

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041122\
 Data File : VW025450.D
 Acq On : 11 Apr 2022 15:12
 Operator : SY/MD
 Sample : N2319-07 100X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 12 07:06:30 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)

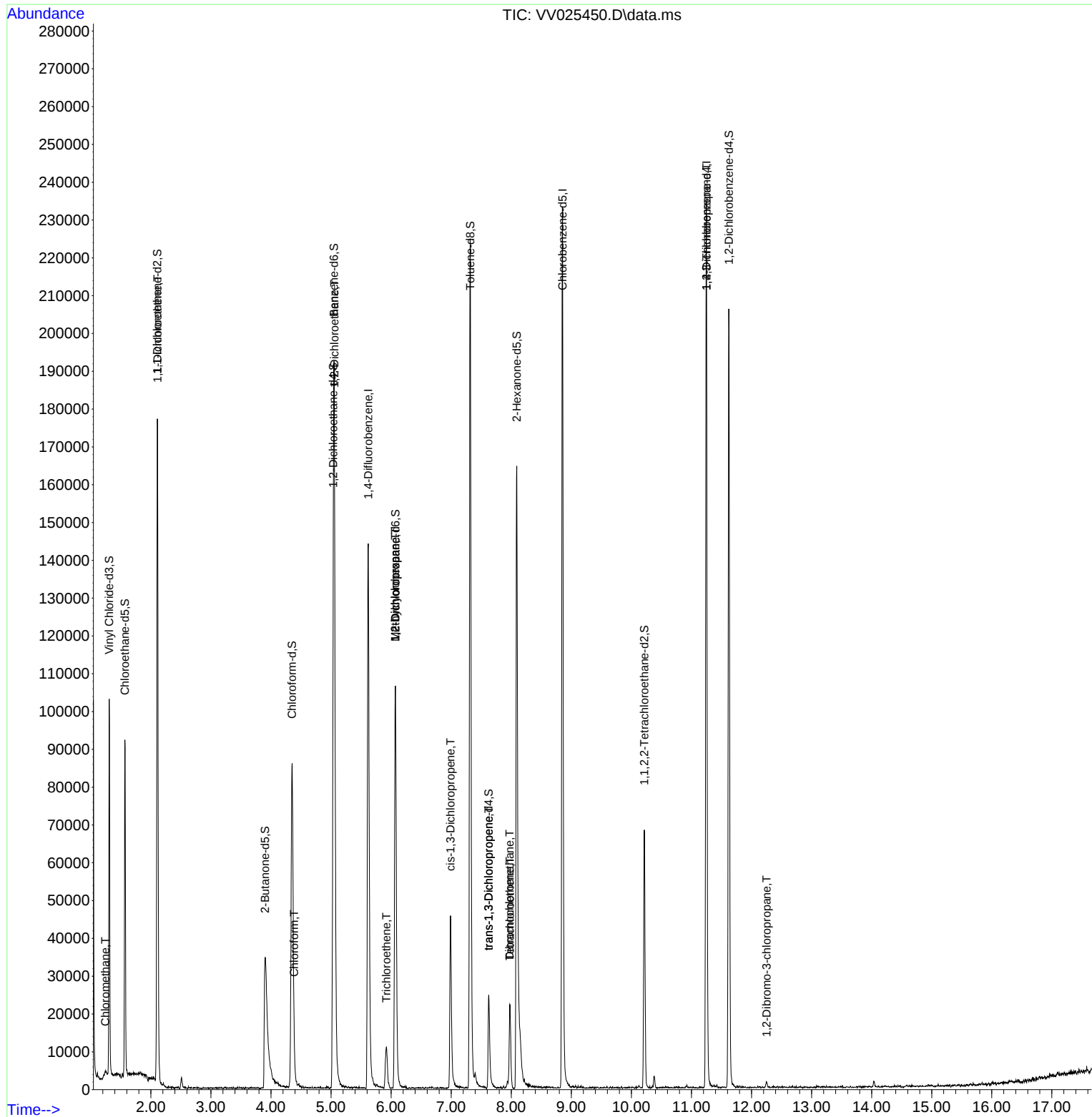
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	129751	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	129687	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60665	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61095	5.065	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.200%
7) Chloroethane-d5	1.568	69	56236	4.382	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.108	63	93491	3.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	3.902	46	76564	52.178	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.360%
24) Chloroform-d	4.352	84	90535	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.037	65	42615	5.426	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.050	84	180297	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.072	67	51903	4.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.317	98	152603	4.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.625	79	15419	4.384	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.092	63	58135	47.093	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32530	4.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	53107	5.221	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	476	0.037	ug/L	95
12) 1,1-Dichloroethene	2.111	96	1056	0.094	ug/L #	1
25) Chloroform	4.384	83	1710	0.101	ug/L	78
27) 1,2-Dichloroethane	5.056	62	1160	0.130	ug/L #	71
34) Trichloroethene	5.921	95	2993	0.294	ug/L	90
35) Methylcyclohexane	6.069	83	12923	0.796	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	5925	0.669	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1275	0.110	ug/L #	48
44) trans-1,3-Dichloropropene	7.625	75	910	0.101	ug/L	87
47) Tetrachloroethene	7.979	164	5256	0.660	ug/L	93
49) Dibromochloromethane	7.976	129	4783	0.734	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7903	1.978	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	12.249	75	88	0.127	ug/L #	2

