

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102321\
 Data File : VW023024.D
 Acq On : 23 Oct 2021 20:59
 Operator : SY/MD
 Sample : M4277-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG5

Quant Time: Oct 25 01:10:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

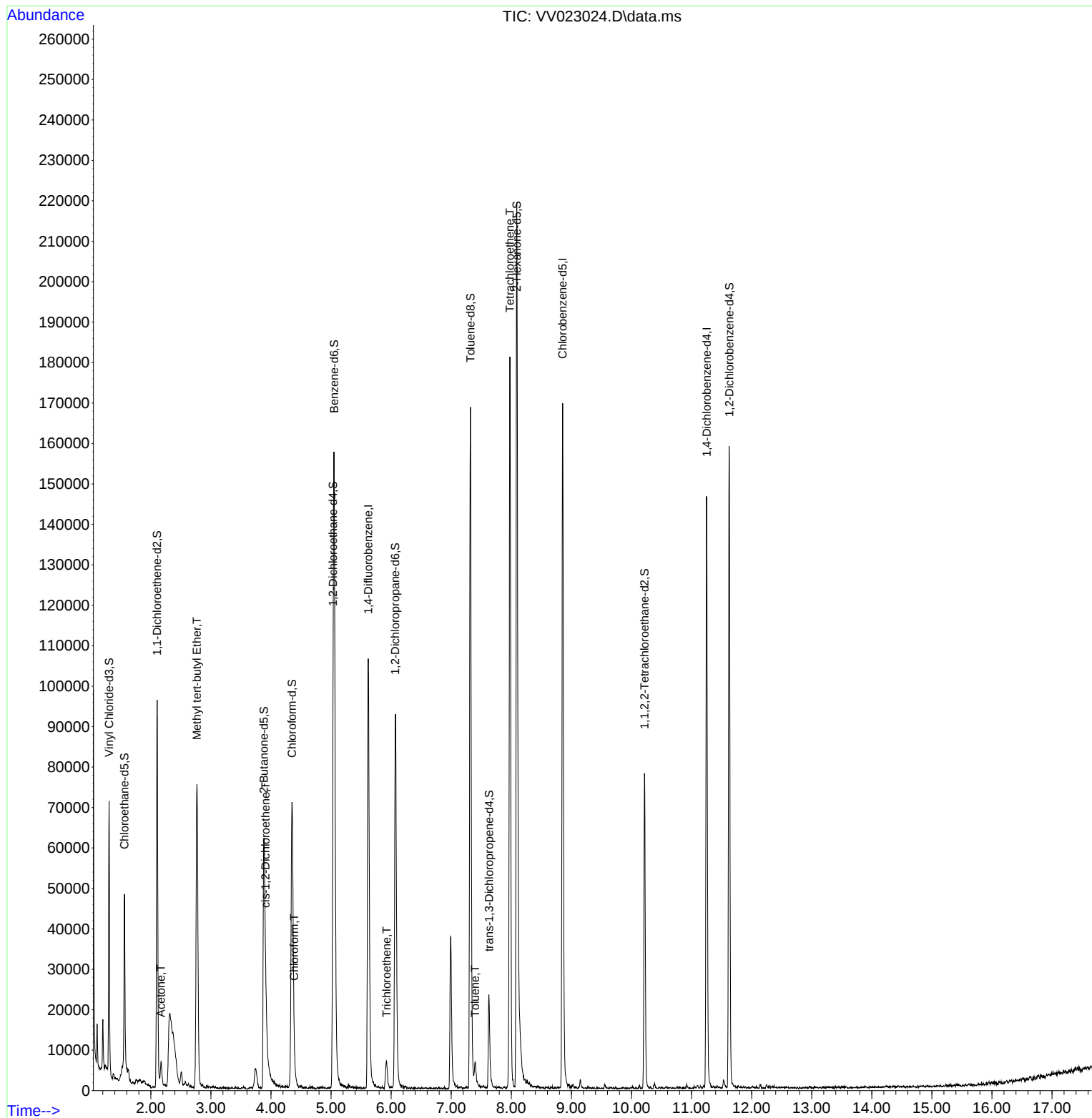
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	93337	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	95956	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	39962	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40823	5.005	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.200%
7) Chloroethane-d5	1.561	69	23491	4.656	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.105	63	48678	4.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	3.883	46	105039	80.284	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	160.560%#
24) Chloroform-d	4.349	84	72208	5.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.000%
26) 1,2-Dichloroethane-d4	5.034	65	36717	5.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.400%
32) Benzene-d6	5.050	84	142920	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.069	67	45579	5.285	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.320	98	113021	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.629	79	13832	4.578	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.092	63	70441	62.967	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.940%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37523	6.301	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	126.000%#
66) 1,2-Dichlorobenzene-d4	11.628	152	41848	5.869	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.400%
Target Compounds						
						Qvalue
13) Acetone	2.169	43	6878	10.715	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	70800	6.206	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	2237	0.387	ug/L #	89
25) Chloroform	4.384	83	4897	0.395	ug/L	96
34) Trichloroethene	5.924	95	2044	0.315	ug/L	91
42) Toluene	7.397	91	4490	0.172	ug/L	94
47) Tetrachloroethene	7.976	164	40441	7.379	ug/L	96

