

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041122\
 Data File : VW025453.D
 Acq On : 11 Apr 2022 16:23
 Operator : SY/MD
 Sample : N2319-12RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 12 07:07:07 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	130273	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	132411	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62174	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59839	4.941	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.571	69	56491	4.384	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.111	63	91941	3.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.895	46	74465	50.545	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.080%
24) Chloroform-d	4.352	84	89134	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.034	65	41127	5.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.053	84	173191	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.069	67	51576	4.827	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.317	98	145853	4.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.625	79	15117	4.209	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.091	63	54218	43.016	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.040%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31984	4.738	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	51044	4.897	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	639	0.054	ug/L	92
3) Chloromethane	1.240	50	656	0.051	ug/L	91
9) Trichlorofluoromethane	1.757	101	888	0.044	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1011	0.089	ug/L #	21
12) 1,1-Dichloroethene	2.117	96	1473	0.130	ug/L #	1
17) Methyl tert-butyl Ether	2.777	73	951	0.054	ug/L #	67
25) Chloroform	4.378	83	18655	1.102	ug/L	89
31) Carbon tetrachloride	4.831	117	38931	2.948	ug/L	98
34) Trichloroethene	5.921	95	12711	1.224	ug/L	97
35) Methylcyclohexane	6.072	83	12616	0.761	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	5527	0.611	ug/L #	87
38) Bromodichloromethane	6.516	83	1249	0.111	ug/L #	95
39) cis-1,3-Dichloropropene	6.992	75	1238	0.104	ug/L #	79
44) trans-1,3-Dichloropropene	7.625	75	759	0.082	ug/L #	67
47) Tetrachloroethene	7.976	164	11605	1.427	ug/L	92
49) Dibromochloromethane	7.976	129	10302	1.549	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7546	1.843	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	12.246	75	152	0.215	ug/L #	2

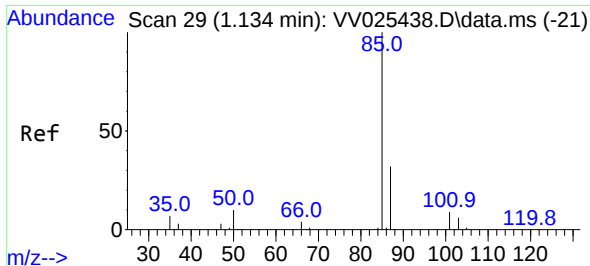
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041122\
Data File : VV025453.D
Acq On : 11 Apr 2022 16:23
Operator : SY/MD
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 12 07:03:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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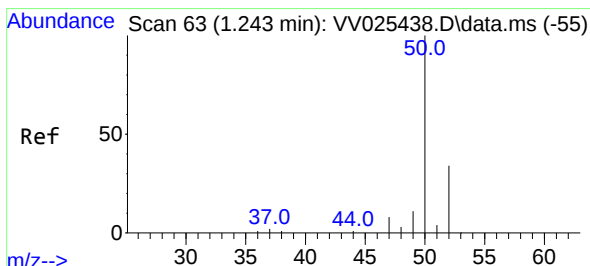
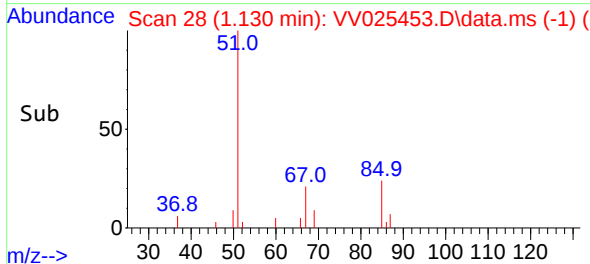
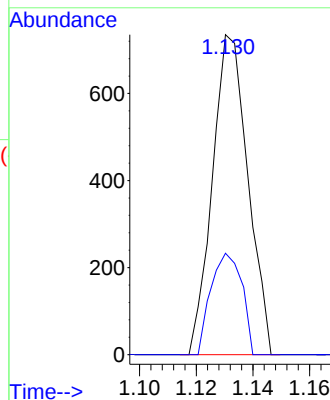
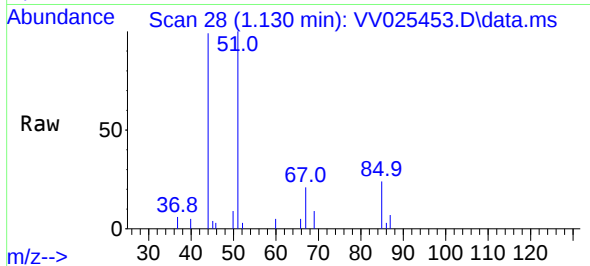
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.054 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV025453.D
 Acq: 11 Apr 2022 16:23