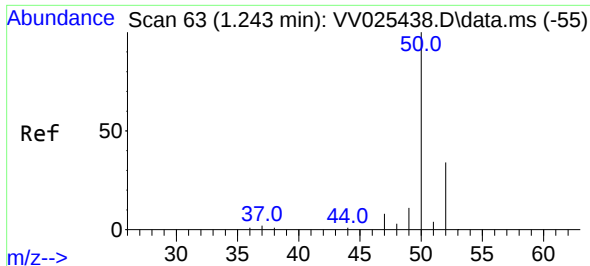
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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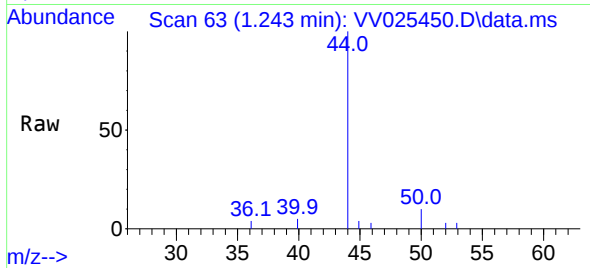
Quant Time: Apr 12 07:06:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
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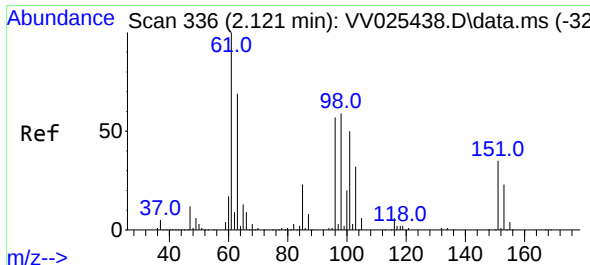
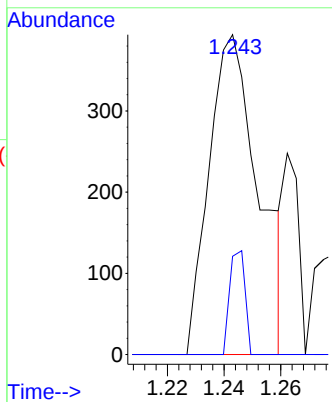
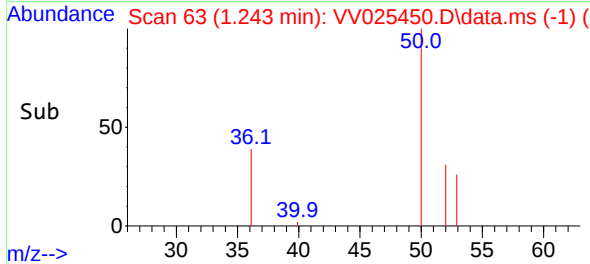


#3
Chloromethane
Concen: 0.037 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025450.D
Acq: 11 Apr 2022 15:12

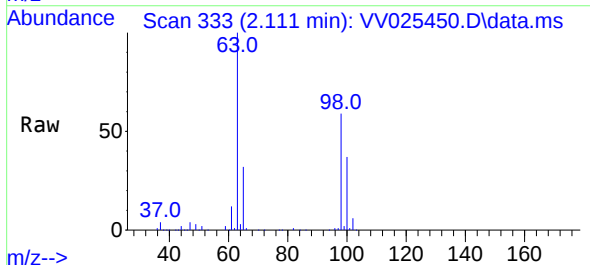
Instrument :
MSVOA_V
ClientSampleId :



