

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102021\
 Data File : VW022939.D
 Acq On : 20 Oct 2021 18:05
 Operator : SY/MD
 Sample : M4137-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA3

Quant Time: Oct 21 02:48:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

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

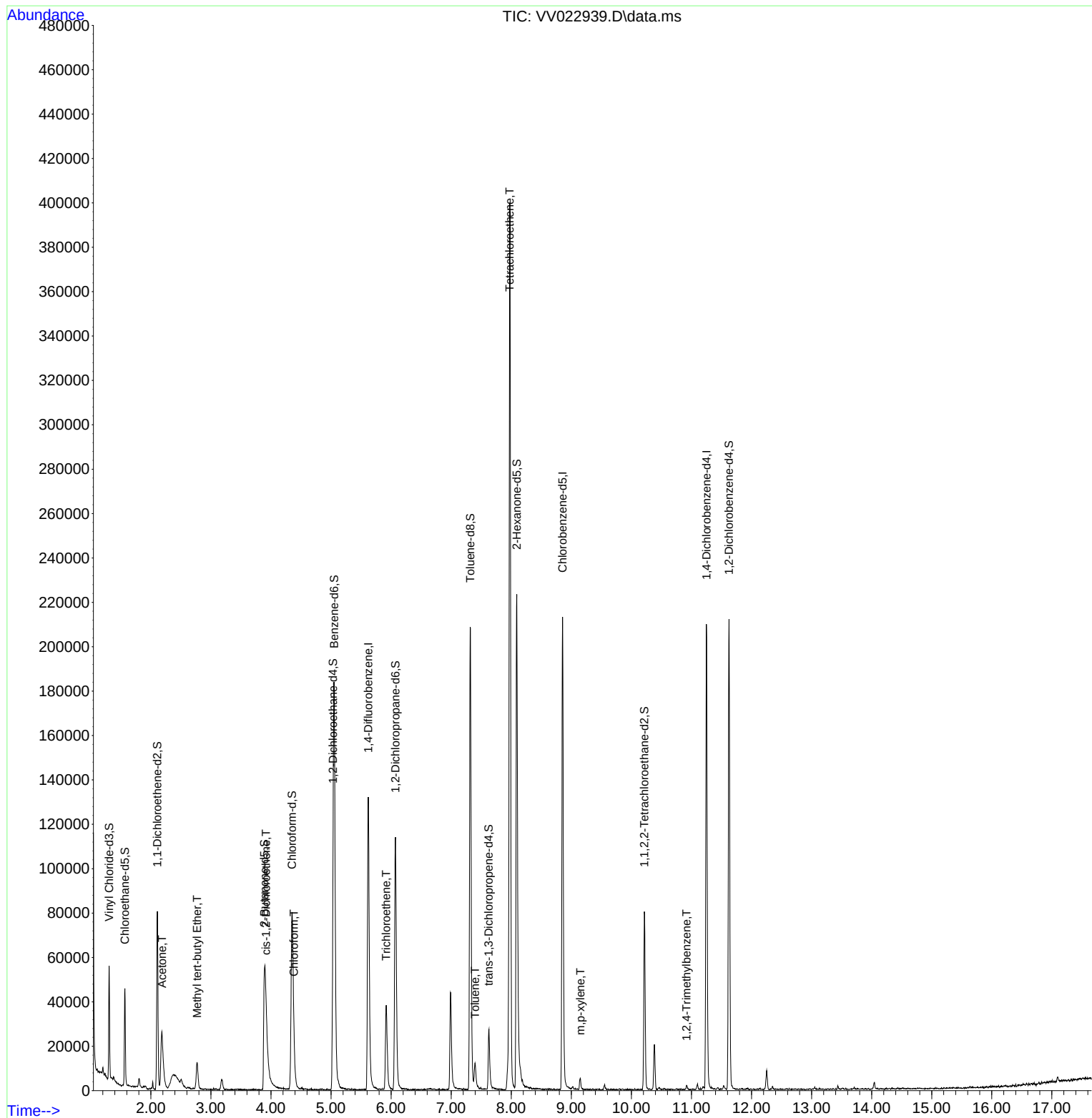
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119259	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121830	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56361	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31184	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.568	69	27391	3.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.20%
11) 1,1-Dichloroethene-d2	2.108	63	41938	2.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.20%#
20) 2-Butanone-d5	3.889	46	100435	46.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.36%
24) Chloroform-d	4.349	84	81482	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.034	65	42568	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.053	84	170491	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.072	67	55477	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.317	98	139892	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloroprop...	7.625	79	16349	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.092	63	76252	53.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.22%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38206	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	58065	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%
Target Compounds					Qvalue	
13) Acetone	2.185	43	46143	38.46	ug/L #	41
17) Methyl tert-butyl Ether	2.770	73	11423	0.66	ug/L #	94
22) cis-1,2-Dichloroethene	3.918	96	3468	0.42	ug/L	92
25) Chloroform	4.381	83	14533	0.89	ug/L	99
34) Trichloroethene	5.918	95	13770	1.54	ug/L	96
42) Toluene	7.397	91	9071	0.27	ug/L	97
47) Tetrachloroethene	7.976	164	91224	12.64	ug/L	98
53) m,p-xylene	9.153	106	1302	0.10	ug/L	79
63) 1,2,4-Trimethylbenzene	10.918	105	1330	0.06	ug/L	100