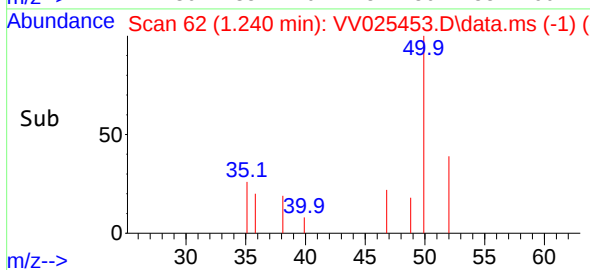
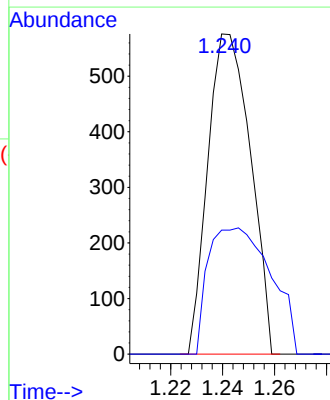
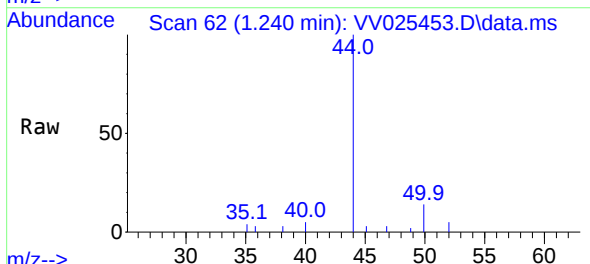
Instrument :
 MSVOA_V
 ClientSampleId :

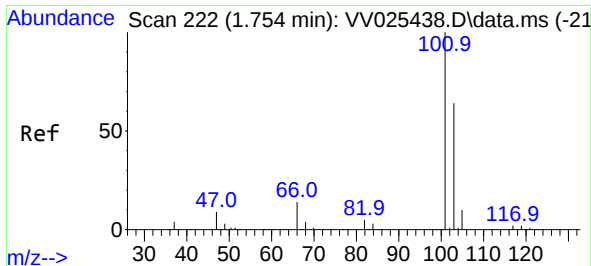
Tgt Ion: 85 Resp: 639
 Ion Ratio Lower Upper
 85 100
 87 27.7 25.6 38.4



#3
 Chloromethane
 Concen: 0.051 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV025453.D
 Acq: 11 Apr 2022 16:23

Tgt Ion: 50 Resp: 656
 Ion Ratio Lower Upper
 50 100
 52 38.7 23.7 43.9

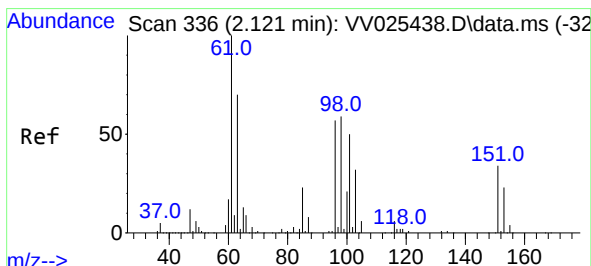
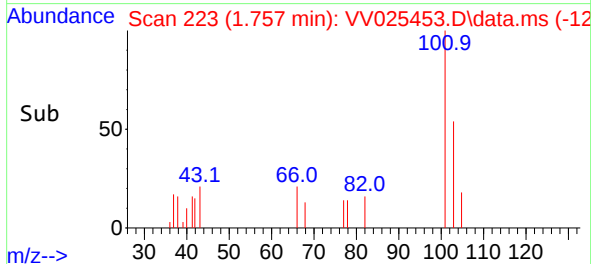
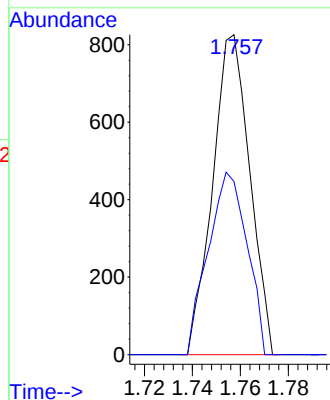
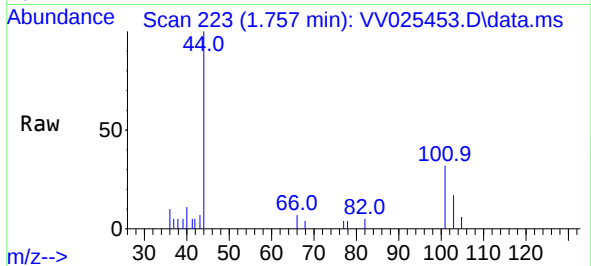




#9
Trichlorofluoromethane
Concen: 0.044 ug/L
RT: 1.757 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025453.D
Acq: 11 Apr 2022 16:23

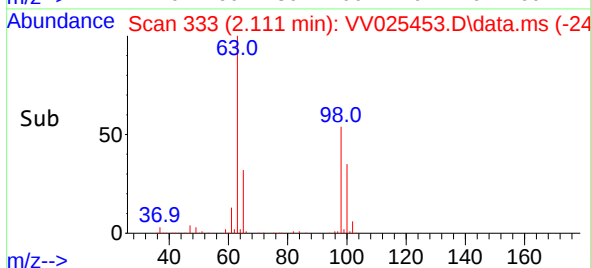
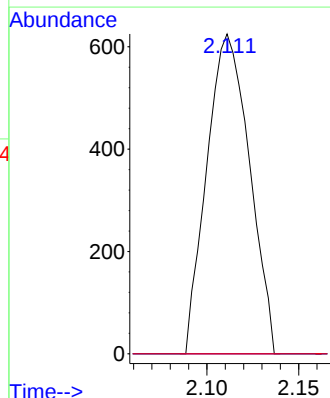
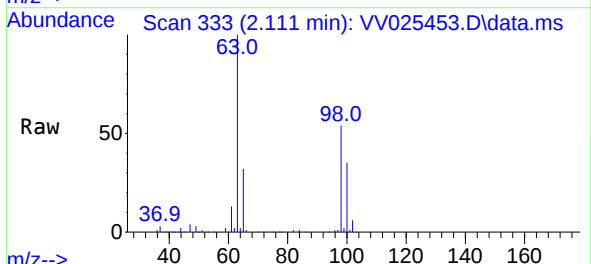
Instrument :
MSVOA_V
ClientSampleId :