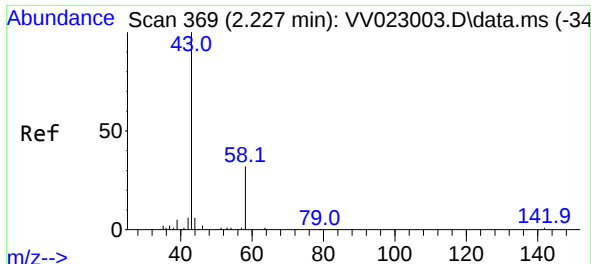
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102321\
Data File : VV023024.D
Acq On : 23 Oct 2021 20:59
Operator : SY/MD
Sample : M4277-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFG5

Quant Time: Oct 25 01:10:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 25 01:03:32 2021
Response via : Initial Calibration

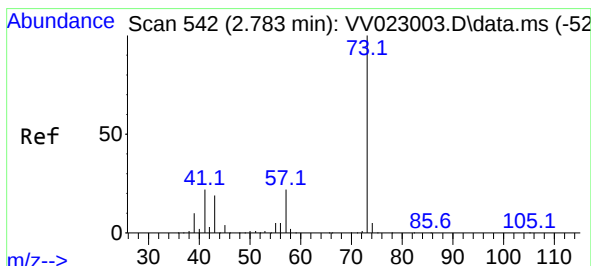
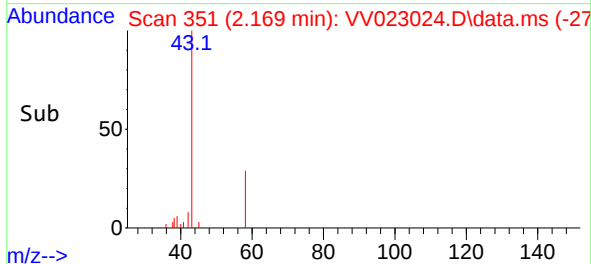
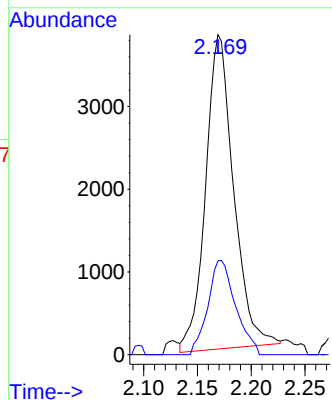
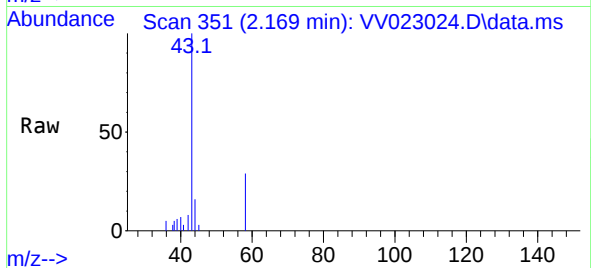




#13
Acetone
Concen: 10.715 ug/L
RT: 2.169 min Scan# 31
Delta R.T. -0.058 min
Lab File: VV023024.D
Acq: 23 Oct 2021 20:59

