ug/L
RT: 4.834 min Scan# 1177
Delta R.T. 0.010 min
Lab File: VV025443.D
Acq: 11 Apr 2022 12:28

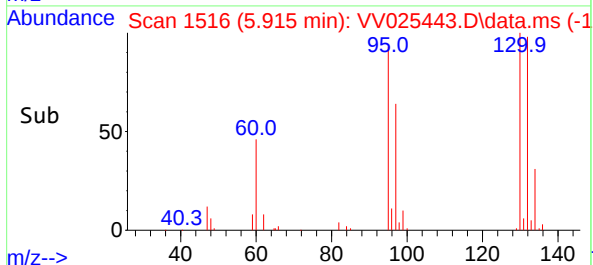
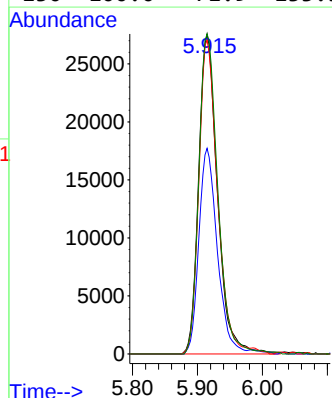
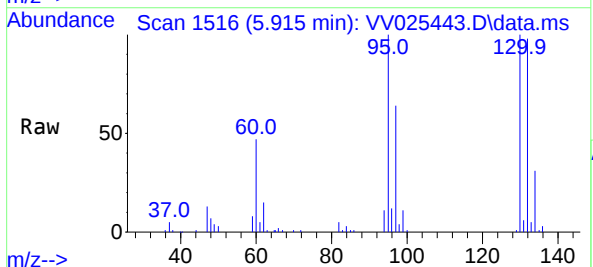
Instrument :
MSVOA_V
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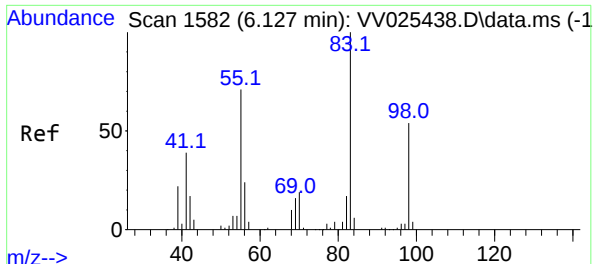
Tgt Ion:117 Resp: 648
Ion Ratio Lower Upper
117 100
119 69.0 76.6 114.8#



#34
Trichloroethene
Concen: 4.760 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV025443.D
Acq: 11 Apr 2022 12:28

Tgt Ion: 95 Resp: 55689
Ion Ratio Lower Upper
95 100
97 64.3 45.8 85.2
132 98.1 68.0 126.4
130 100.0 71.9 133.5





#35

Methylcyclohexane

Concen: 0.769 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV025443.D

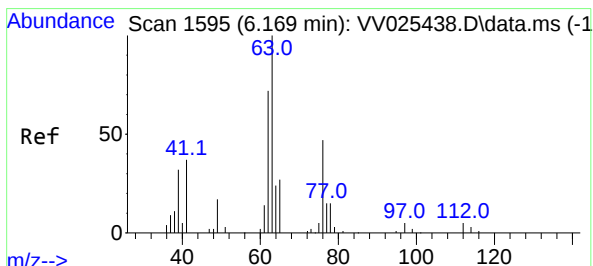
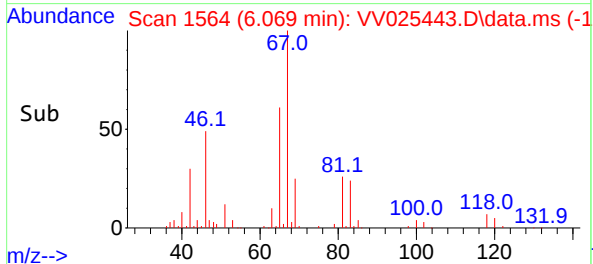
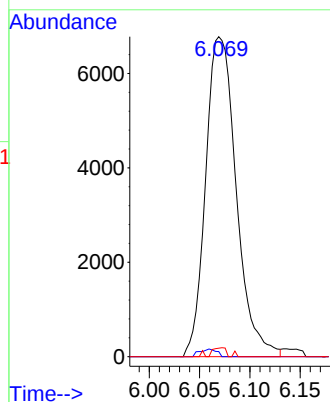
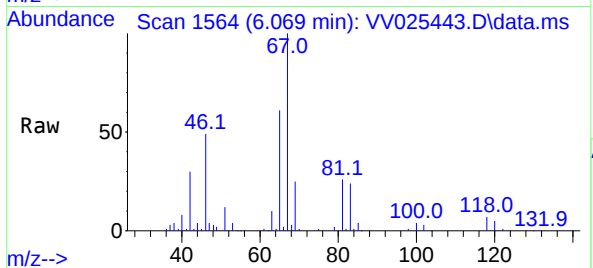
Acq: 11 Apr 2022 12:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	14364
Ion	Ratio	Lower	Upper
83	100		
55	1.3	53.7	80.5#
98	1.2	39.6	59.4#