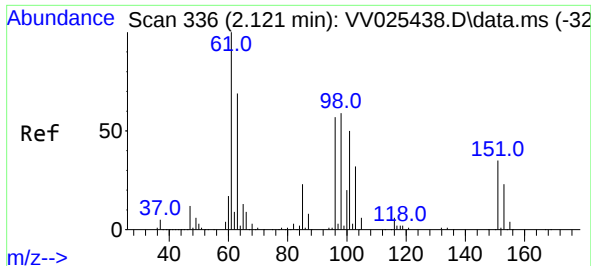
Tgt Ion:101 Resp: 888
Ion Ratio Lower Upper
101 100
103 59.7 51.9 77.9



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.089 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.010 min
Lab File: VV025453.D
Acq: 11 Apr 2022 16:23

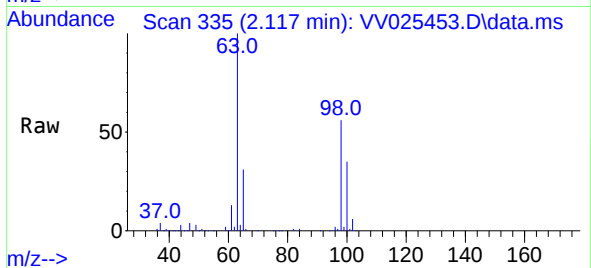
Tgt Ion:101 Resp: 1011
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 56.0 84.0#



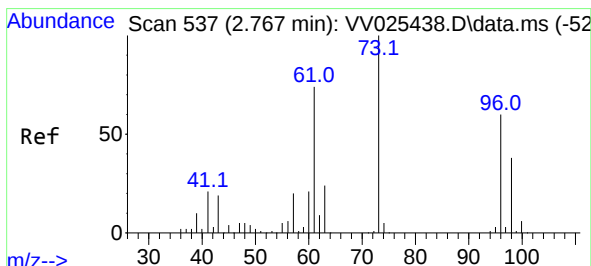
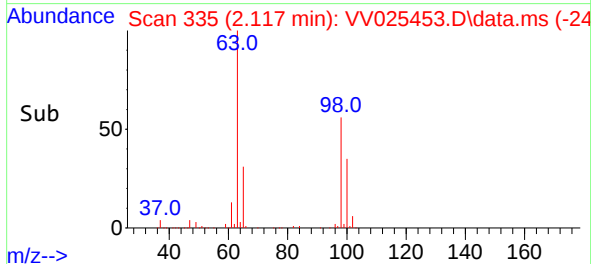
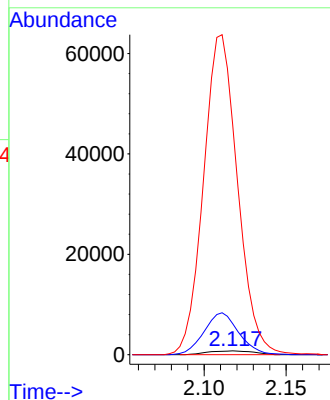


#12
1,1-Dichloroethene
Concen: 0.130 ug/L
RT: 2.117 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV025453.D
Acq: 11 Apr 2022 16:23

Instrument :
MSVOA_V
ClientSampleId :

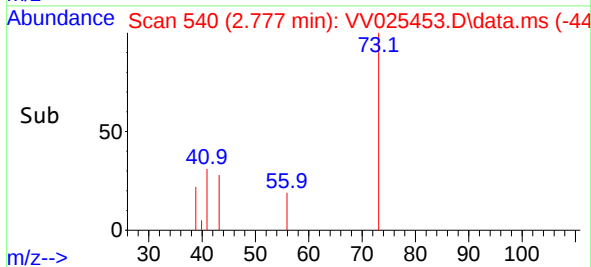
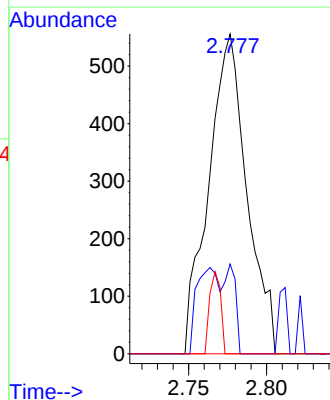
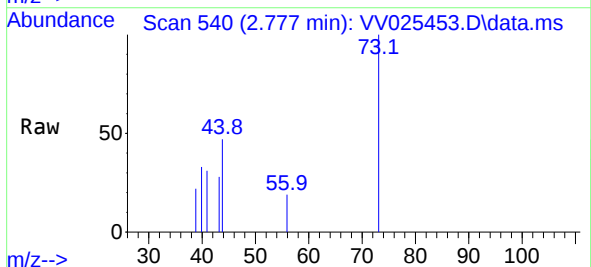