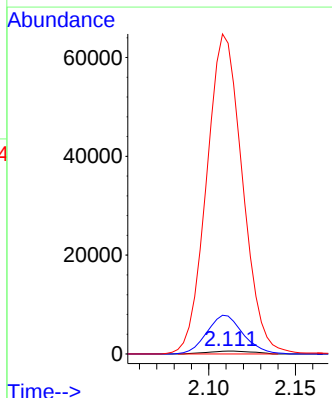
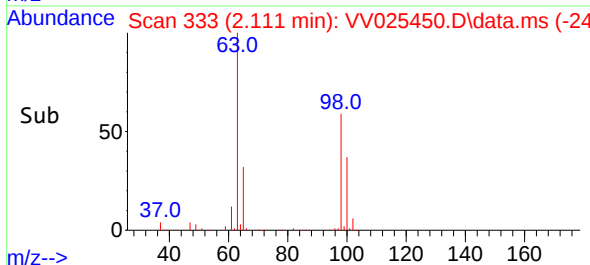
Tgt Ion: 50 Resp: 476
Ion Ratio Lower Upper
50 100
52 30.7 23.7 43.9

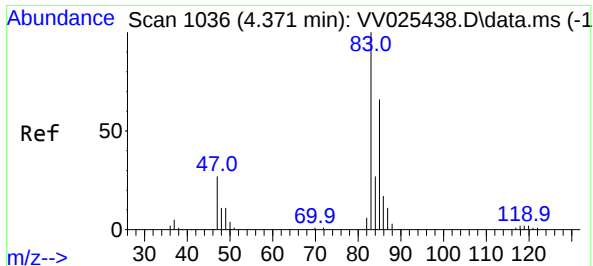


#12
1,1-Dichloroethene
Concen: 0.094 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.010 min
Lab File: VV025450.D
Acq: 11 Apr 2022 15:12



Tgt Ion: 96 Resp: 1056
Ion Ratio Lower Upper
96 100
61 1285.8 125.2 232.4#
63 10513.7 114.4 212.4#





#25

Chloroform

Concen: 0.101 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. 0.013 min

Lab File: VV025450.D

Acq: 11 Apr 2022 15:12

Instrument :

MSVOA_V

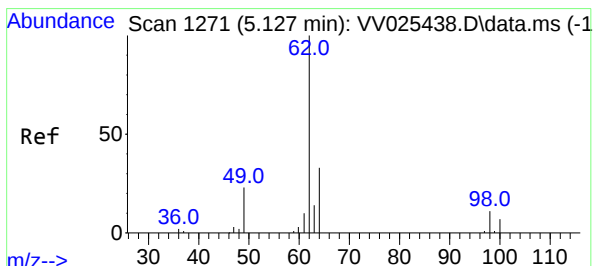
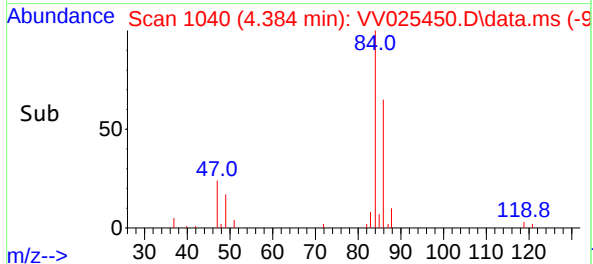
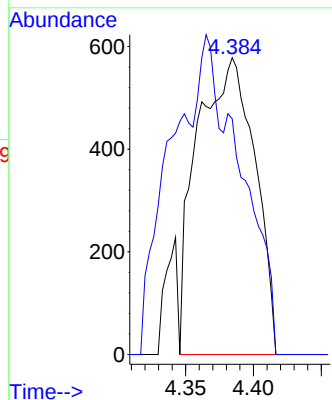
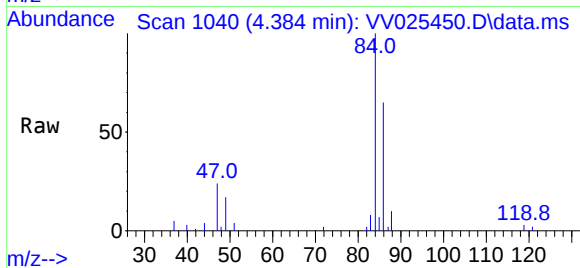
ClientSampleId :