#37

1,2-Dichloropropane

Concen: 0.657 ug/L

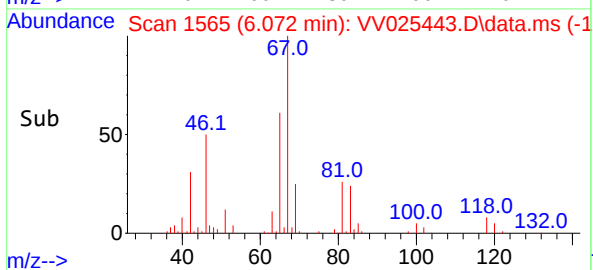
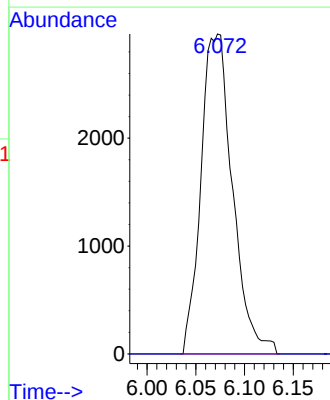
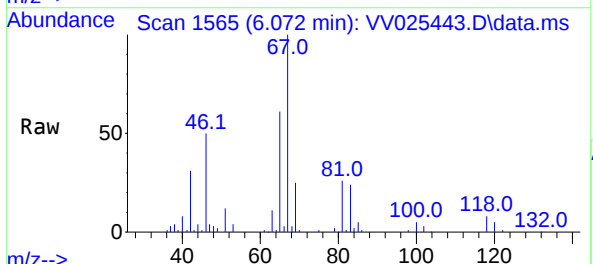
RT: 6.072 min Scan# 1565

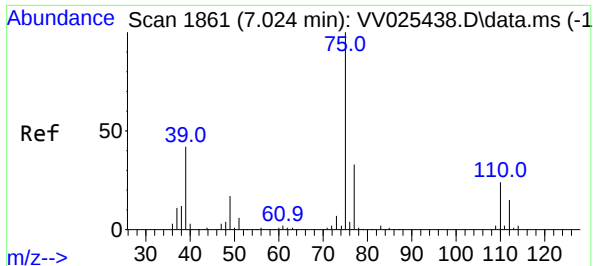
Delta R.T. -0.096 min

Lab File: VV025443.D

Acq: 11 Apr 2022 12:28

Tgt Ion:	63	Resp:	6693
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV025443.D

Acq: 11 Apr 2022 12:28

Instrument :

MSVOA_V

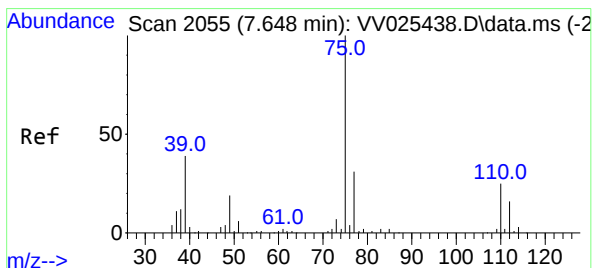
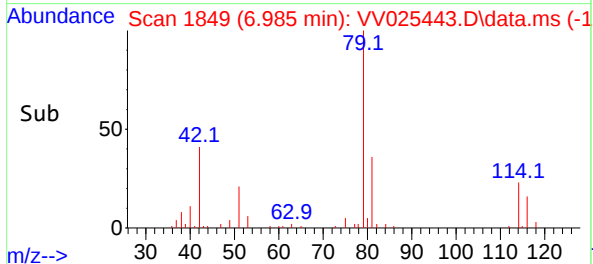
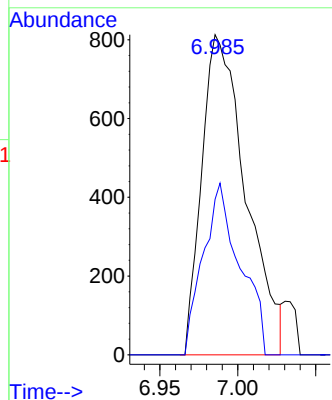
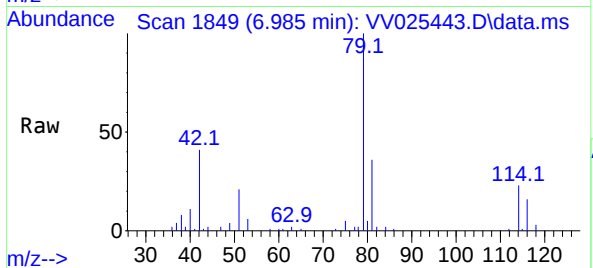
ClientSampleId :