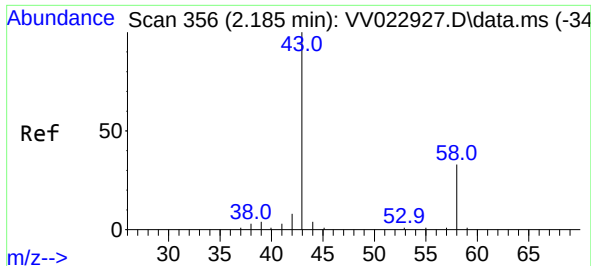
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 21 02:43:59 2021
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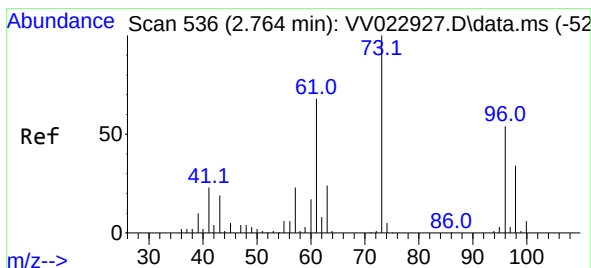
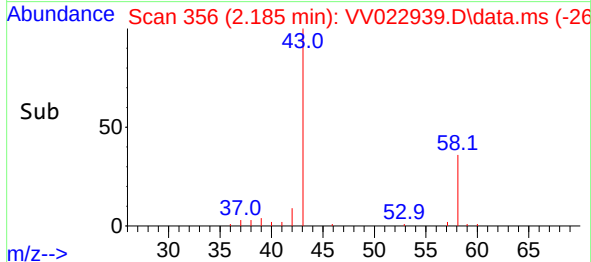
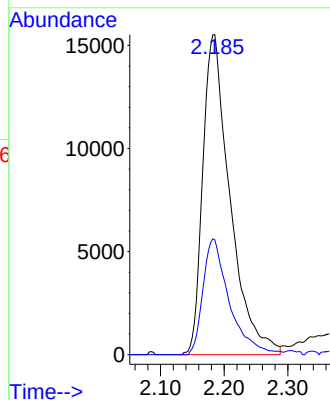
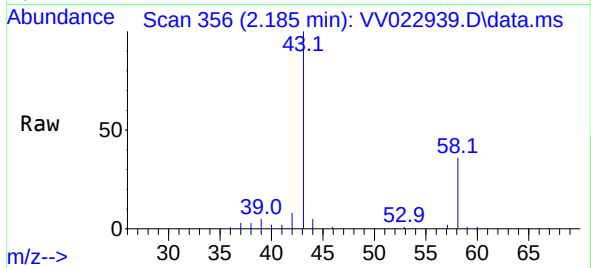




#13
Acetone
Concen: 38.46 ug/L
RT: 2.185 min Scan# 356
Delta R.T. 0.000 min
Lab File: VV022939.D
Acq: 20 Oct 2021 18:05

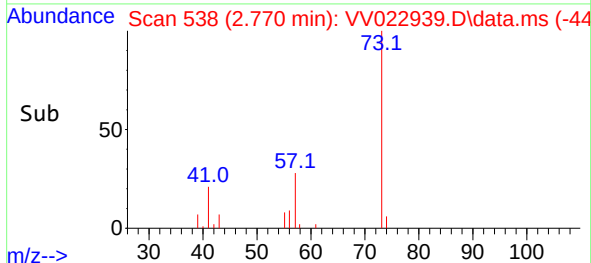
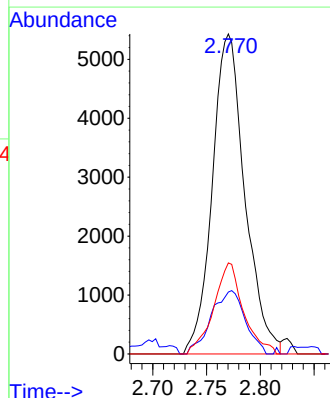
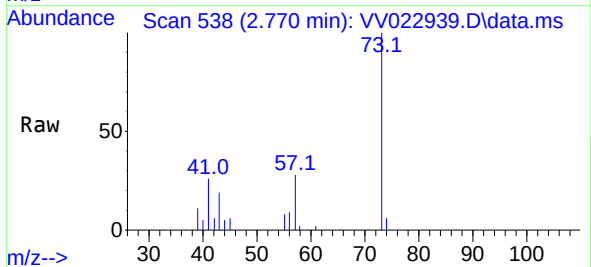
Instrument :
MSVOA_V
ClientSampleId :
BFGA3

