

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023043.D
 Acq On : 26 Oct 2021 17:15
 Operator : SY/MD
 Sample : M4277-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGE0

Quant Time: Oct 27 01:34:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 27 01:29:33 2021
 Response via : Initial Calibration

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

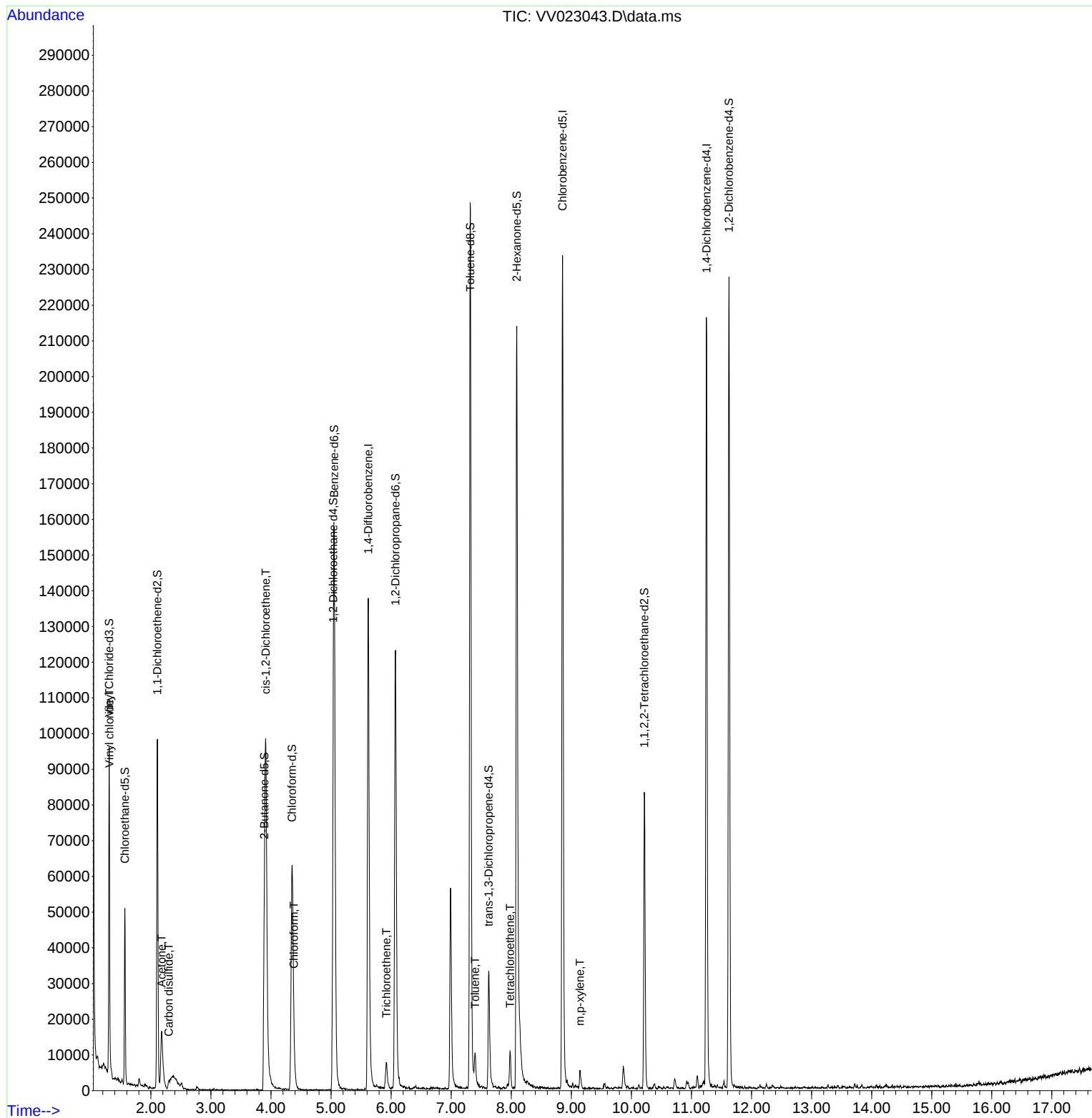
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124560	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	133281	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59239	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52970	4.867	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.568	69	28078	4.170	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.108	63	47767	3.042	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.800%
20) 2-Butanone-d5	3.889	46	70207	40.210	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.420%
24) Chloroform-d	4.349	84	66468	3.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
26) 1,2-Dichloroethane-d4	5.037	65	36458	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.053	84	147159	3.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
36) 1,2-Dichloropropane-d6	6.072	67	63437	5.296	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.317	98	166552	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.625	79	20103	4.790	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.091	63	71613	46.087	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40402	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	60763	5.749	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.000%
Target Compounds						
5) Vinyl chloride	1.310	62	3474	0.394	ug/L #	62
13) Acetone	2.178	43	26092	30.459	ug/L	91
14) Carbon disulfide	2.297	76	2097	0.121	ug/L #	86
22) cis-1,2-Dichloroethene	3.912	96	45465	5.890	ug/L #	85
25) Chloroform	4.381	83	7927	0.480	ug/L	95
34) Trichloroethene	5.921	95	1994	0.221	ug/L	93
42) Toluene	7.397	91	6697	0.184	ug/L	97
47) Tetrachloroethene	7.982	164	2440	0.321	ug/L	93
53) m,p-xylene	9.143	106	1360	0.094	ug/L	81