Tgt Ion: 75 Resp: 1600

Ion Ratio Lower Upper

75 100

77 48.6 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.023 min

Lab File: VV025443.D

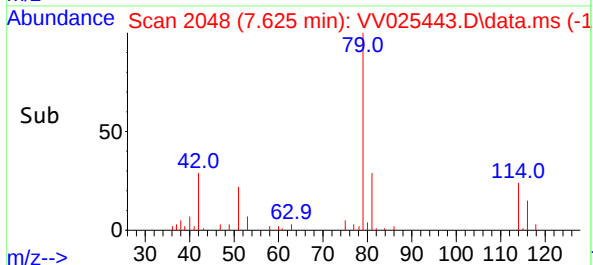
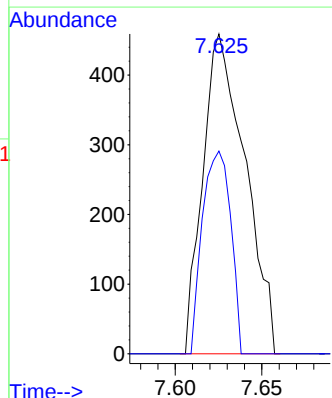
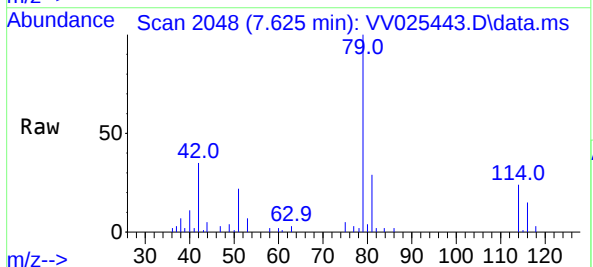
Acq: 11 Apr 2022 12:28

