

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021822\
 Data File : VW024752.D
 Acq On : 18 Feb 2022 14:42
 Operator : SY/MD
 Sample : N1545-07 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY04

Quant Time: Feb 18 15:10:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:32:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	167477	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	152792	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	72279	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61036	4.30	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.00%	
7) Chloroethane-d5	1.568	69	51560	4.42	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.40%	
11) 1,1-Dichloroethene-d2	2.108	63	84292	3.24	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.80%	
20) 2-Butanone-d5	3.908	46	97905	48.25	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.50%	
24) Chloroform-d	4.352	84	99527	4.49	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.80%	
26) 1,2-Dichloroethane-d4	5.034	65	47203	4.78	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.60%	
32) Benzene-d6	5.050	84	209963	4.76	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.20%	
36) 1,2-Dichloropropane-d6	6.069	67	63263	4.88	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.60%	
41) Toluene-d8	7.317	98	185446	4.63	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.60%	
43) trans-1,3-Dichloroprop...	7.625	79	19094	4.42	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.40%	
46) 2-Hexanone-d5	8.088	63	82195	48.34	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.68%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37748	4.83	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.60%	
66) 1,2-Dichlorobenzene-d4	11.622	152	62598	5.01	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.20%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.307	64	863	0.08	ug/L #	1
12) 1,1-Dichloroethene	2.114	96	1733	0.13	ug/L #	1
19) 1,1-Dichloroethane	3.198	63	1225	0.05	ug/L #	87
22) cis-1,2-Dichloroethene	3.921	96	2256	0.17	ug/L	97
25) Chloroform	4.384	83	4123	0.17	ug/L	100
27) 1,2-Dichloroethane	5.050	62	1234	0.09	ug/L #	73
35) Methylcyclohexane	6.072	83	14929	0.67	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	7428	0.61	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1245	0.07	ug/L #	48
47) Tetrachloroethene	7.976	164	1917	0.21	ug/L	79
49) Dibromochloromethane	7.976	129	1808	0.20	ug/L #	11
57) 1,1,2,2-Tetrachloroethane	10.236	83	770	0.09	ug/L #	38
61) 1,2,3-Trichloropropane	11.246	75	9478	1.45	ug/L #	68
68) 1,2-Dibromo-3-chloropr...	12.468	75	235	0.21	ug/L #	1
70) 1,2,4-trichlorobenzene	13.230	180	1247	0.09	ug/L #	1
72) 1,2,3-Trichlorobenzene	13.767	180	36395	3.09	ug/L #	25

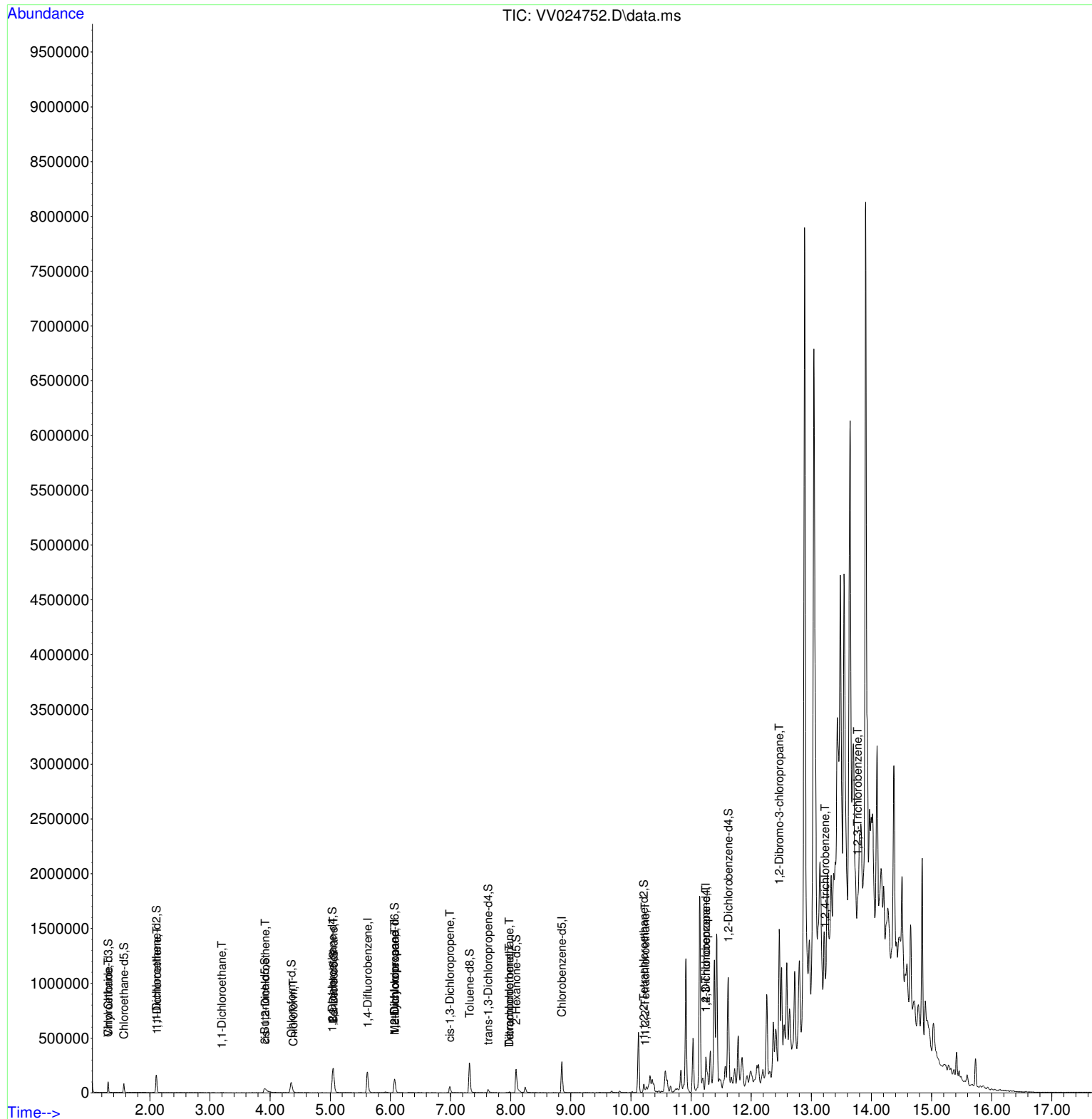
(#) = qualifier out of range (m) = manual integration (+) = signals summed