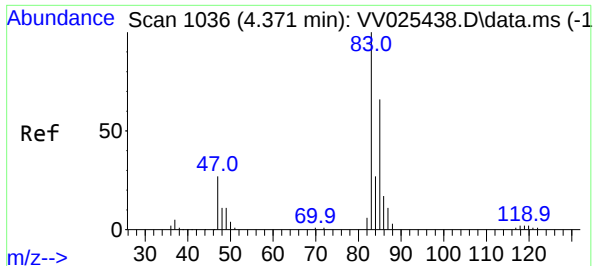
Tgt Ion: 96 Resp: 1473
Ion Ratio Lower Upper
96 100
61 812.6 125.2 232.4#
63 6025.8 114.4 212.4#



#17
Methyl tert-butyl Ether
Concen: 0.054 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.010 min
Lab File: VV025453.D
Acq: 11 Apr 2022 16:23

Tgt Ion: 73 Resp: 951
Ion Ratio Lower Upper
73 100
43 8.3 14.2 21.4#
57 0.0 16.1 24.1#





#25

Chloroform

Concen: 1.102 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025453.D

Acq: 11 Apr 2022 16:23

Instrument :

MSVOA_V

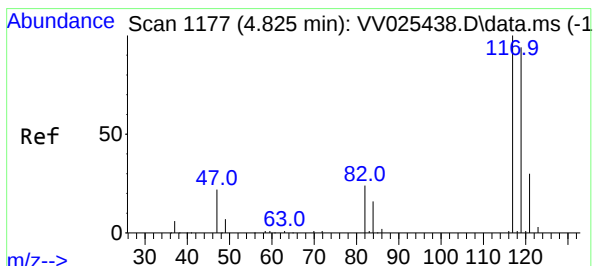
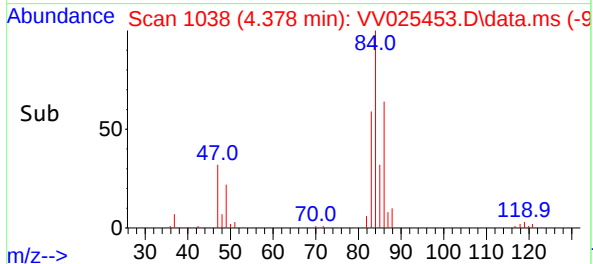
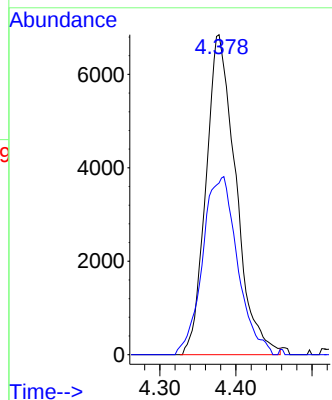
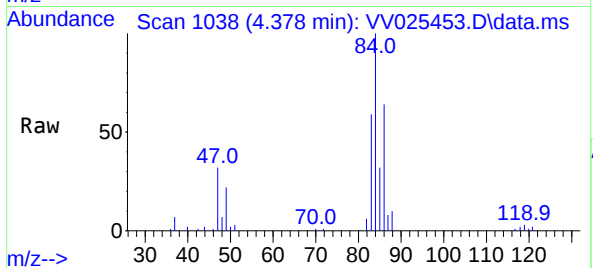
ClientSampleId :

Tgt Ion: 83 Resp: 18655

Ion Ratio Lower Upper

83 100

85 53.6 43.5 80.7



#31

Carbon tetrachloride

Concen: 2.948 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VV025453.D

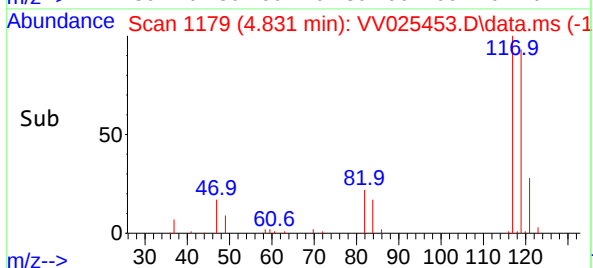
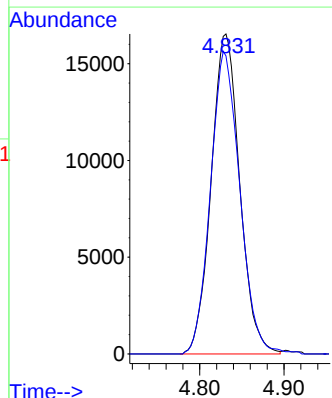
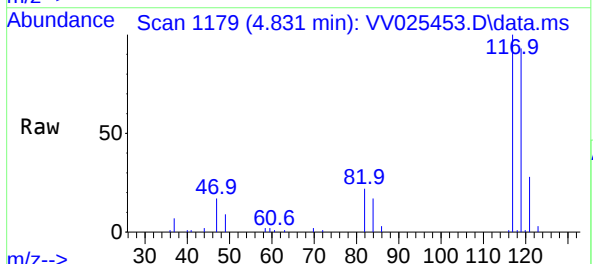
Acq: 11 Apr 2022 16:23