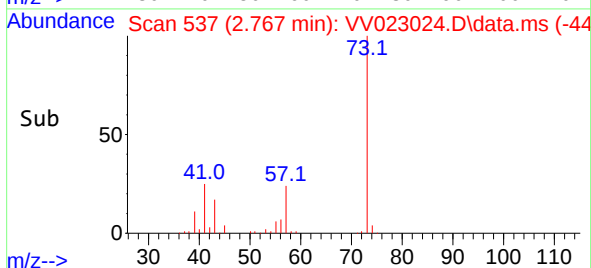
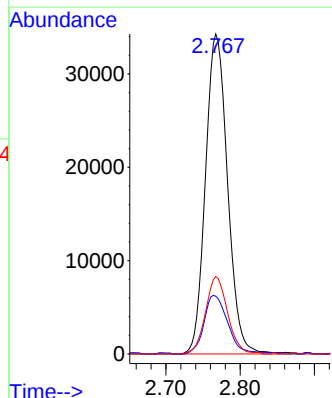
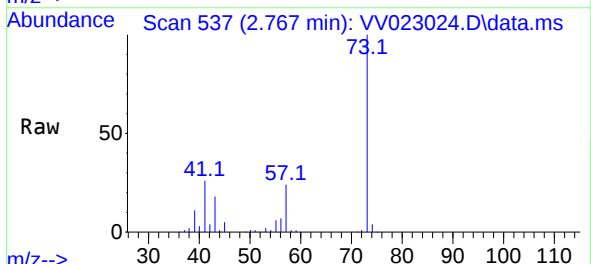
Instrument :
MSVOA_V
ClientSampleId :
BFG5

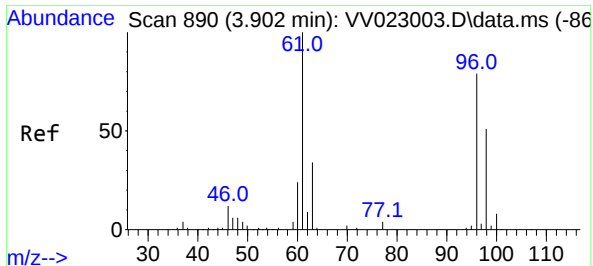
Tgt Ion: 43 Resp: 6878
Ion Ratio Lower Upper
43 100
58 29.8 0.0 55.4



#17
Methyl tert-butyl Ether
Concen: 6.206 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.016 min
Lab File: VV023024.D
Acq: 23 Oct 2021 20:59

Tgt Ion: 73 Resp: 70800
Ion Ratio Lower Upper
73 100
43 19.8 17.4 26.0
57 24.2 16.5 24.7

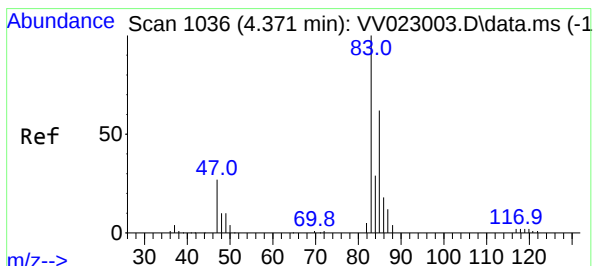
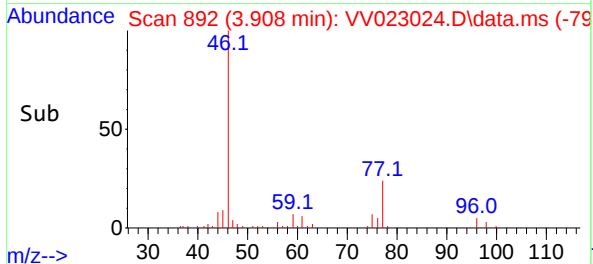
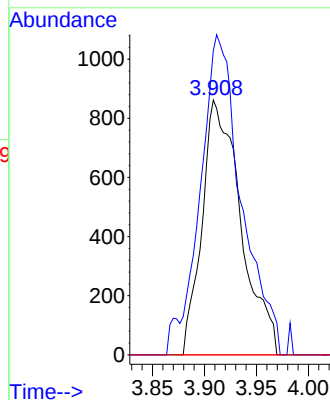
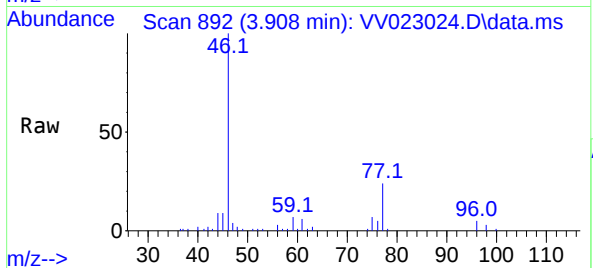