Tgt Ion: 83 Resp: 1710

Ion Ratio Lower Upper

83 100

85 79.4 43.5 80.7



#27

1,2-Dichloroethane

Concen: 0.130 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.071 min

Lab File: VV025450.D

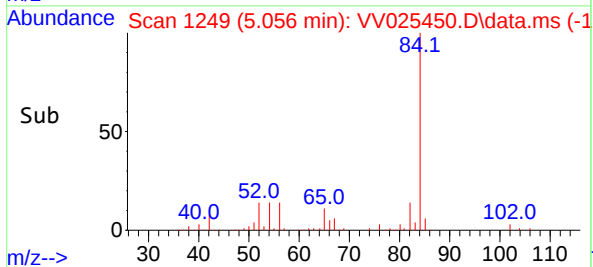
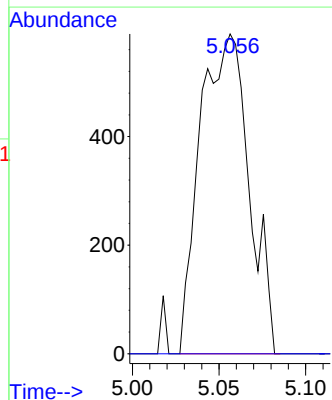
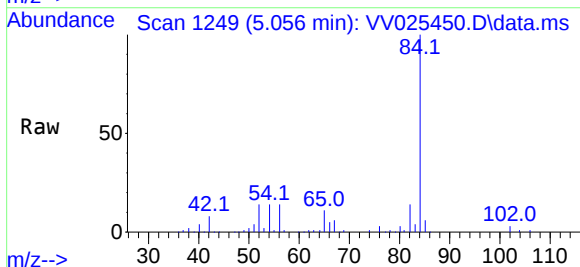
Acq: 11 Apr 2022 15:12

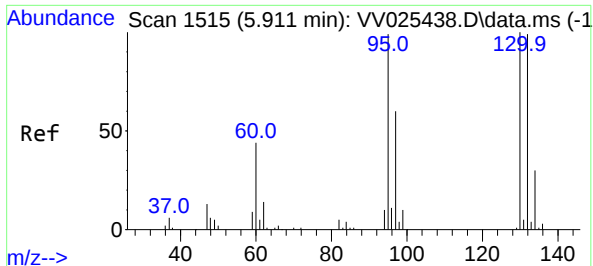
Tgt Ion: 62 Resp: 1160

Ion Ratio Lower Upper

62 100

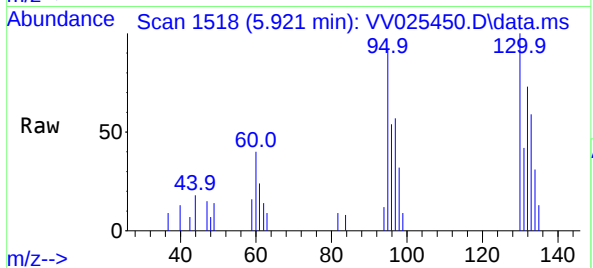
98 0.0 8.8 13.2#



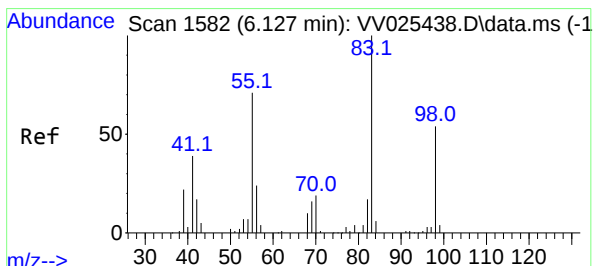
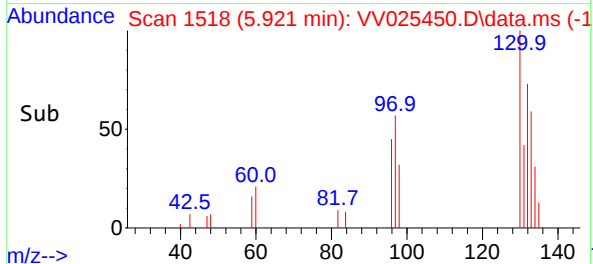
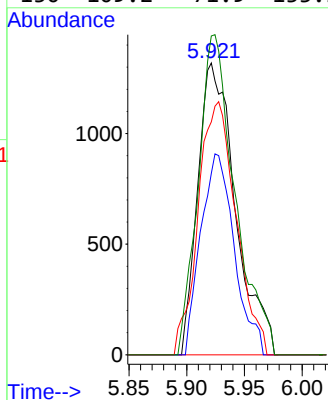


#34
Trichloroethene
Concen: 0.294 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV025450.D
Acq: 11 Apr 2022 15:12

