

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023044.D
 Acq On : 26 Oct 2021 17:39
 Operator : SY/MD
 Sample : M4277-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG5

Quant Time: Oct 27 01:34:43 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)

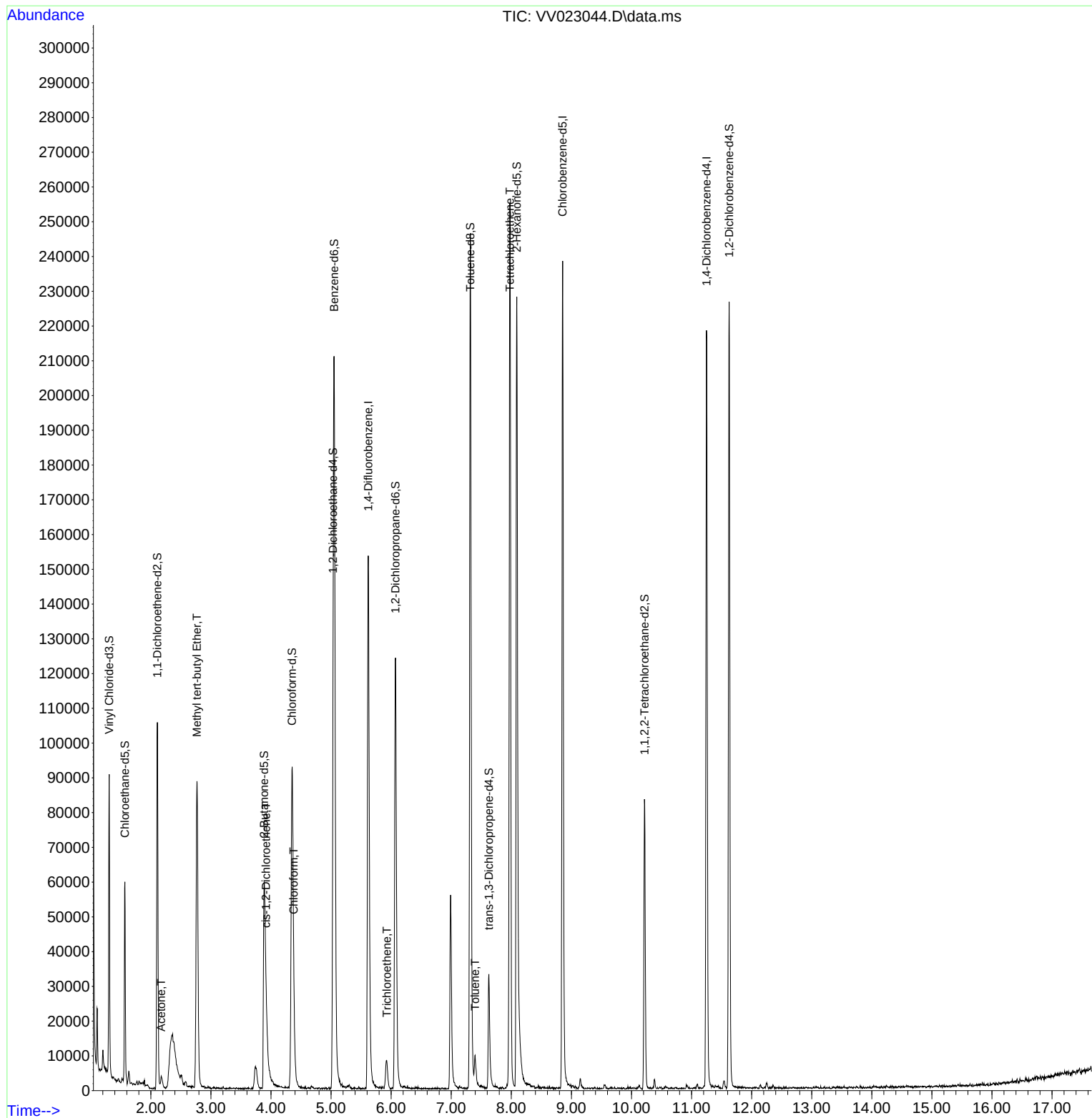
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	139222	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	135198	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59539	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52745	4.336	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.800%	
7) Chloroethane-d5	1.568	69	34730	4.615	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.400%	
11) 1,1-Dichloroethene-d2	2.108	63	54327	3.096	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.000%	
20) 2-Butanone-d5	3.886	46	107322	54.994	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.980%	
24) Chloroform-d	4.349	84	94154	4.761	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
26) 1,2-Dichloroethane-d4	5.034	65	45192	4.847	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.000%	
32) Benzene-d6	5.050	84	195915	4.964	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
36) 1,2-Dichloropropane-d6	6.072	67	61847	5.090	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.800%	
41) Toluene-d8	7.317	98	165131	4.657	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
43) trans-1,3-Dichloroprop...	7.625	79	19819	4.655	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.200%	
46) 2-Hexanone-d5	8.092	63	73989	46.941	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.880%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40943	4.880	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	60750	5.719	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.400%	
Target Compounds						
					Qvalue	
13) Acetone	2.172	43	4517	4.718	ug/L	90
17) Methyl tert-butyl Ether	2.767	73	85685	5.035	ug/L	94
22) cis-1,2-Dichloroethene	3.915	96	2627	0.304	ug/L #	87
25) Chloroform	4.378	83	11633	0.630	ug/L	97
34) Trichloroethene	5.928	95	2738	0.300	ug/L	86
42) Toluene	7.397	91	6164	0.167	ug/L	88
47) Tetrachloroethene	7.976	164	58023	7.514	ug/L	95