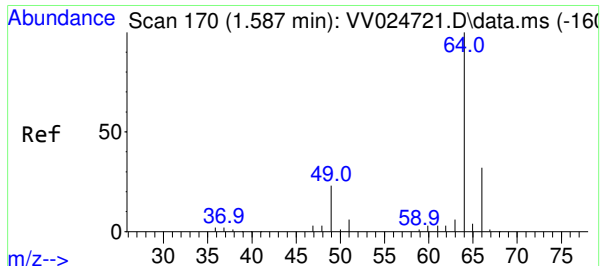
Instrument :
MSVOA_V
ClientSampleId :
BFY04

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
Data File : VV024752.D
Acq On : 18 Feb 2022 14:42
Operator : SY/MD
Sample : N1545-07 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY04

Quant Time: Feb 18 15:10:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 18 07:32:51 2022
Response via : Initial Calibration

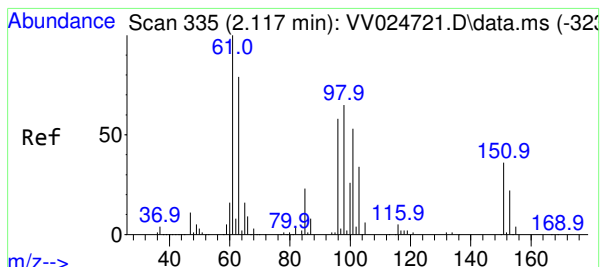
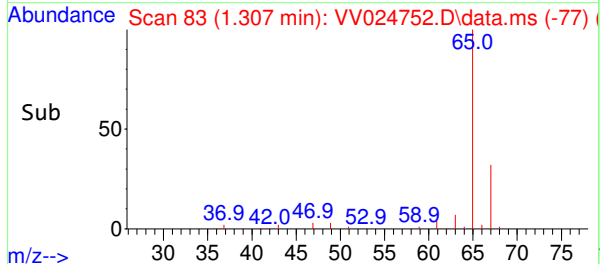
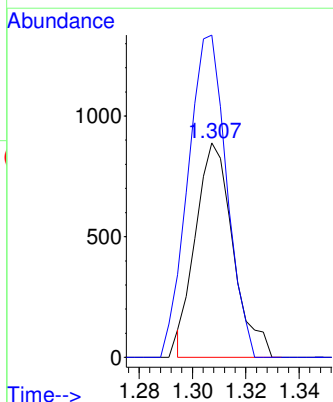
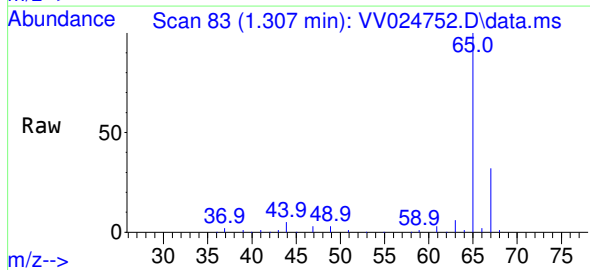




#8
Chloroethane
Concen: 0.08 ug/L
RT: 1.307 min Scan# 8
Delta R.T. -0.280 min
Lab File: VV024752.D
Acq: 18 Feb 2022 14:42

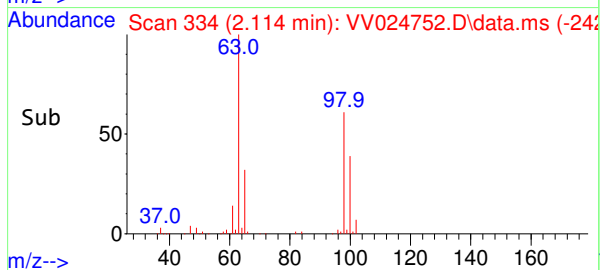
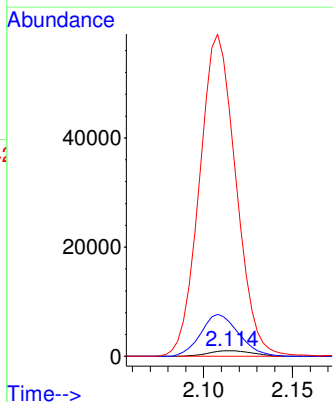
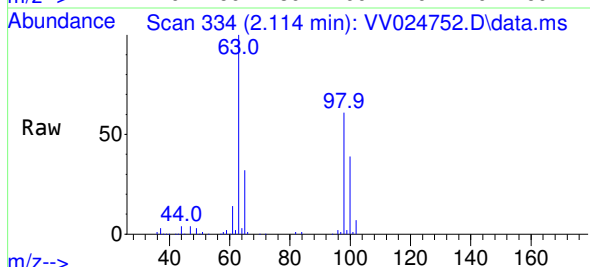
Instrument :
MSVOA_V
ClientSampleId :
BFY04