Instrument :
MSVOA_V
ClientSampleId :

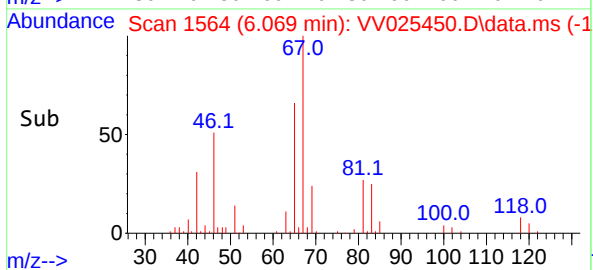
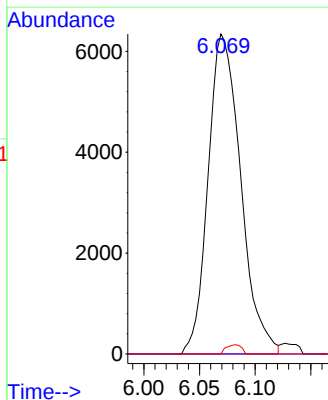
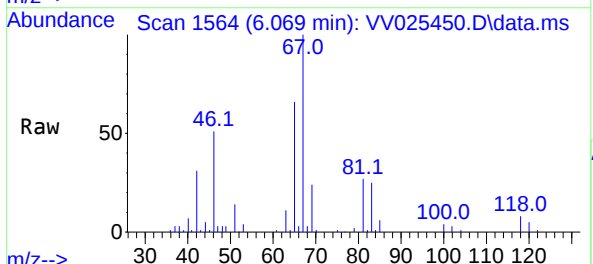


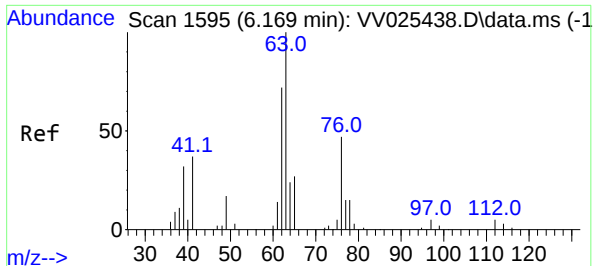
Tgt Ion: 95 Resp: 2993
Ion Ratio Lower Upper
95 100
97 62.2 45.8 85.2
132 79.8 68.0 126.4
130 109.2 71.9 133.5



#35
Methylcyclohexane
Concen: 0.796 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025450.D
Acq: 11 Apr 2022 15:12

Tgt Ion: 83 Resp: 12923
Ion Ratio Lower Upper
83 100
55 0.0 53.7 80.5#
98 1.3 39.6 59.4#

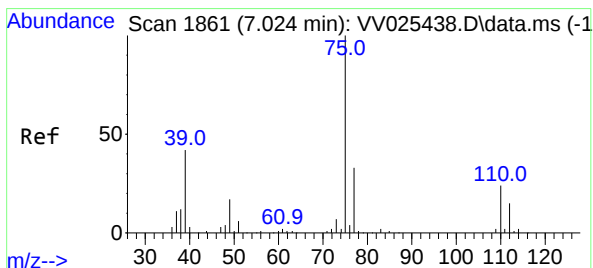
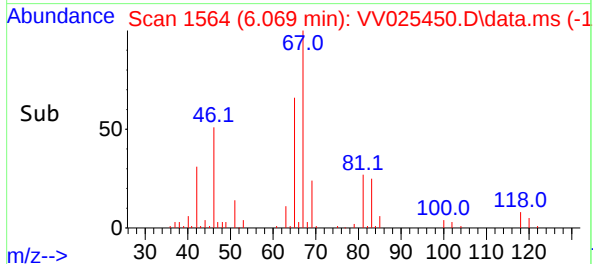
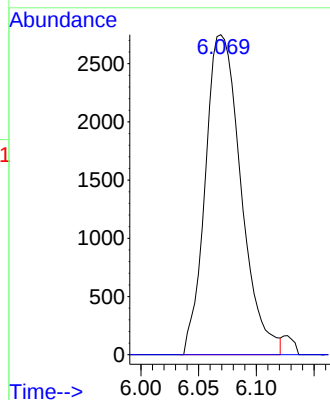
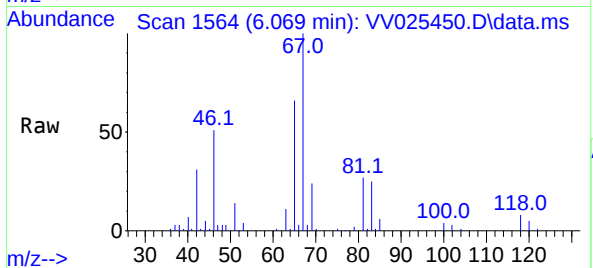