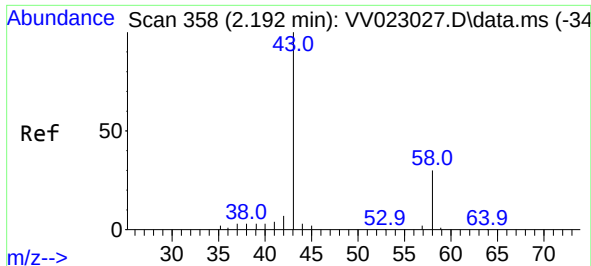
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 27 01:29:33 2021
Response via : Initial Calibration





#13

Acetone

Concen: 4.718 ug/L

RT: 2.172 min Scan# 3

Delta R.T. -0.019 min

Lab File: VV023044.D

Acq: 26 Oct 2021 17:39

Instrument :

MSVOA_V

ClientSampleId :

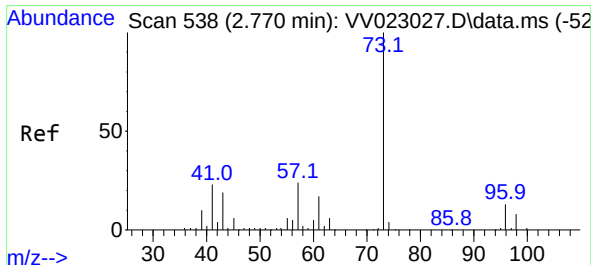
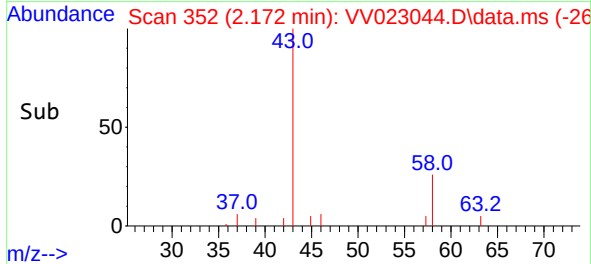
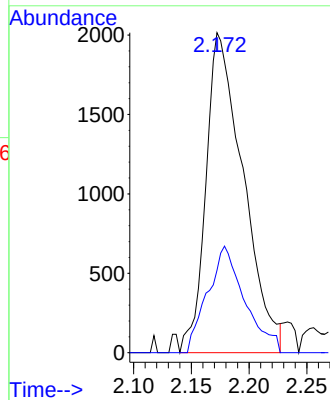
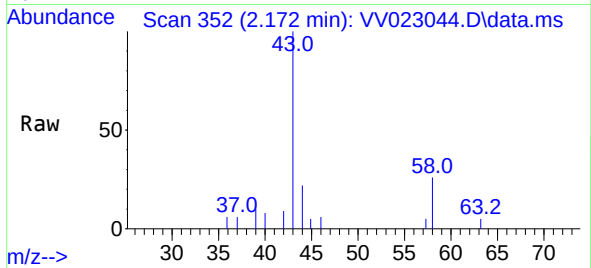
BFG5