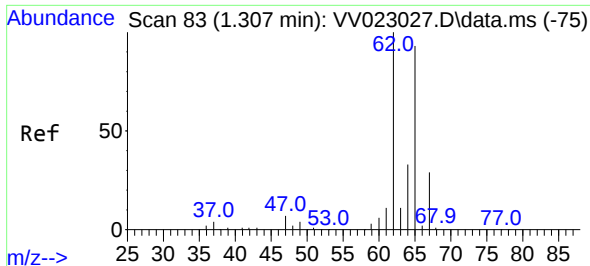
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102621\
Data File : VV023043.D
Acq On : 26 Oct 2021 17:15
Operator : SY/MD
Sample : M4277-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFGEO

Quant Time: Oct 27 01:34:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 27 01:29:33 2021
Response via : Initial Calibration

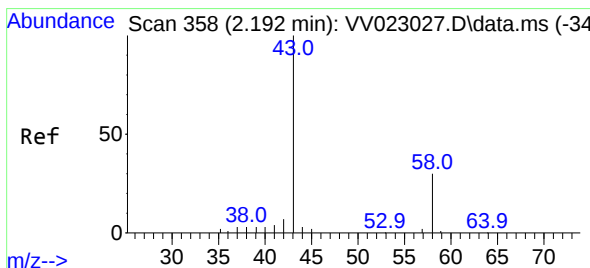
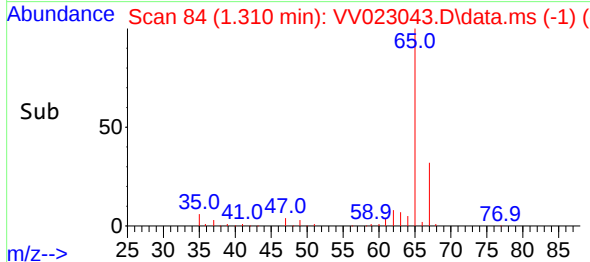
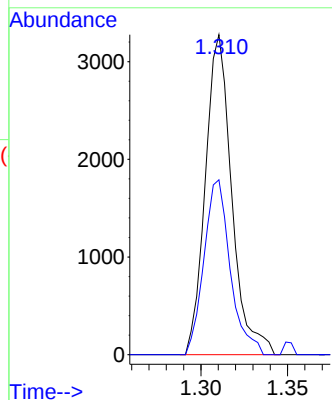
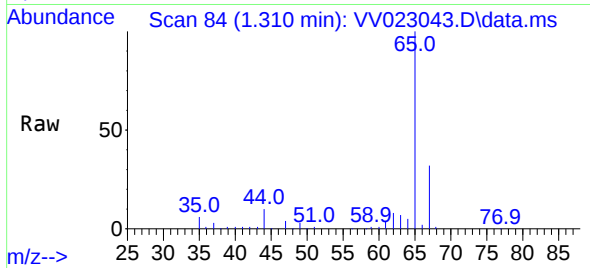




#5
 Vinyl chloride
 Concen: 0.394 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023043.D
 Acq: 26 Oct 2021 17:15