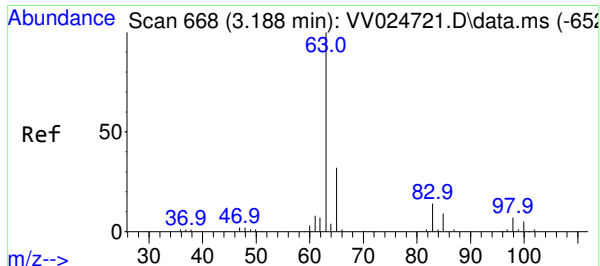
Tgt Ion: 64 Resp: 863
Ion Ratio Lower Upper
64 100
66 150.5 22.5 41.9#



#12
1,1-Dichloroethene
Concen: 0.13 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV024752.D
Acq: 18 Feb 2022 14:42

Tgt Ion: 96 Resp: 1733
Ion Ratio Lower Upper
96 100
61 621.2 116.3 216.1#
63 4449.1 86.0 159.6#

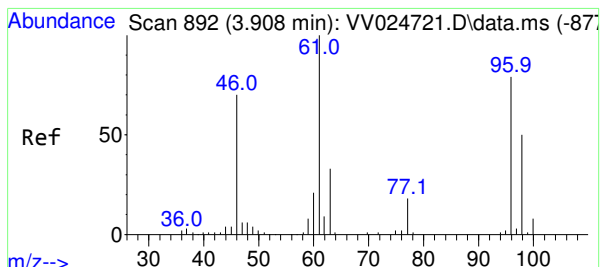
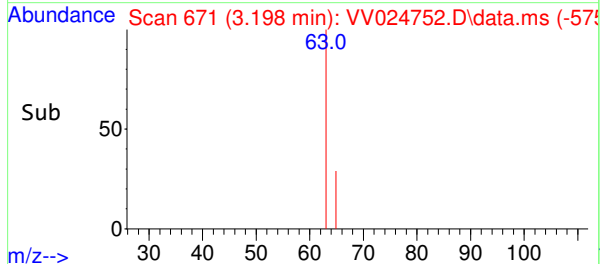
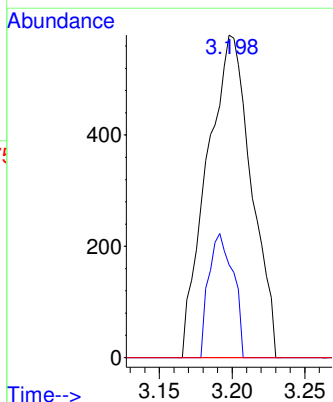
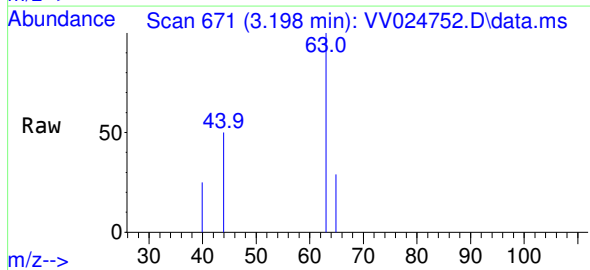




#19
1,1-Dichloroethane
Concen: 0.05 ug/L
RT: 3.198 min Scan# 668
Delta R.T. 0.010 min
Lab File: VV024752.D
Acq: 18 Feb 2022 14:42

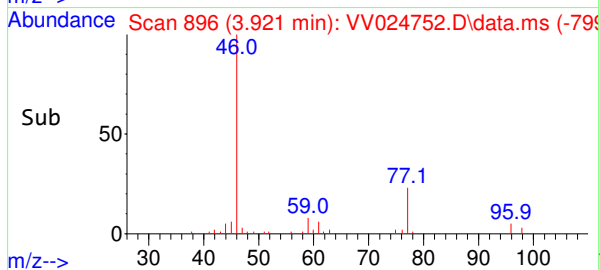
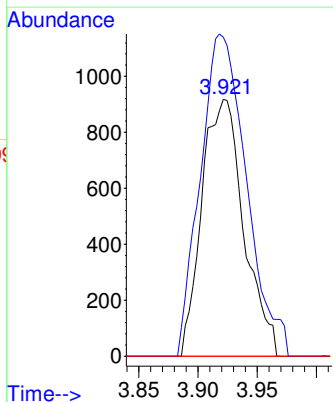
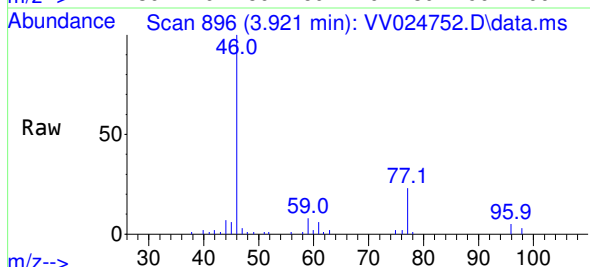
Instrument :
MSVOA_V
ClientSampleId :
BFY04

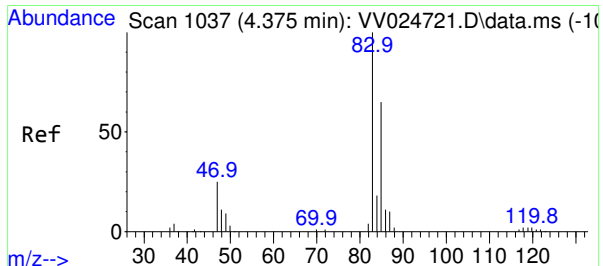
Tgt Ion: 63 Resp: 1225
Ion Ratio Lower Upper
63 100
65 28.8 22.0 40.8
83 0.0 9.5 17.7#