#37
1,2-Dichloropropane
Concen: 0.669 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV025450.D
Acq: 11 Apr 2022 15:12

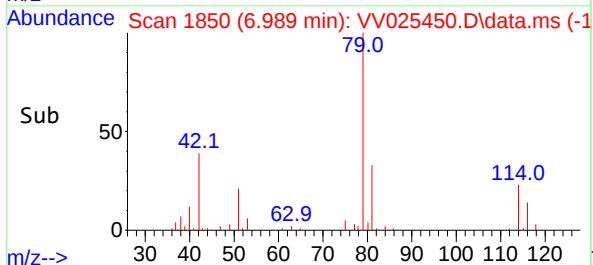
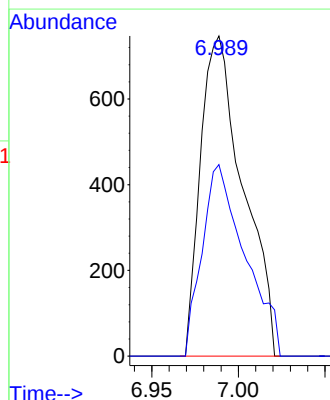
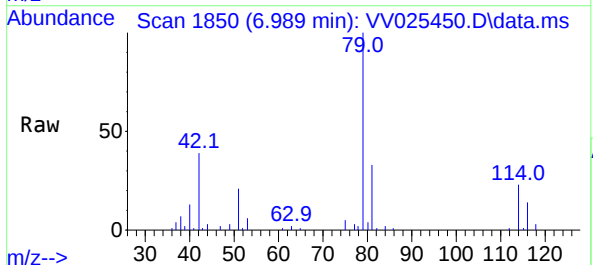
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ClientSampleId :

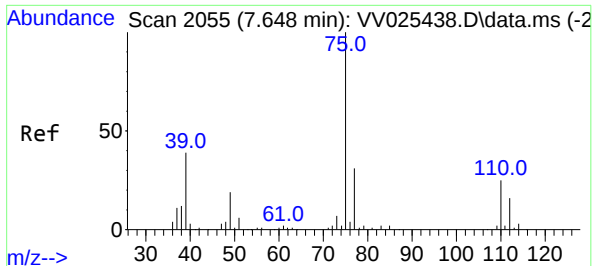
Tgt Ion: 63 Resp: 5925
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#39
cis-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.035 min
Lab File: VV025450.D
Acq: 11 Apr 2022 15:12

Tgt Ion: 75 Resp: 1275
Ion Ratio Lower Upper
75 100
77 59.8 21.8 40.6#

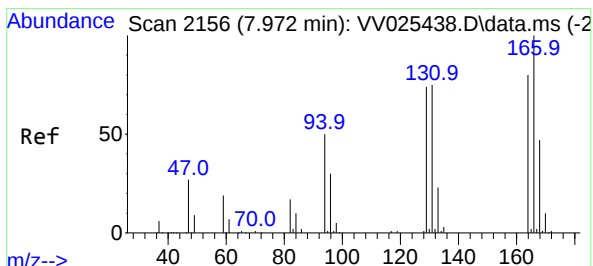
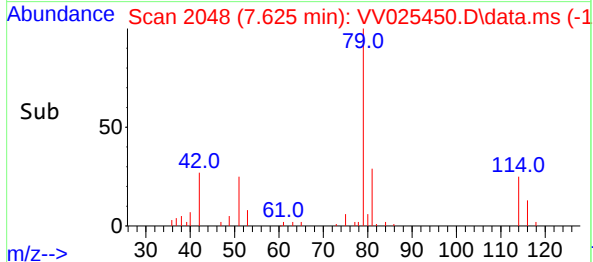
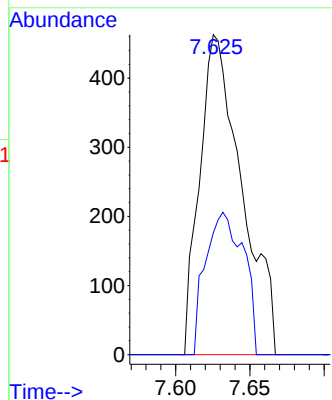
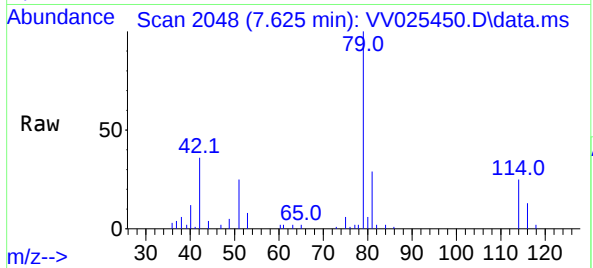