Tgt Ion: 43 Resp: 4517

Ion Ratio Lower Upper

43 100

58 33.2 0.0 55.4



#17

Methyl tert-butyl Ether

Concen: 5.035 ug/L

RT: 2.767 min Scan# 537

Delta R.T. -0.003 min

Lab File: VV023044.D

Acq: 26 Oct 2021 17:39

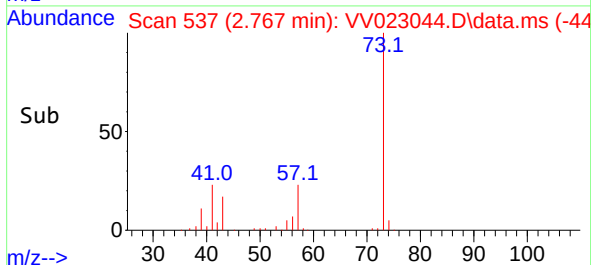
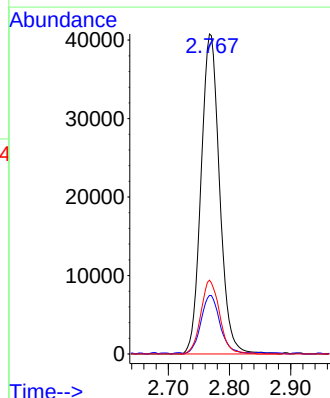
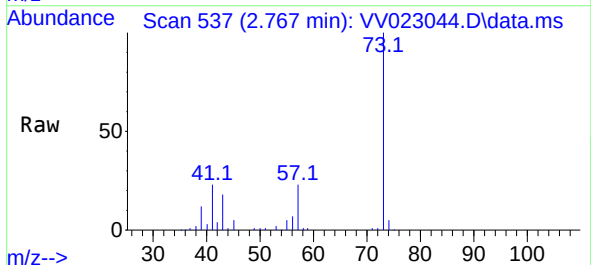
Tgt Ion: 73 Resp: 85685

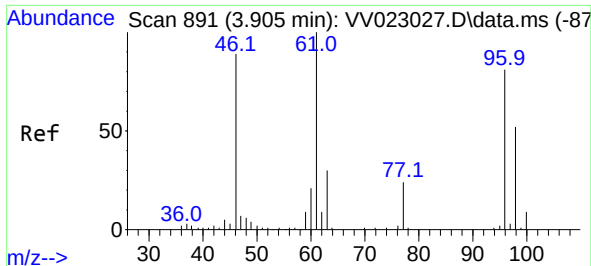
Ion Ratio Lower Upper

73 100

43 19.1 17.4 26.0

57 23.4 16.5 24.7

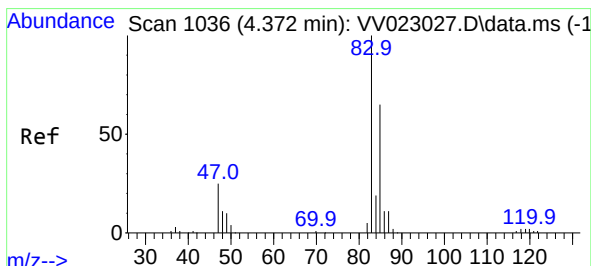
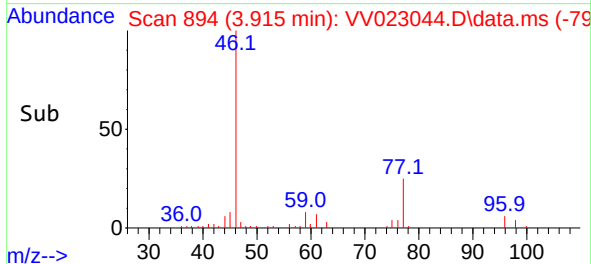
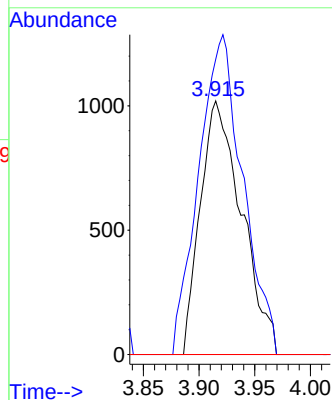
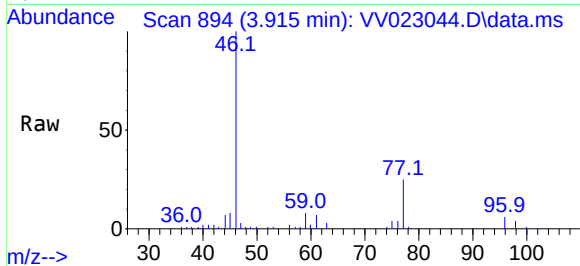