#22
 cis-1,2-Dichloroethene
 Concen: 0.387 ug/L
 RT: 3.908 min Scan# 890
 Delta R.T. 0.007 min
 Lab File: VV023024.D
 Acq: 23 Oct 2021 20:59

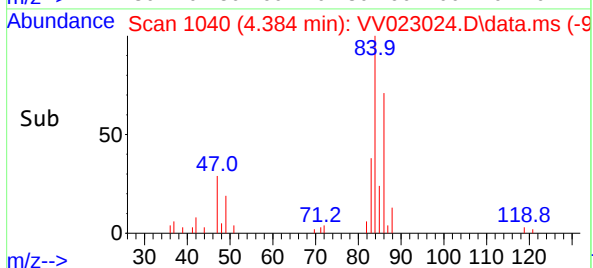
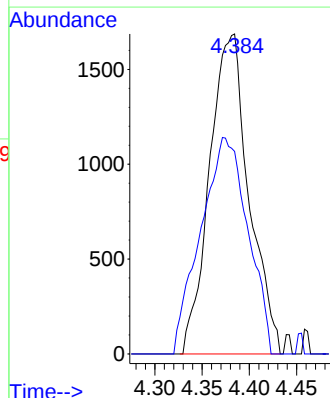
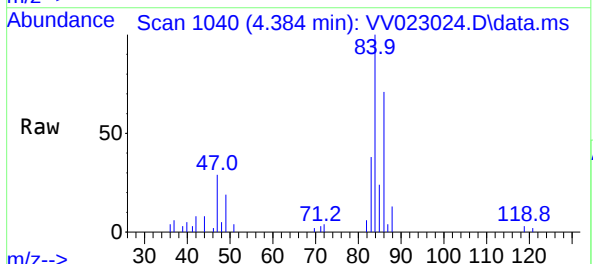
Instrument :
 MSVOA_V
 ClientSampleId :
 BFG5

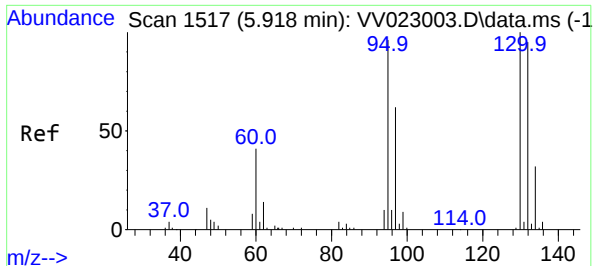
Tgt Ion: 96 Resp: 2237
 Ion Ratio Lower Upper
 96 100
 61 119.4 92.3 171.3
 68 0.0 0.4 0.8#



#25
 Chloroform
 Concen: 0.395 ug/L
 RT: 4.384 min Scan# 1040
 Delta R.T. 0.013 min
 Lab File: VV023024.D
 Acq: 23 Oct 2021 20:59