#44
trans-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.625 min Scan# 2055
Delta R.T. -0.022 min
Lab File: VV025450.D
Acq: 11 Apr 2022 15:12

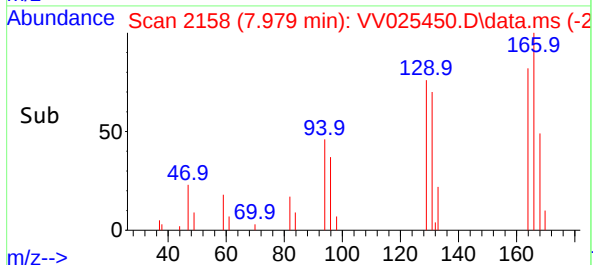
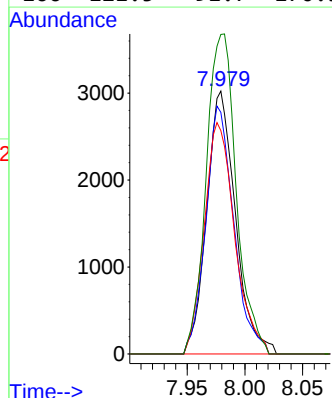
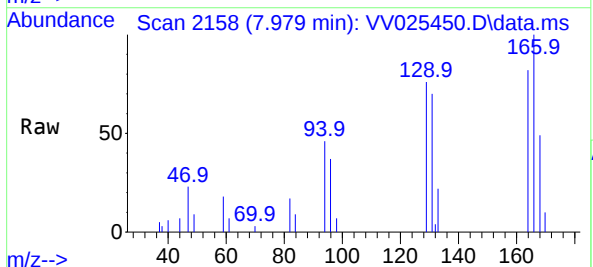
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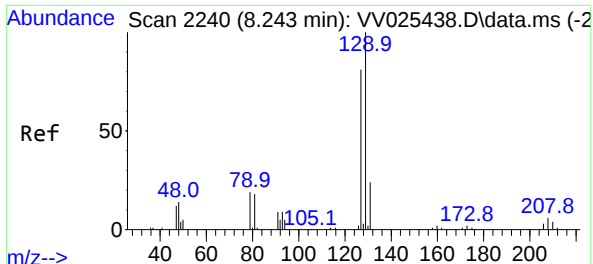
Tgt Ion: 75 Resp: 910
Ion Ratio Lower Upper
75 100
77 38.0 21.7 40.3



#47
Tetrachloroethene
Concen: 0.660 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VV025450.D
Acq: 11 Apr 2022 15:12

Tgt Ion: 164 Resp: 5256
Ion Ratio Lower Upper
164 100
129 91.9 66.8 124.2
131 85.0 66.4 123.4
166 121.5 91.7 170.3





#49

Dibromochloromethane

Concen: 0.734 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025450.D

Acq: 11 Apr 2022 15:12

Instrument :