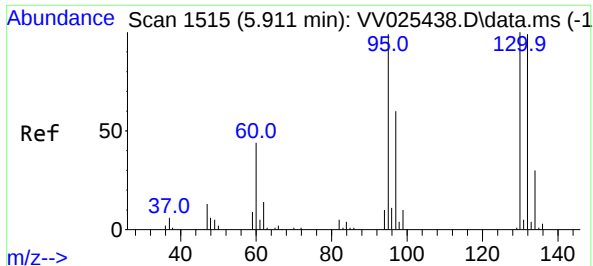
Tgt Ion: 117 Resp: 38931

Ion Ratio Lower Upper

117 100

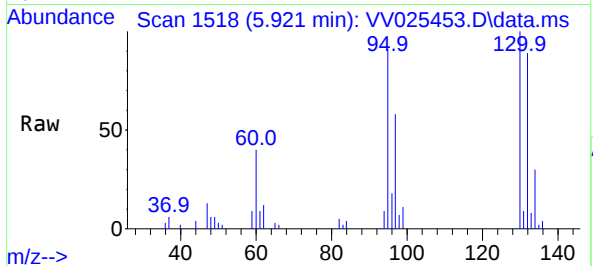
119 97.3 76.6 114.8



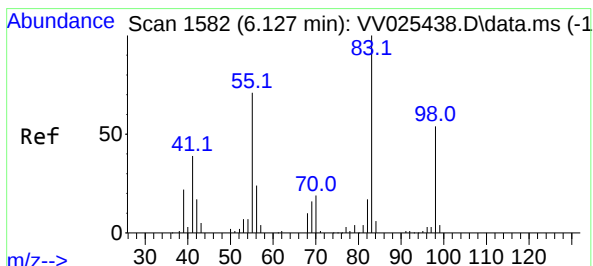
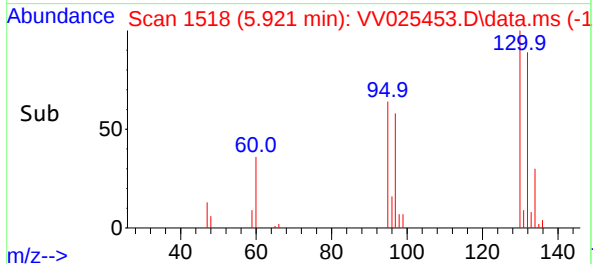
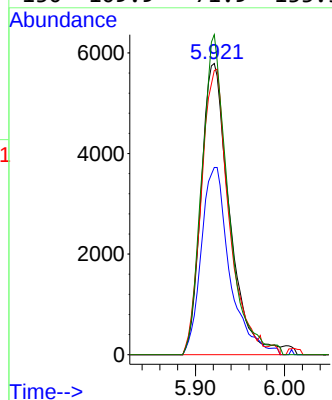


#34
Trichloroethene
Concen: 1.224 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV025453.D
Acq: 11 Apr 2022 16:23

Instrument :
MSVOA_V
ClientSampleId :

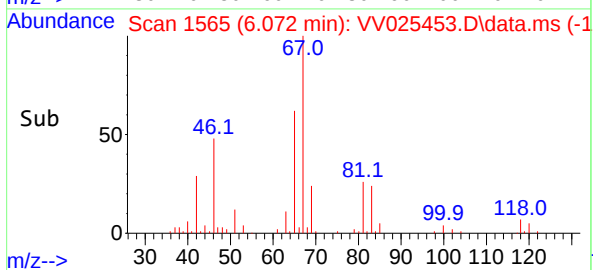
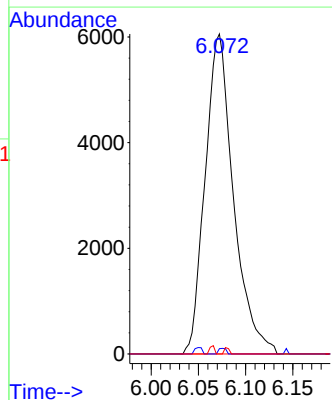
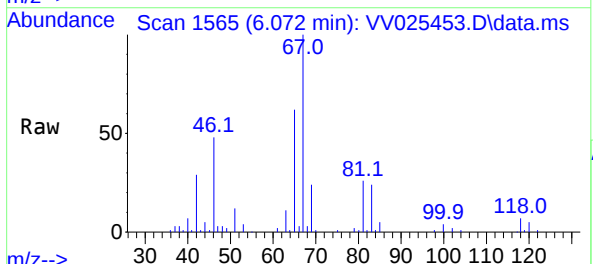


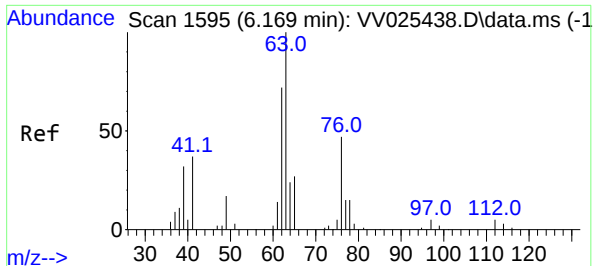
Tgt Ion: 95 Resp: 12711
Ion Ratio Lower Upper
95 100
97 64.3 45.8 85.2
132 97.6 68.0 126.4
130 109.9 71.9 133.5



#35
Methylcyclohexane
Concen: 0.761 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025453.D
Acq: 11 Apr 2022 16:23

Tgt Ion: 83 Resp: 12616
Ion Ratio Lower Upper
83 100
55 0.5 53.7 80.5#
98 0.3 39.6 59.4#