#22
cis-1,2-Dichloroethene
Concen: 0.17 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.013 min
Lab File: VV024752.D
Acq: 18 Feb 2022 14:42

Tgt Ion: 96 Resp: 2256
Ion Ratio Lower Upper
96 100
61 124.2 89.7 166.5
68 0.0 0.0 0.0

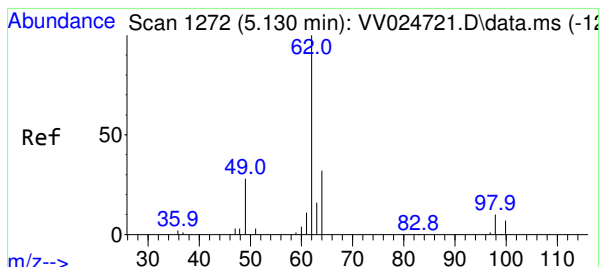
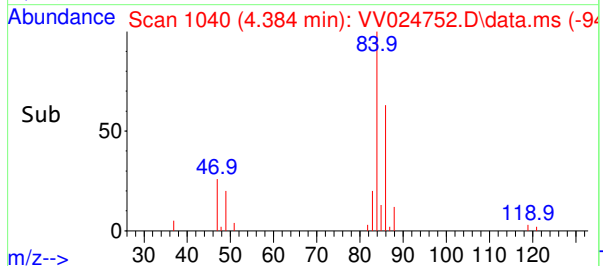
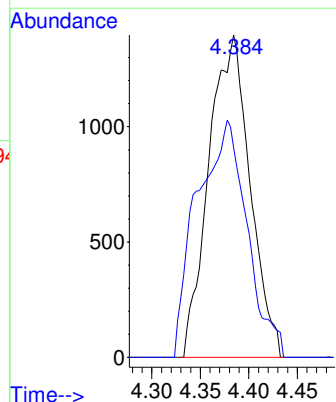
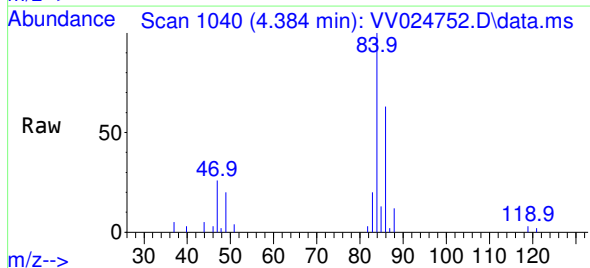




#25
Chloroform
Concen: 0.17 ug/L
RT: 4.384 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV024752.D
Acq: 18 Feb 2022 14:42

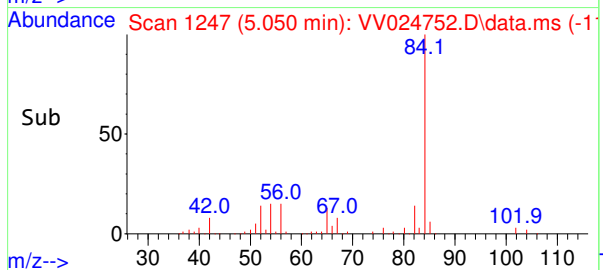
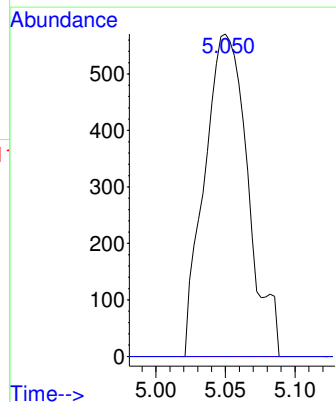
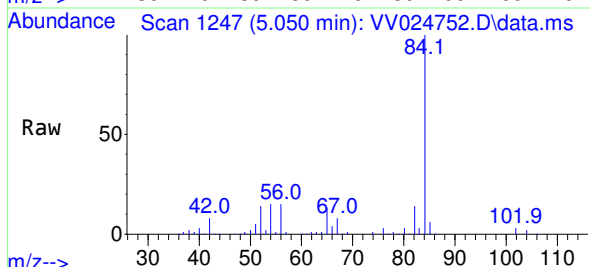
Instrument :
MSVOA_V
ClientSampleId :
BFY04

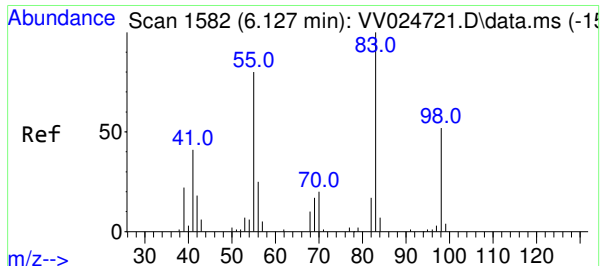
Tgt Ion: 83 Resp: 4123
Ion Ratio Lower Upper
83 100
85 64.9 45.5 84.5



#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.080 min
Lab File: VV024752.D
Acq: 18 Feb 2022 14:42