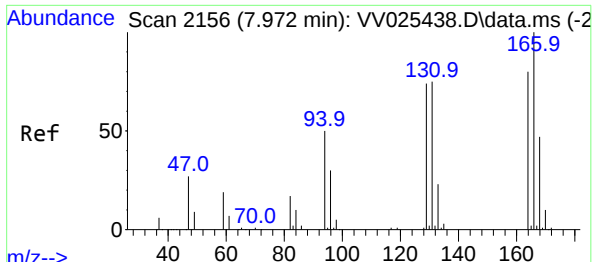
Tgt Ion: 75 Resp: 778

Ion Ratio Lower Upper

75 100

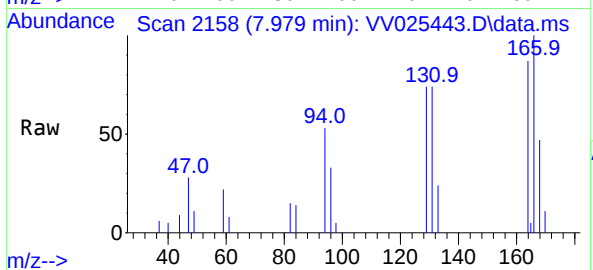
77 63.4 21.7 40.3#





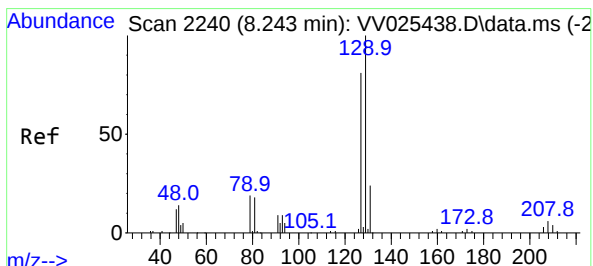
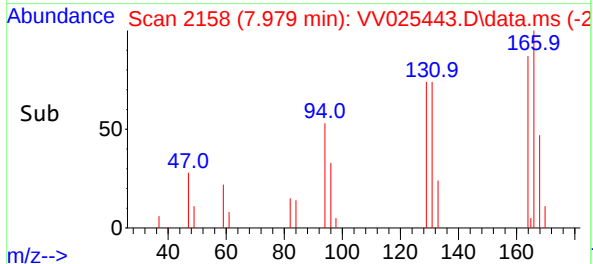
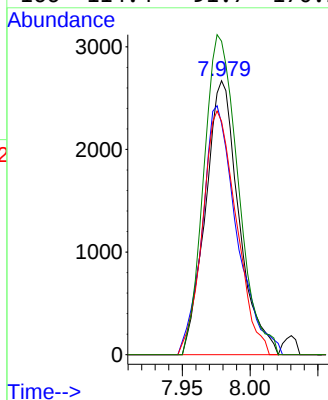
#47
Tetrachloroethene
Concen: 0.498 ug/L
RT: 7.979 min Scan# 2157
Delta R.T. 0.006 min
Lab File: VV025443.D
Acq: 11 Apr 2022 12:28

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 4565

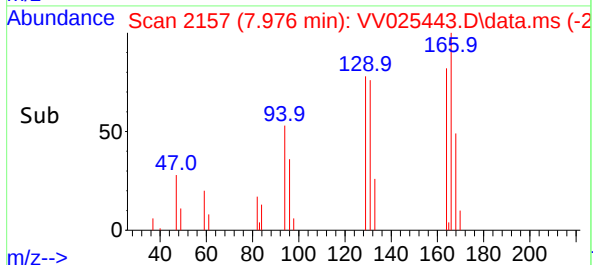
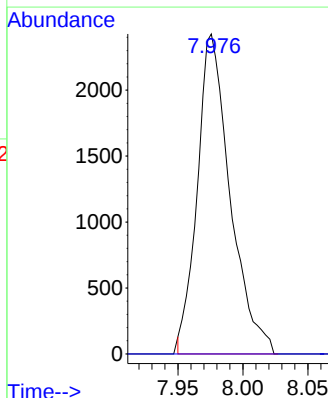
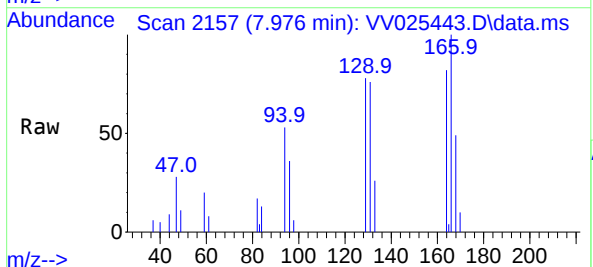
Ion	Ratio	Lower	Upper
164	100		
129	84.4	66.8	124.2
131	85.1	66.4	123.4
166	114.4	91.7	170.3

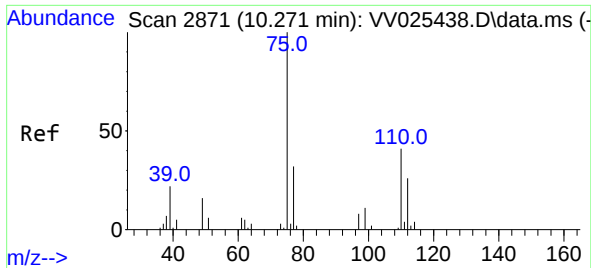


#49
Dibromochloromethane
Concen: 0.569 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV025443.D
Acq: 11 Apr 2022 12:28

Tgt Ion:129 Resp: 4265

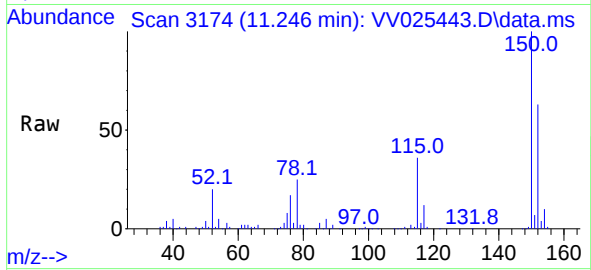
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	100.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.835 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV025443.D
 Acq: 11 Apr 2022 12:28

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 8366

Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.6	38.4
110	2.6	34.7	52.1#