MSVOA_V

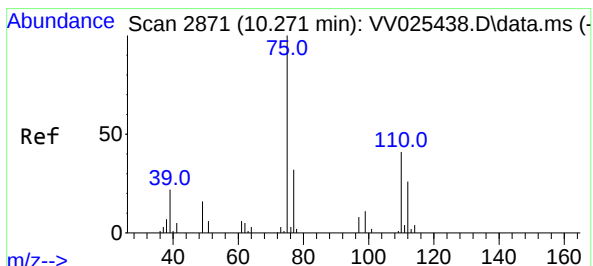
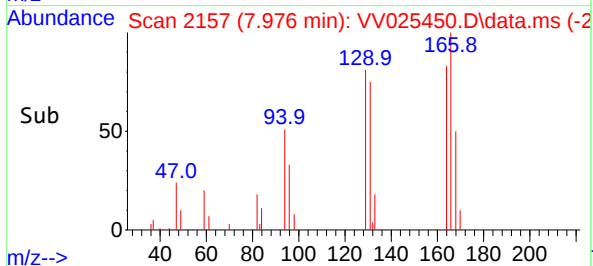
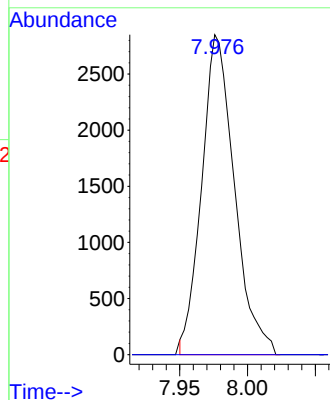
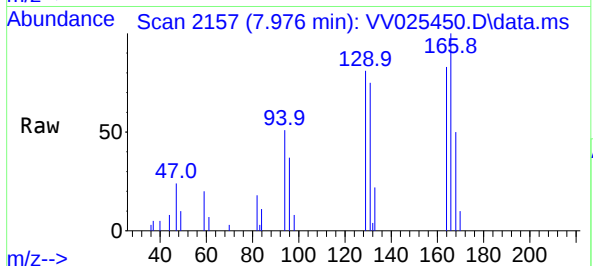
ClientSampleId :

Tgt Ion:129 Resp: 4783

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#61

1,2,3-Trichloropropane

Concen: 1.978 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV025450.D

Acq: 11 Apr 2022 15:12

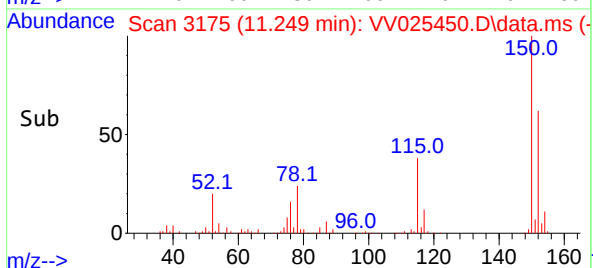
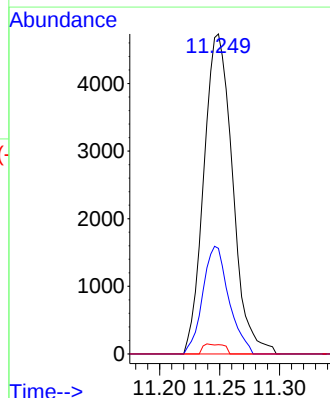
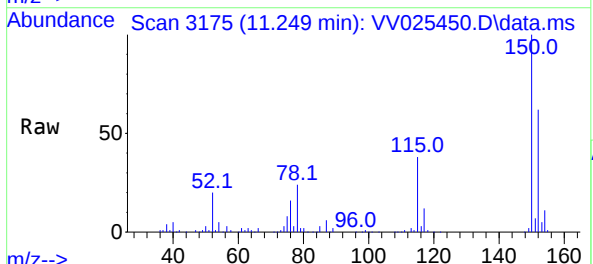
Tgt Ion: 75 Resp: 7903

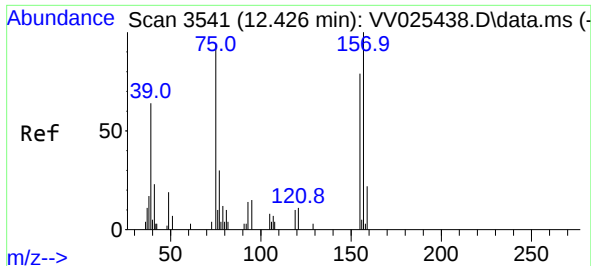
Ion Ratio Lower Upper

75 100

77 30.6 25.6 38.4

110 2.3 34.7 52.1#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.127 ug/L

RT: 12.249 min Scan# 34

Delta R.T. -0.177 min

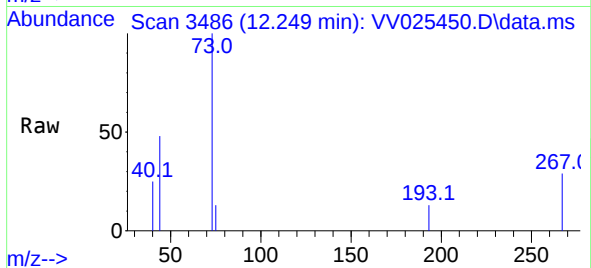
Lab File: VV025450.D

Acq: 11 Apr 2022 15:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 88

Ion Ratio Lower Upper

75 100

155 0.0 65.8 98.8#

157 0.0 86.6 130.0#