Tgt Ion: 62 Resp: 1234
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#

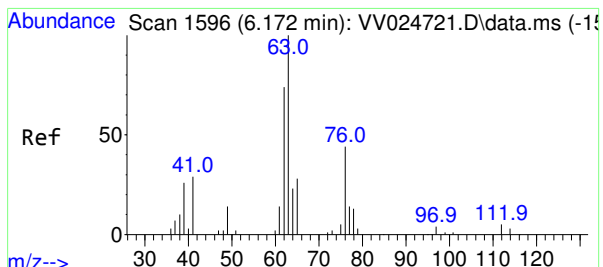
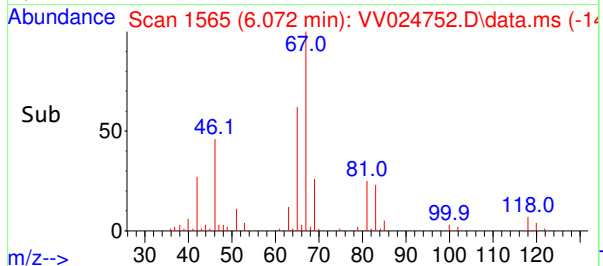
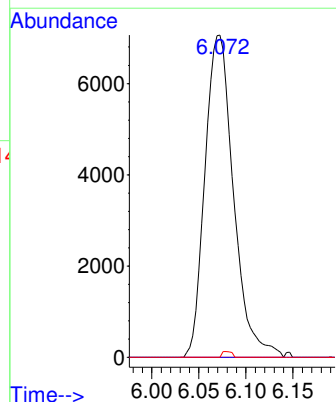
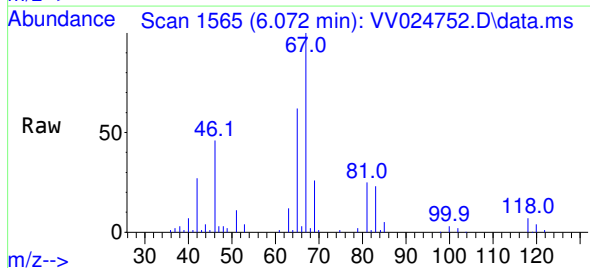




#35
Methylcyclohexane
Concen: 0.67 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV024752.D
Acq: 18 Feb 2022 14:42

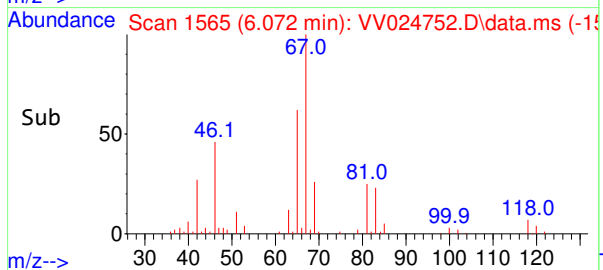
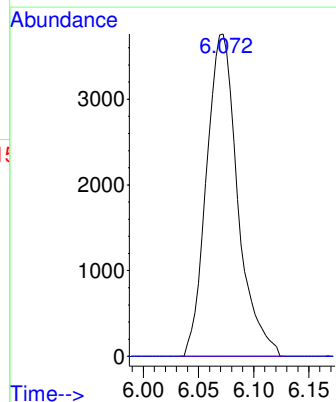
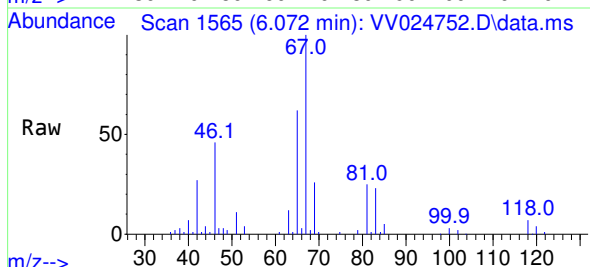
Instrument :
MSVOA_V
ClientSampleId :
BFY04

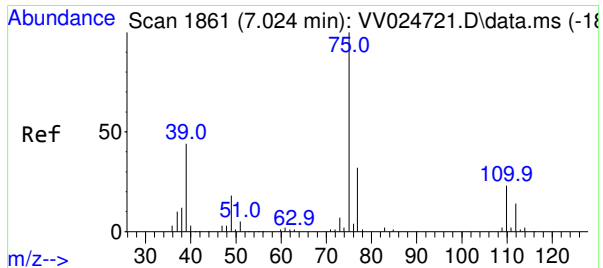
Tgt Ion:	83	Resp:	14929
Ion	Ratio	Lower	Upper
83	100		
55	0.3	58.8	88.2#
98	0.6	38.6	58.0#



#37
1,2-Dichloropropane
Concen: 0.61 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV024752.D
Acq: 18 Feb 2022 14:42

Tgt Ion:	63	Resp:	7428
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

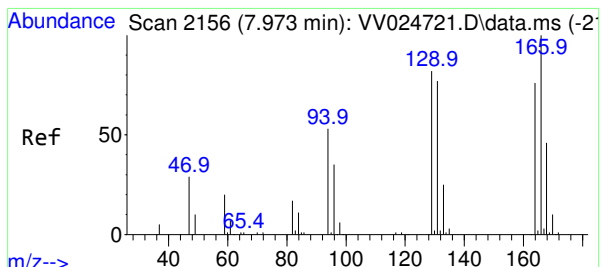
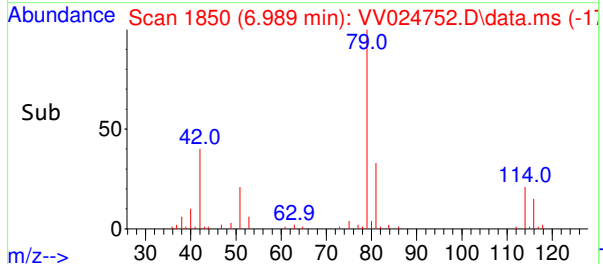
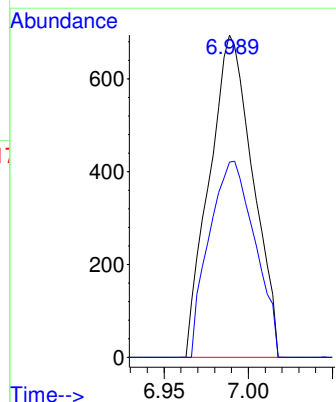
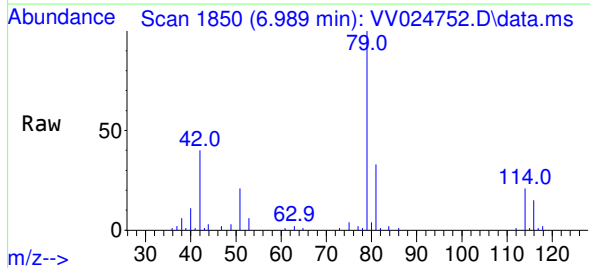