Tgt Ion: 83 Resp: 4897
 Ion Ratio Lower Upper
 83 100
 85 63.3 46.8 86.8



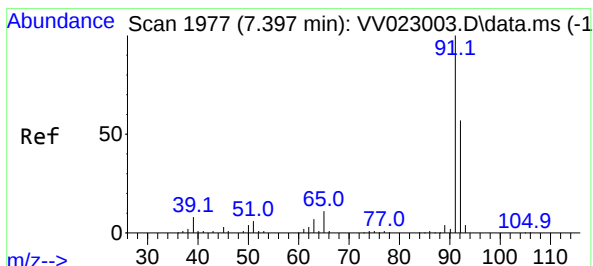
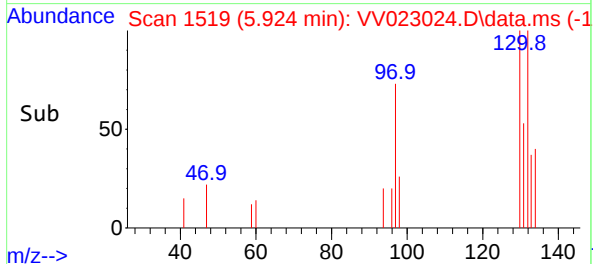
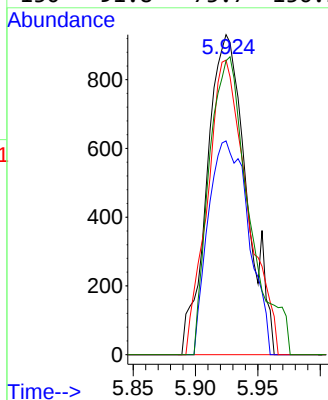
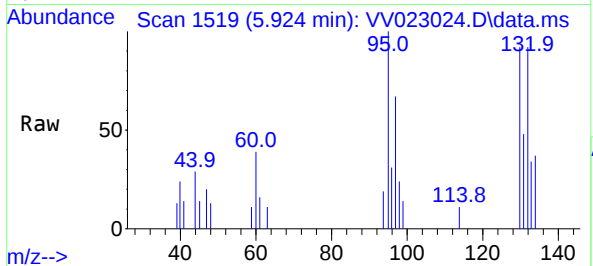


#34
 Trichloroethene
 Concen: 0.315 ug/L
 RT: 5.924 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VV023024.D
 Acq: 23 Oct 2021 20:59

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGE5

Tgt Ion: 95 Resp: 2044

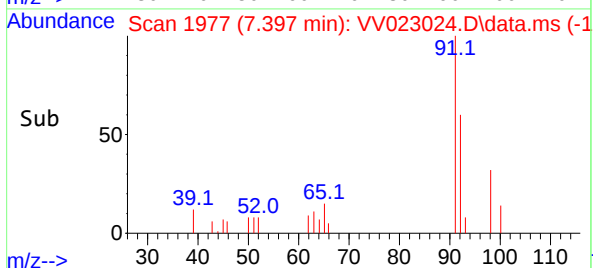
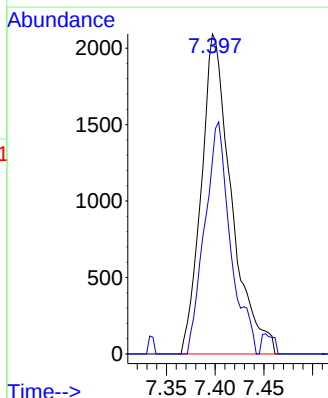
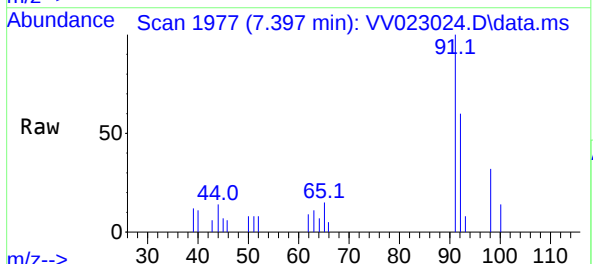
Ion	Ratio	Lower	Upper
95	100		
97	66.8	45.0	83.6
132	92.1	69.7	129.4
130	91.8	73.7	136.9

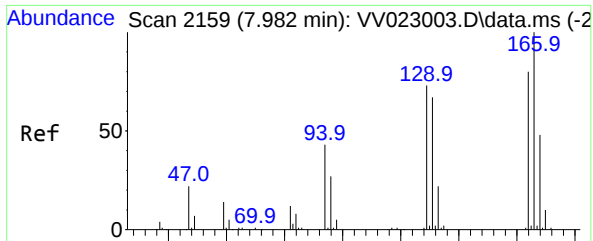


#42
 Toluene
 Concen: 0.172 ug/L
 RT: 7.397 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: VV023024.D
 Acq: 23 Oct 2021 20:59

Tgt Ion: 91 Resp: 4490

Ion	Ratio	Lower	Upper
91	100		
92	60.5	39.3	72.9





#47
 Tetrachloroethene
 Concen: 7.379 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VV023024.D
 Acq: 23 Oct 2021 20:59

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGE5

Tgt Ion:164 Resp: 40441

Ion	Ratio	Lower	Upper
164	100		
129	95.1	64.0	119.0
131	94.1	63.4	117.8
166	131.3	89.3	165.9