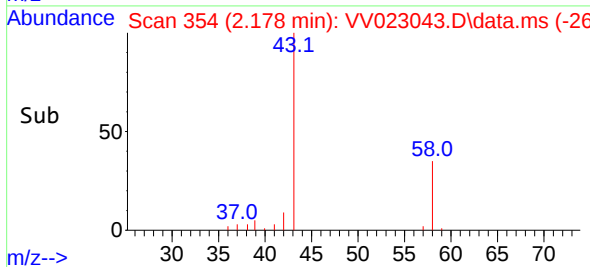
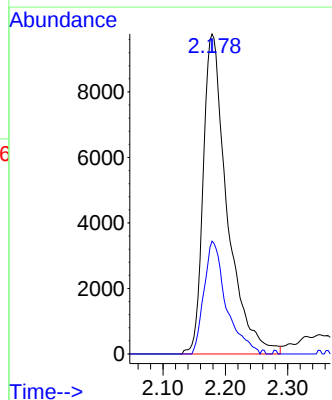
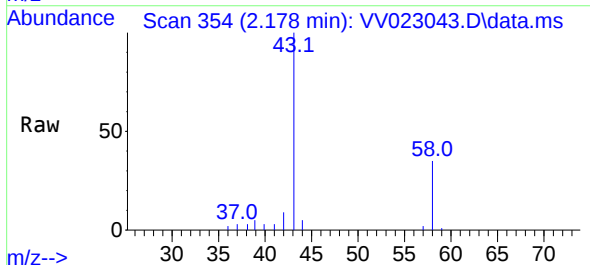
Instrument :
 MSVOA_V
 ClientSampleId :
 BFGE0

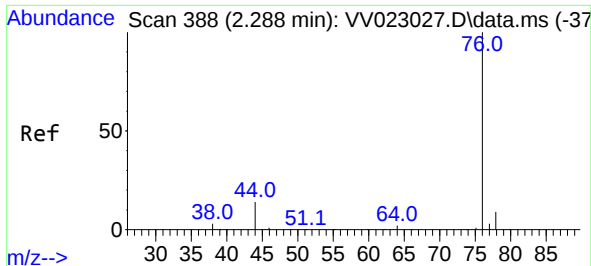
Tgt Ion: 62 Resp: 3474
 Ion Ratio Lower Upper
 62 100
 64 54.7 23.1 42.9#



#13
 Acetone
 Concen: 30.459 ug/L
 RT: 2.178 min Scan# 354
 Delta R.T. -0.013 min
 Lab File: VV023043.D
 Acq: 26 Oct 2021 17:15

Tgt Ion: 43 Resp: 26092
 Ion Ratio Lower Upper
 43 100
 58 32.6 0.0 55.4

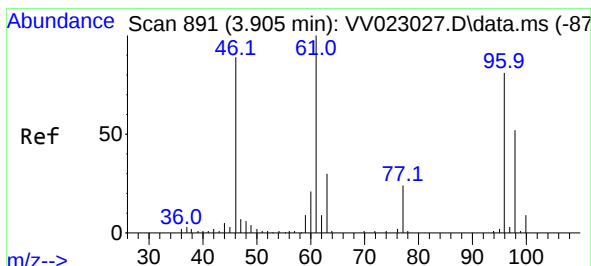
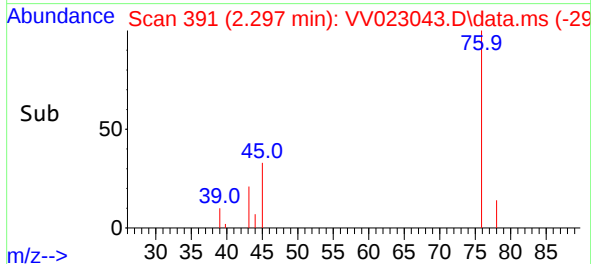
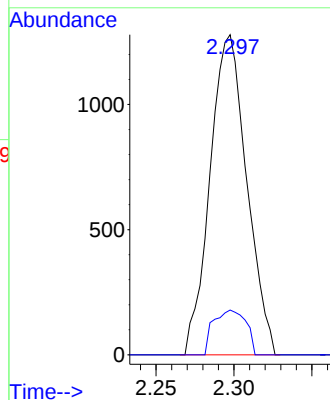
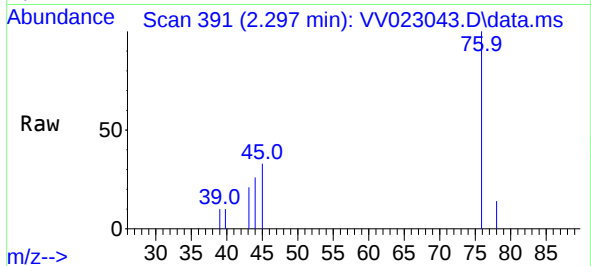