#39
 cis-1,3-Dichloropropene
 Concen: 0.07 ug/L
 RT: 6.989 min Scan# 1
 Delta R.T. -0.035 min
 Lab File: VV024752.D
 Acq: 18 Feb 2022 14:42

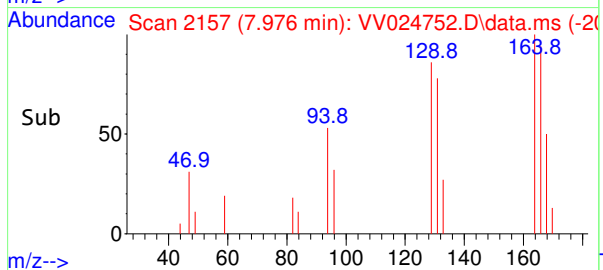
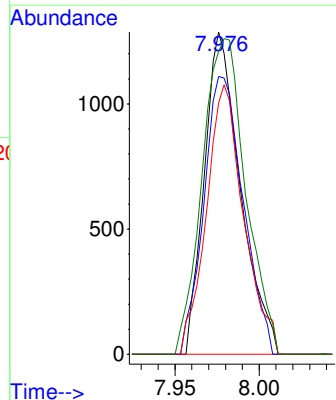
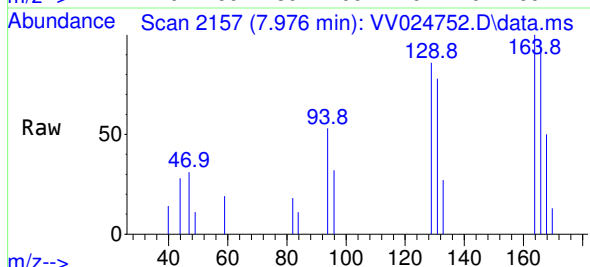
Instrument :
 MSVOA_V
 ClientSampleId :
 BFY04

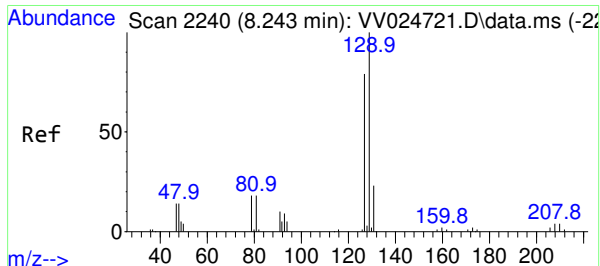
Tgt Ion: 75 Resp: 1245
 Ion Ratio Lower Upper
 75 100
 77 60.6 22.3 41.5#



#47
 Tetrachloroethene
 Concen: 0.21 ug/L
 RT: 7.976 min Scan# 2157
 Delta R.T. 0.003 min
 Lab File: VV024752.D
 Acq: 18 Feb 2022 14:42

Tgt Ion: 164 Resp: 1917
 Ion Ratio Lower Upper
 164 100
 129 86.2 70.3 130.7
 131 78.0 67.7 125.7
 166 93.9 88.3 164.1

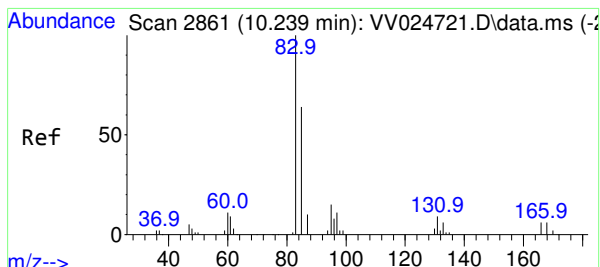
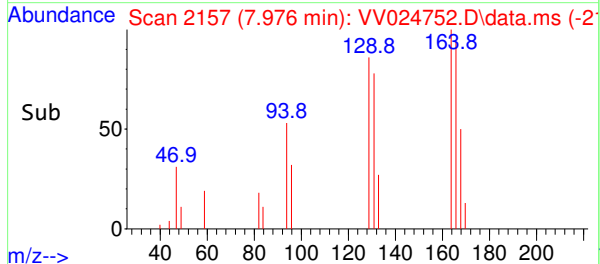
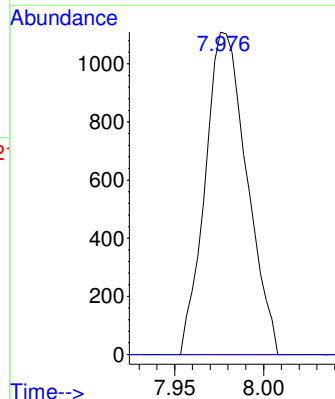
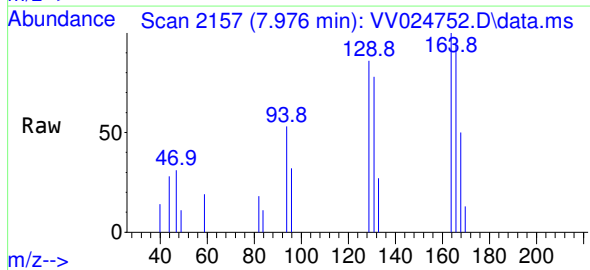