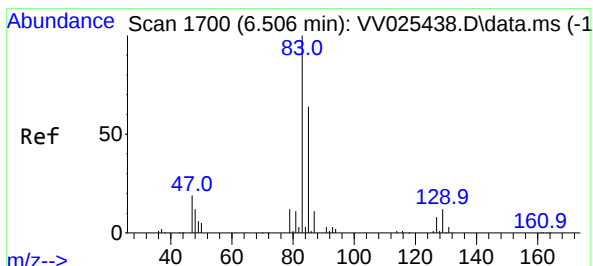
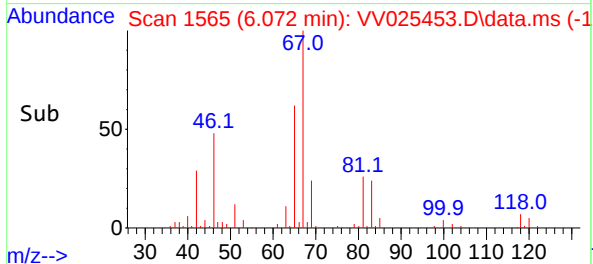
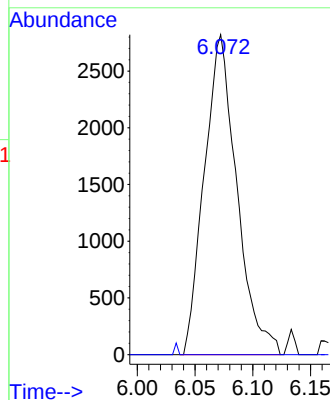
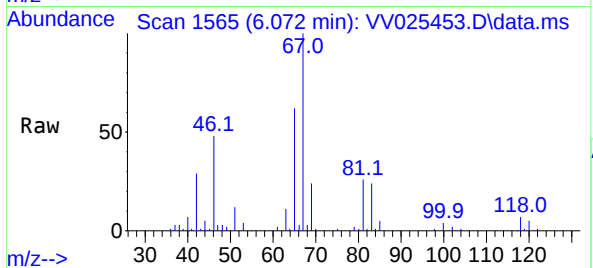




#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 6.072 min Scan# 11
Delta R.T. -0.096 min
Lab File: VV025453.D
Acq: 11 Apr 2022 16:23

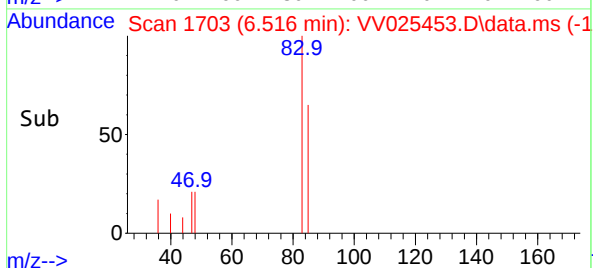
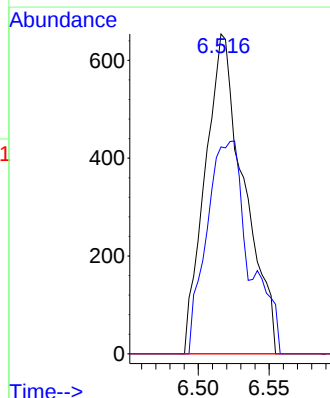
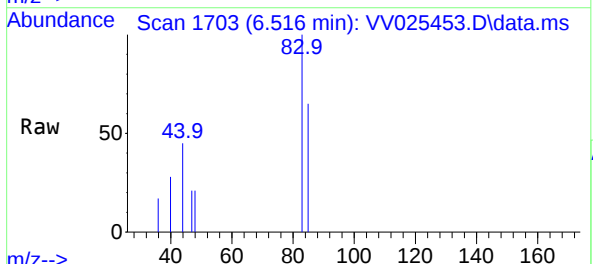
Instrument :
MSVOA_V
ClientSampleId :

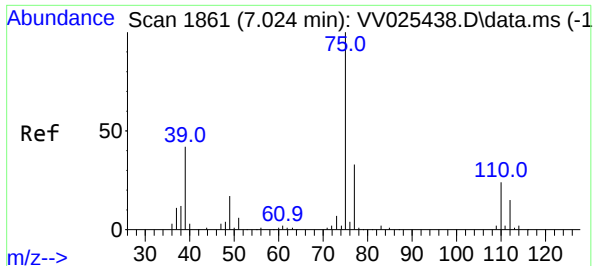
Tgt Ion: 63 Resp: 5527
Ion Ratio Lower Upper
63 100
112 0.4 3.8 5.8#



#38
Bromodichloromethane
Concen: 0.111 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.010 min
Lab File: VV025453.D
Acq: 11 Apr 2022 16:23

Tgt Ion: 83 Resp: 1249
Ion Ratio Lower Upper
83 100
85 64.7 44.4 82.4
127 0.0 7.2 10.8#





#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV025453.D

Acq: 11 Apr 2022 16:23

Instrument :