#22
cis-1,2-Dichloroethene
Concen: 0.304 ug/L
RT: 3.915 min Scan# 891
Delta R.T. 0.010 min
Lab File: VV023044.D
Acq: 26 Oct 2021 17:39

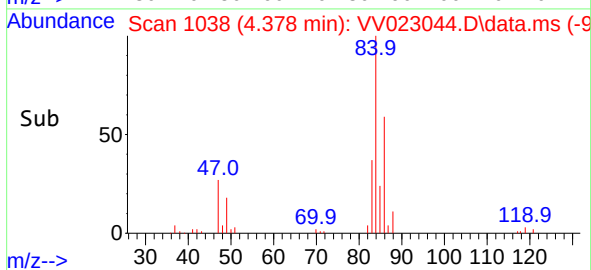
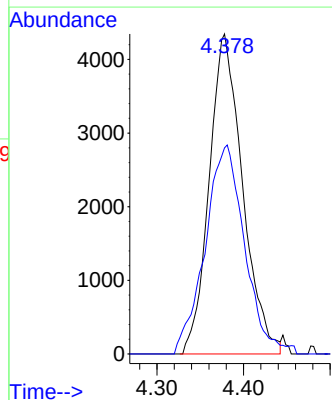
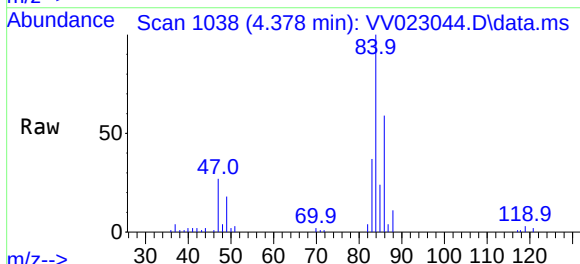
Instrument :
MSVOA_V
ClientSampleId :
BFG5

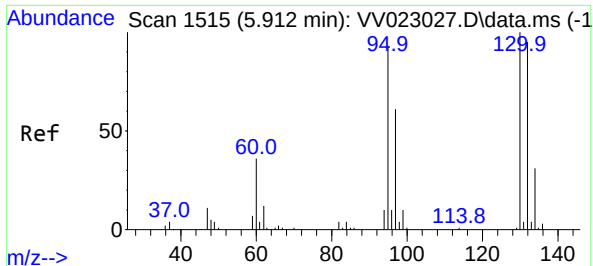
Tgt Ion: 96 Resp: 2627
Ion Ratio Lower Upper
96 100
61 116.4 92.3 171.3
68 0.0 0.4 0.8#



#25
Chloroform
Concen: 0.630 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV023044.D
Acq: 26 Oct 2021 17:39