#14
Carbon disulfide
Concen: 0.121 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.009 min
Lab File: VV023043.D
Acq: 26 Oct 2021 17:15

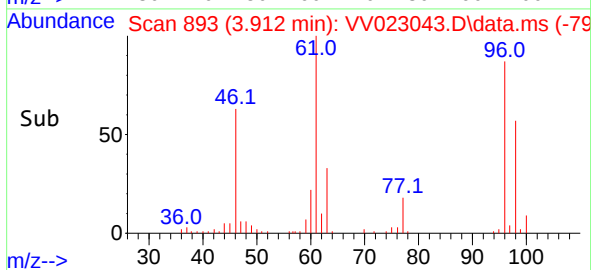
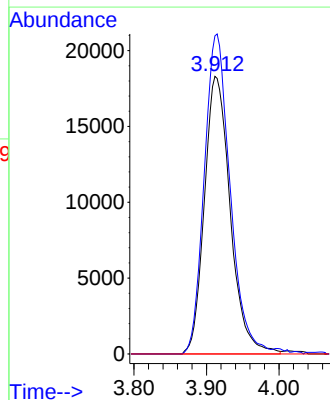
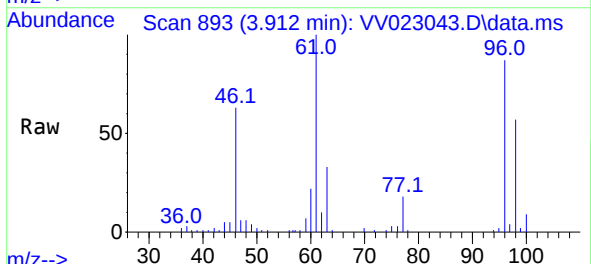
Instrument :
MSVOA_V
ClientSampleId :
BFGE0

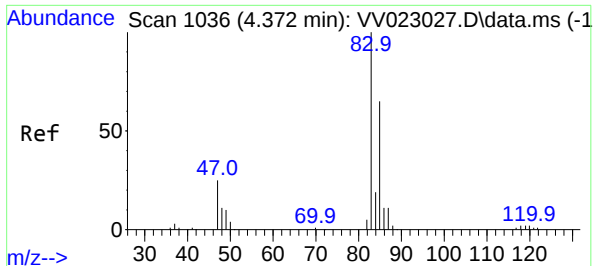
Tgt Ion: 76 Resp: 2097
Ion Ratio Lower Upper
76 100
78 14.0 7.2 10.8#



#22
cis-1,2-Dichloroethene
Concen: 5.890 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.006 min
Lab File: VV023043.D
Acq: 26 Oct 2021 17:15

Tgt Ion: 96 Resp: 45465
Ion Ratio Lower Upper
96 100
61 114.6 92.3 171.3
68 0.0 0.4 0.8#





#25

Chloroform

Concen: 0.480 ug/L

RT: 4.381 min Scan# 1036

Delta R.T. 0.009 min

Lab File: VV023043.D

Acq: 26 Oct 2021 17:15

Instrument :

MSVOA_V

ClientSampleId :

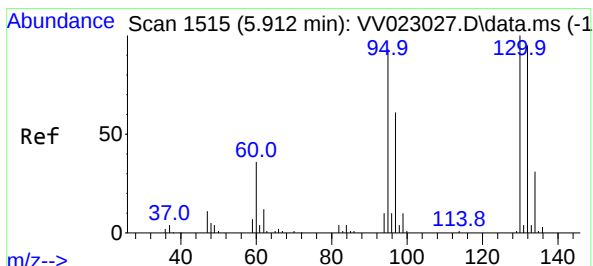
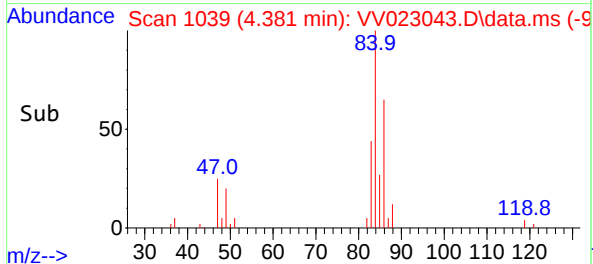
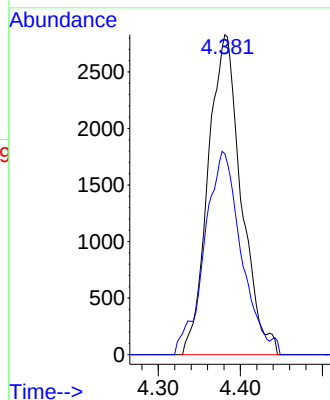
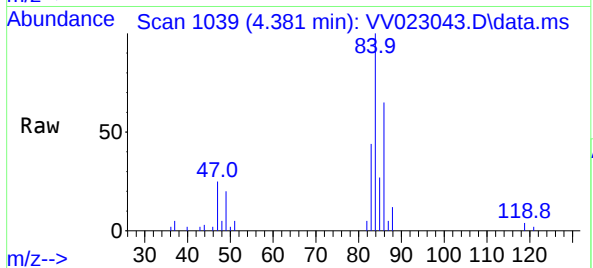
BFGEO