#49
Dibromochloromethane
Concen: 0.20 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV024752.D
Acq: 18 Feb 2022 14:42

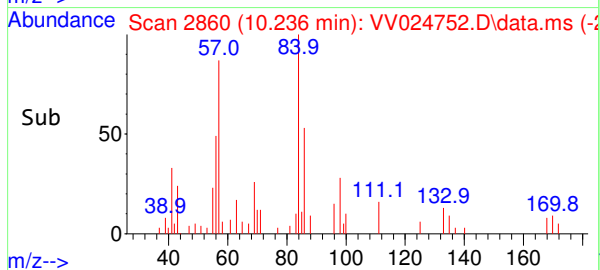
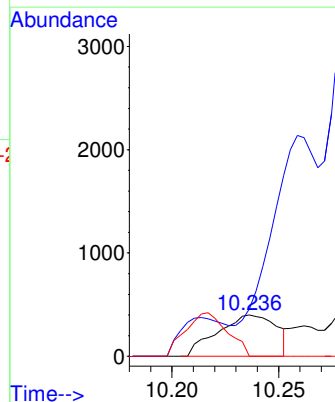
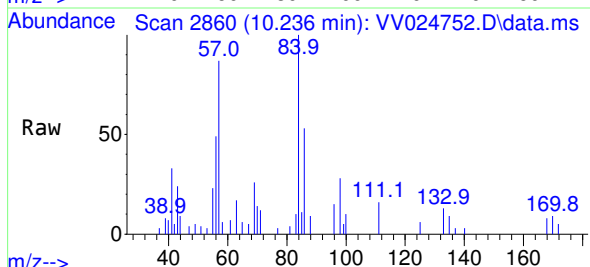
Instrument :
MSVOA_V
ClientSampleId :
BFY04

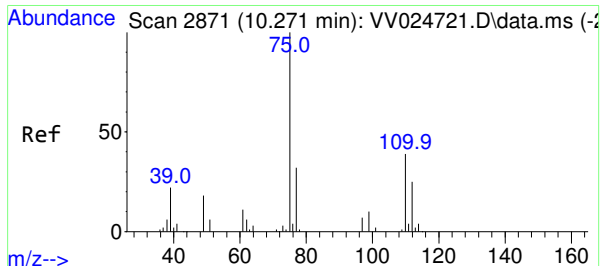
Tgt Ion: 129 Resp: 1808
Ion Ratio Lower Upper
129 100
127 0.0 53.6 99.6#



#57
1,1,2,2-Tetrachloroethane
Concen: 0.09 ug/L
RT: 10.236 min Scan# 2860
Delta R.T. -0.003 min
Lab File: VV024752.D
Acq: 18 Feb 2022 14:42

Tgt Ion: 83 Resp: 770
Ion Ratio Lower Upper
83 100
85 114.5 43.9 81.5#
131 0.0 7.0 10.4#

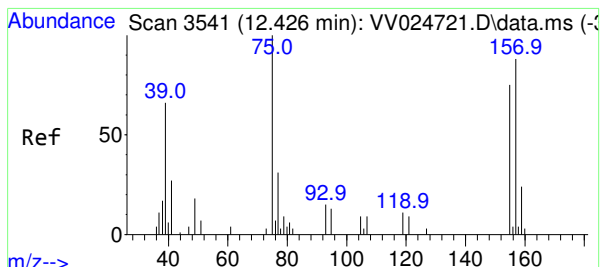
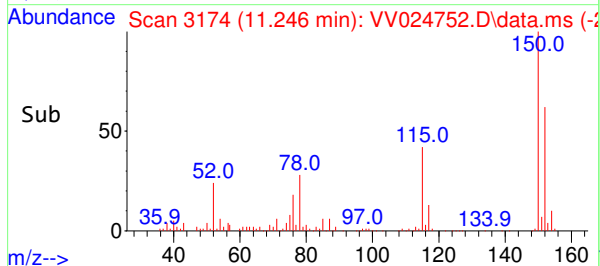
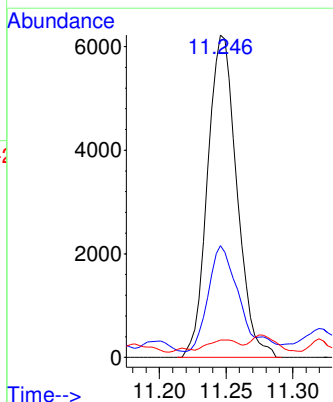
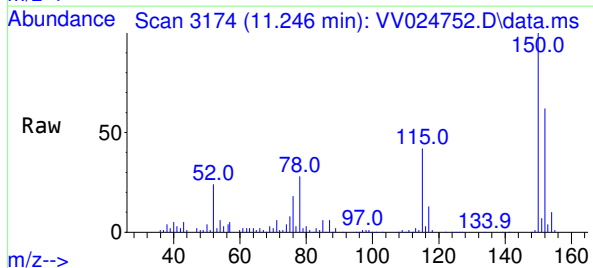




#61
1,2,3-Trichloropropane
Concen: 1.45 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV024752.D
Acq: 18 Feb 2022 14:42