MSVOA_V

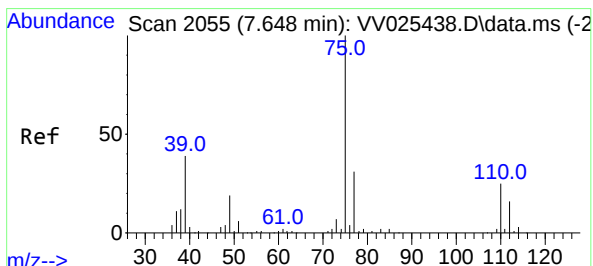
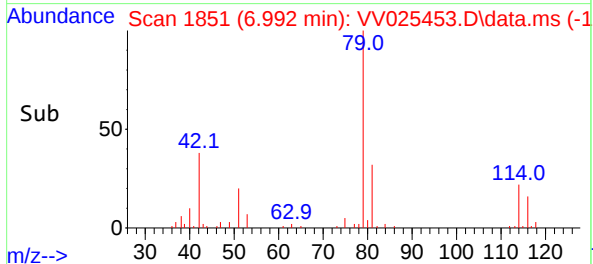
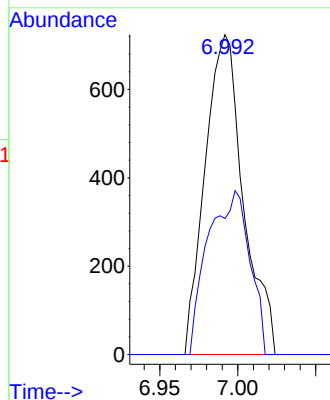
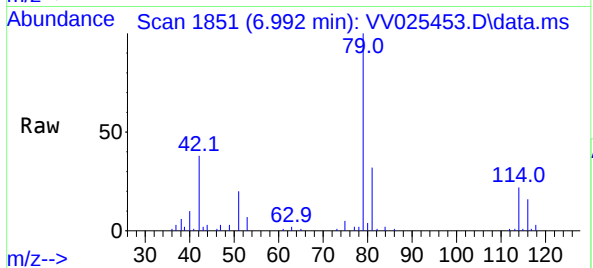
ClientSampleId :

Tgt Ion: 75 Resp: 1238

Ion Ratio Lower Upper

75 100

77 42.5 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.023 min

Lab File: VV025453.D

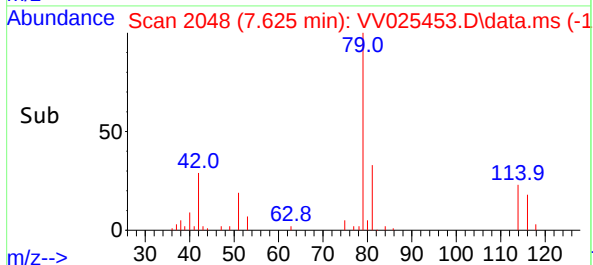
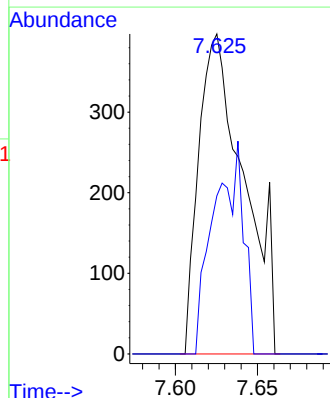
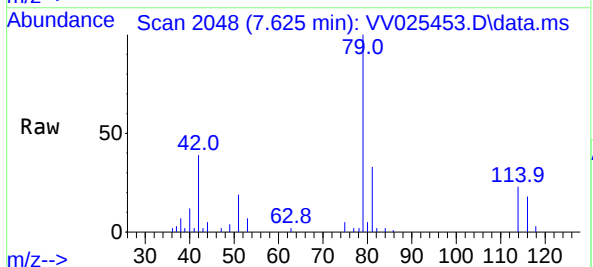
Acq: 11 Apr 2022 16:23

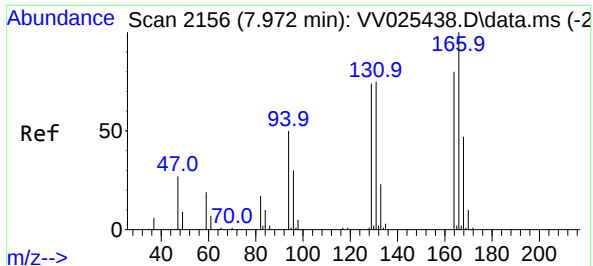
Tgt Ion: 75 Resp: 759

Ion Ratio Lower Upper

75 100

77 49.4 21.7 40.3#





#47

Tetrachloroethene

Concen: 1.427 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025453.D

Acq: 11 Apr 2022 16:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 11605

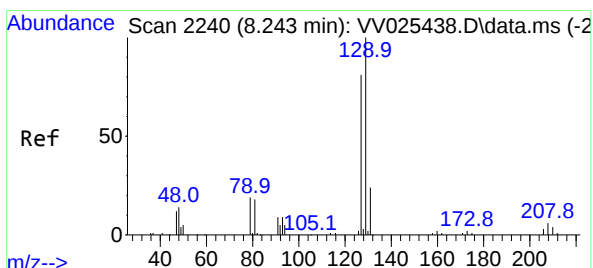
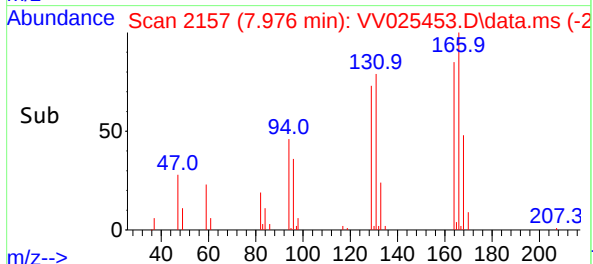
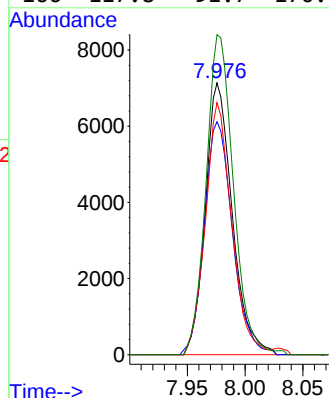
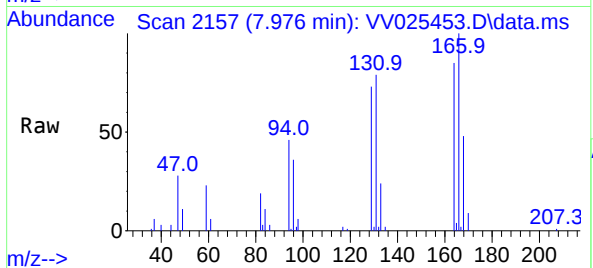
Ion Ratio Lower Upper