Tgt Ion: 83 Resp: 7927

Ion Ratio Lower Upper

83 100

85 62.7 46.8 86.8



#34

Trichloroethene

Concen: 0.221 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.009 min

Lab File: VV023043.D

Acq: 26 Oct 2021 17:15

Tgt Ion: 95 Resp: 1994

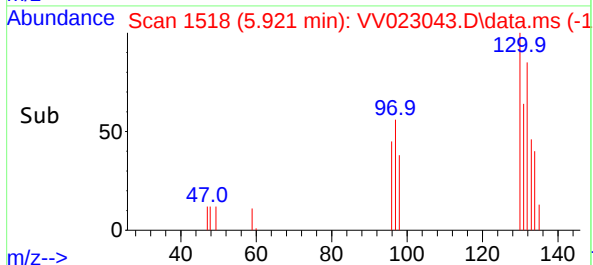
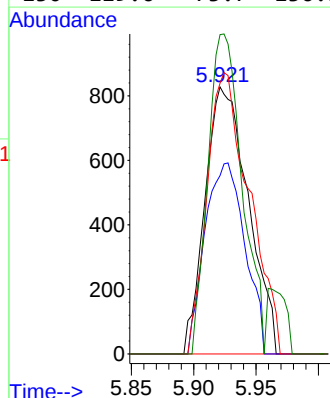
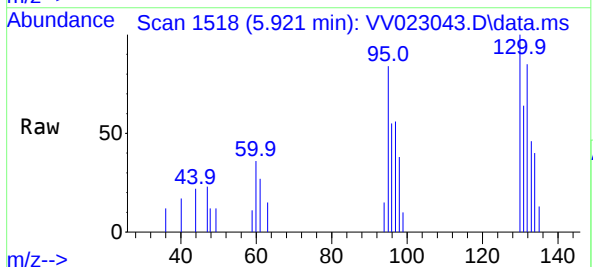
Ion Ratio Lower Upper

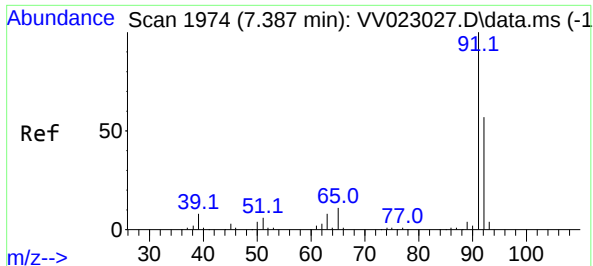
95 100

97 66.8 45.0 83.6

132 101.3 69.7 129.4

130 119.6 73.7 136.9





#42

Toluene

Concen: 0.184 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.009 min

Lab File: VV023043.D

Acq: 26 Oct 2021 17:15

Instrument :

MSVOA_V

ClientSampleId :