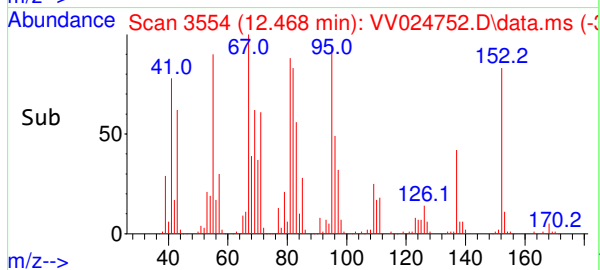
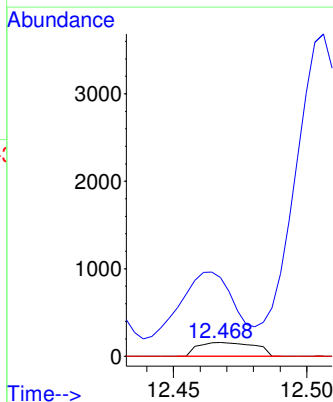
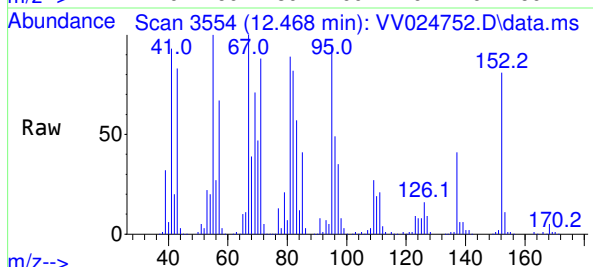
Instrument :
MSVOA_V
ClientSampleId :
BFY04

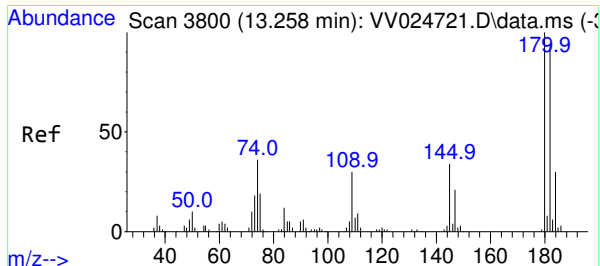
Tgt Ion:	75	Resp:	9478
Ion	Ratio	Lower	Upper
75	100		
77	34.9	26.3	39.5
110	4.1	30.3	45.5#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.21 ug/L
RT: 12.468 min Scan# 3554
Delta R.T. 0.042 min
Lab File: VV024752.D
Acq: 18 Feb 2022 14:42

Tgt Ion:	75	Resp:	235
Ion	Ratio	Lower	Upper
75	100		
155	570.3	61.7	92.5#
157	0.0	73.5	110.3#

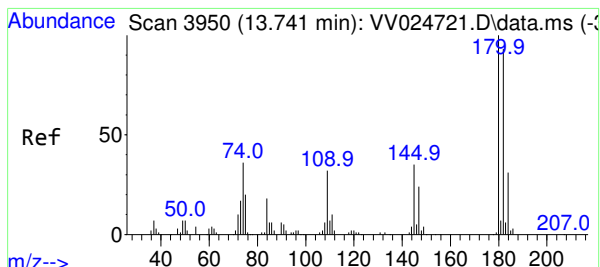
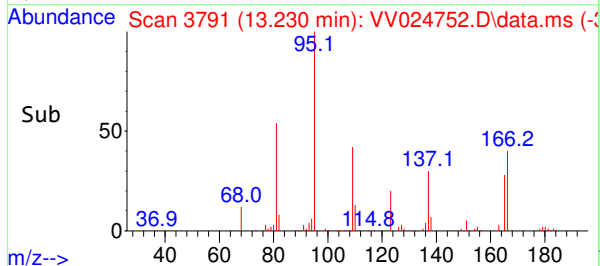
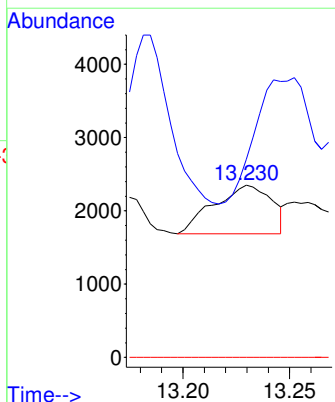
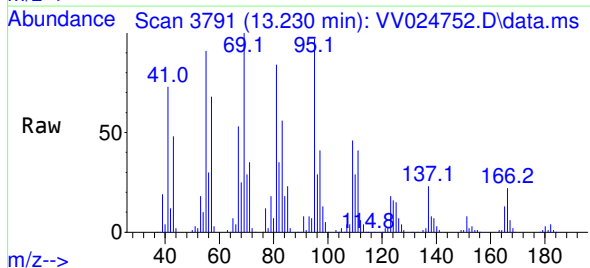




#70
1,2,4-trichlorobenzene
Concen: 0.09 ug/L
RT: 13.230 min Scan# 3
Delta R.T. -0.029 min
Lab File: VV024752.D
Acq: 18 Feb 2022 14:42

Instrument :
MSVOA_V
ClientSampleId :
BFY04

Tgt Ion:180 Resp: 1247
Ion Ratio Lower Upper
180 100
182 247.2 75.0 112.6#
145 7.1 26.9 40.3#



#72
1,2,3-Trichlorobenzene
Concen: 3.09 ug/L
RT: 13.767 min Scan# 3958
Delta R.T. 0.026 min
Lab File: VV024752.D
Acq: 18 Feb 2022 14:42

Tgt Ion:180 Resp: 36395
Ion Ratio Lower Upper
180 100
182 16.5 75.6 113.4#
145 1.0 28.5 42.7#