164 100

129 85.7 66.8 124.2

131 92.8 66.4 123.4

166 117.8 91.7 170.3



#49

Dibromochloromethane

Concen: 1.549 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025453.D

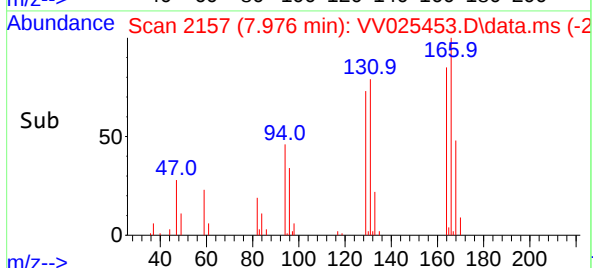
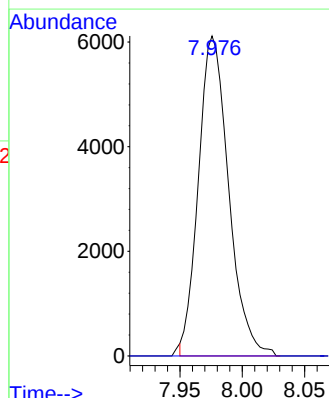
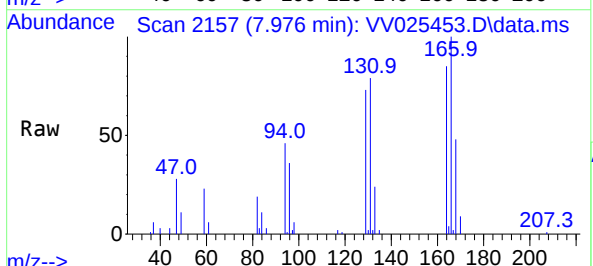
Acq: 11 Apr 2022 16:23

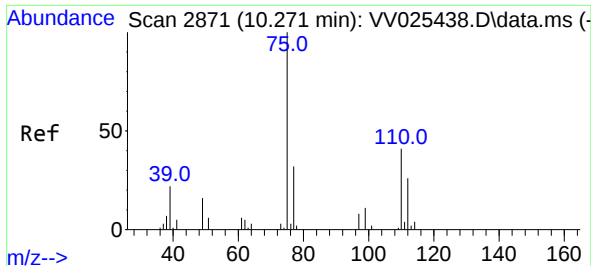
Tgt Ion:129 Resp: 10302

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#

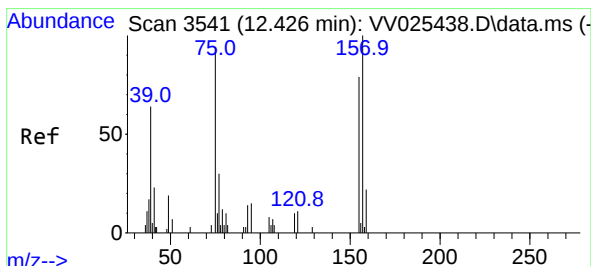
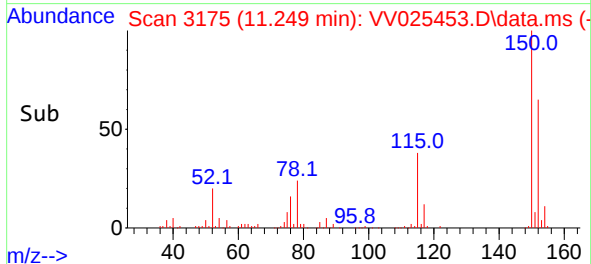
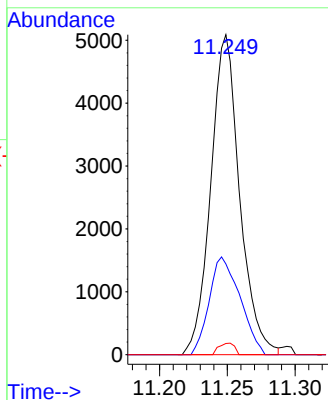
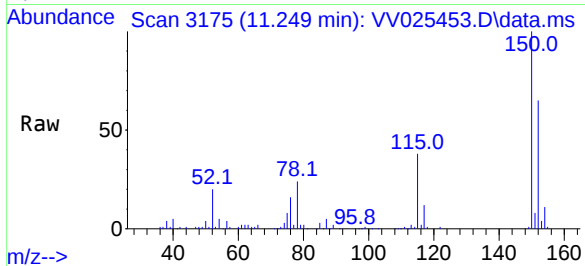




#61
 1,2,3-Trichloropropane
 Concen: 1.843 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.977 min
 Lab File: VV025453.D
 Acq: 11 Apr 2022 16:23

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 7546
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.6 38.4
 110 1.9 34.7 52.1#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.215 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.180 min
 Lab File: VV025453.D
 Acq: 11 Apr 2022 16:23

Tgt Ion: 75 Resp: 152
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#