Tgt Ion: 83 Resp: 11633
Ion Ratio Lower Upper
83 100
85 64.4 46.8 86.8

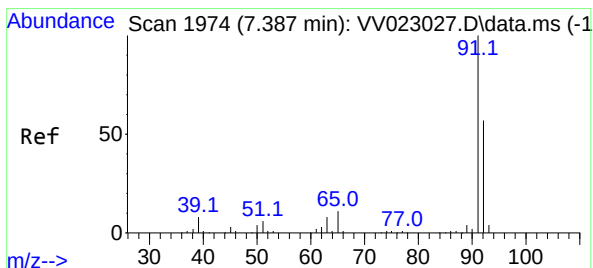
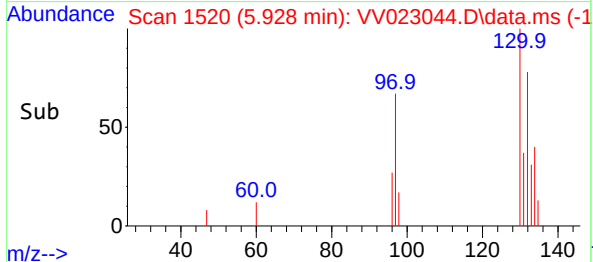
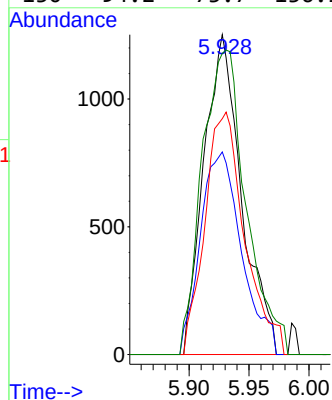
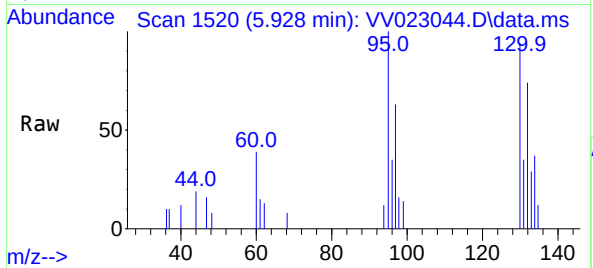




#34
Trichloroethene
Concen: 0.300 ug/L
RT: 5.928 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV023044.D
Acq: 26 Oct 2021 17:39

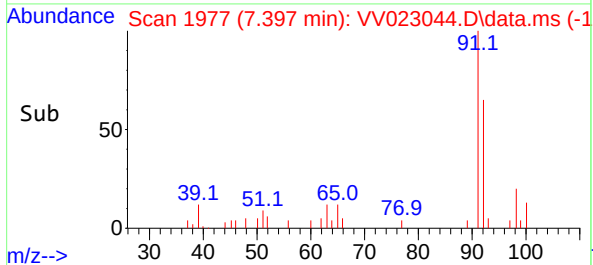
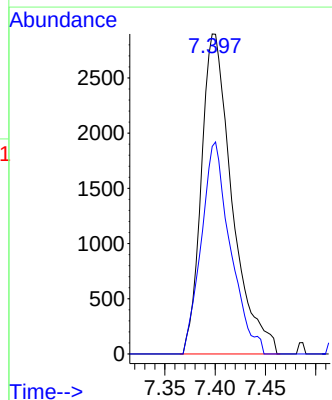
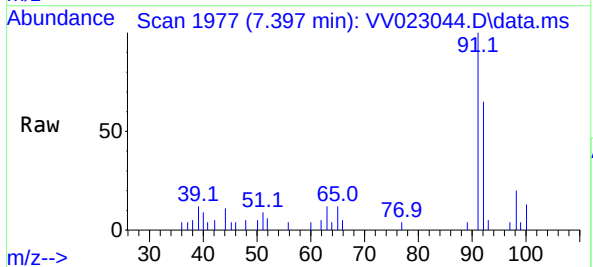
Instrument :
MSVOA_V
ClientSampleId :
BFGE5

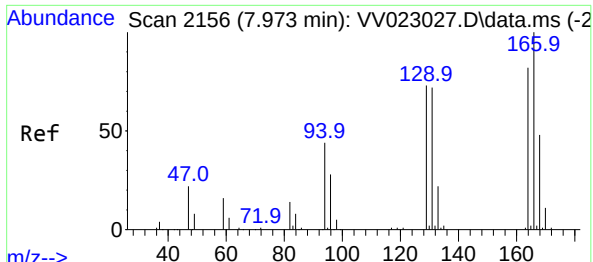
Tgt Ion: 95 Resp: 2738
Ion Ratio Lower Upper
95 100
97 63.3 45.0 83.6
132 73.7 69.7 129.4
130 94.2 73.7 136.9



#42
Toluene
Concen: 0.167 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV023044.D
Acq: 26 Oct 2021 17:39

Tgt Ion: 91 Resp: 6164
Ion Ratio Lower Upper
91 100
92 64.8 39.3 72.9





#47
Tetrachloroethene
Concen: 7.514 ug/L
RT: 7.976 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023044.D
Acq: 26 Oct 2021 17:39

Instrument :
MSVOA_V
ClientSampleId :
BFGE5

Tgt Ion:164 Resp: 58023
Ion Ratio Lower Upper
164 100
129 95.0 64.0 119.0
131 93.5 63.4 117.8
166 134.7 89.3 165.9