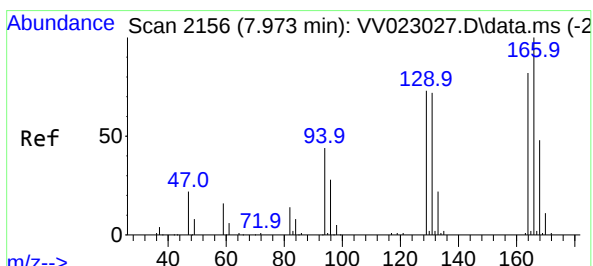
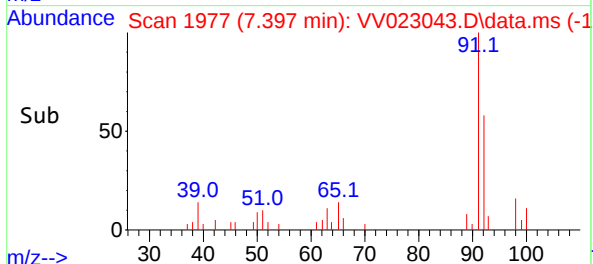
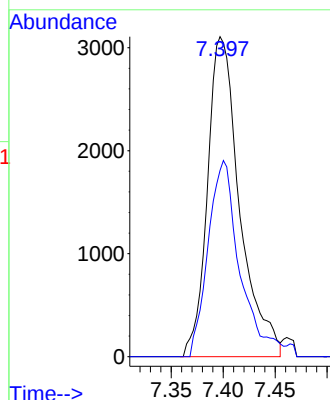
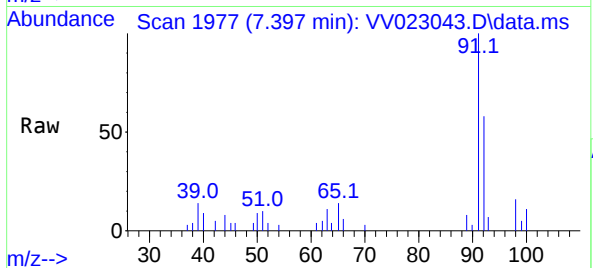
BFGEO

Tgt Ion: 91 Resp: 6697

Ion Ratio Lower Upper

91 100

92 58.2 39.3 72.9



#47

Tetrachloroethene

Concen: 0.321 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.009 min

Lab File: VV023043.D

Acq: 26 Oct 2021 17:15

Tgt Ion: 164 Resp: 2440

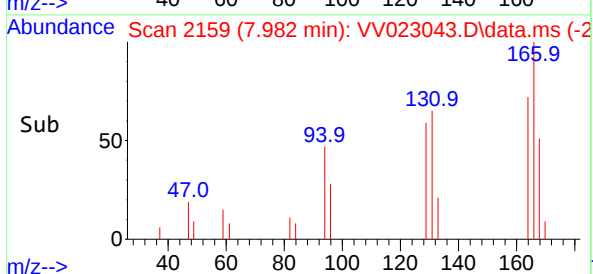
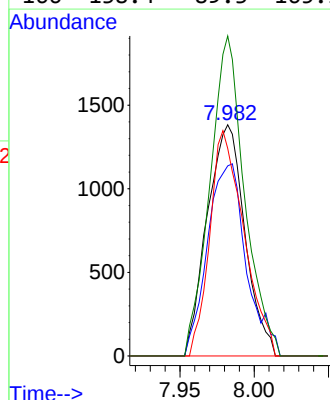
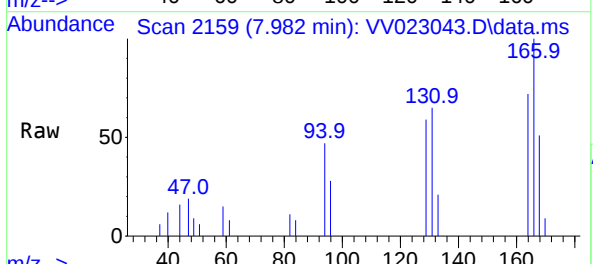
Ion Ratio Lower Upper

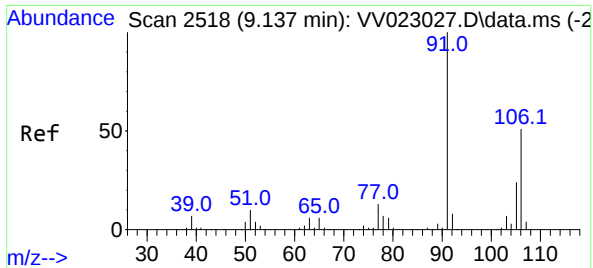
164 100

129 82.2 64.0 119.0

131 89.7 63.4 117.8

166 138.4 89.3 165.9





#53
m,p-xylene
Concen: 0.094 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV023043.D
Acq: 26 Oct 2021 17:15

Instrument :
MSVOA_V
ClientSampleId :
BFGE0

Tgt Ion:106 Resp: 1360
Ion Ratio Lower Upper
106 100
91 168.0 137.2 254.8