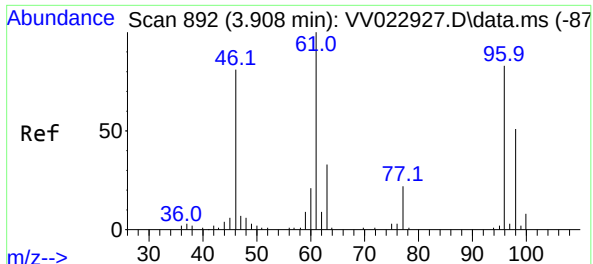
Tgt Ion: 43 Resp: 46143
Ion Ratio Lower Upper
43 100
58 35.0 0.0 24.2#



#17
Methyl tert-butyl Ether
Concen: 0.66 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.007 min
Lab File: VV022939.D
Acq: 20 Oct 2021 18:05

Tgt Ion: 73 Resp: 11423
Ion Ratio Lower Upper
73 100
43 20.7 17.1 25.7
57 26.0 17.2 25.8#

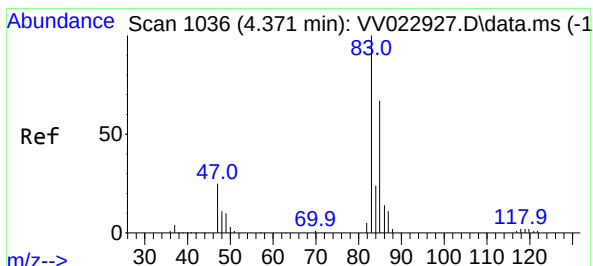
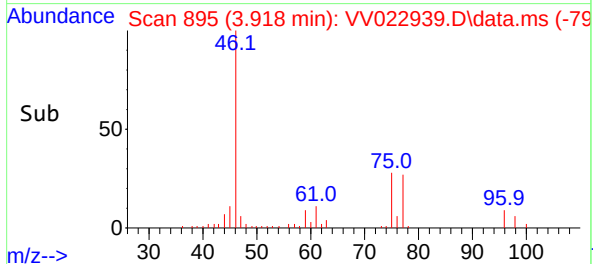
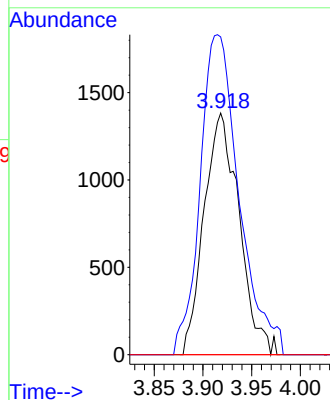
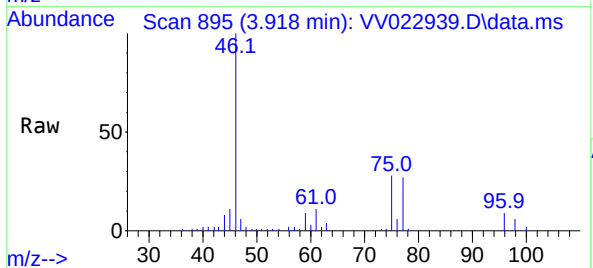




#22
cis-1,2-Dichloroethene
Concen: 0.42 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV022939.D
Acq: 20 Oct 2021 18:05

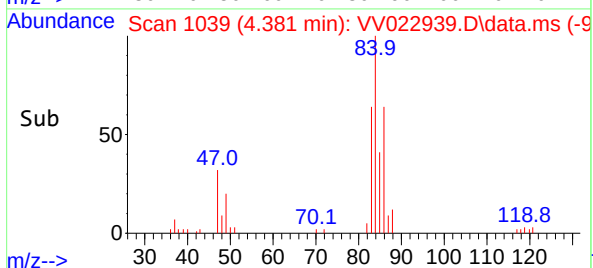
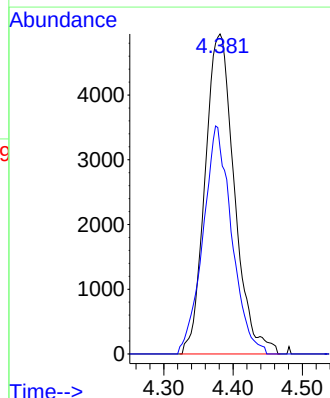
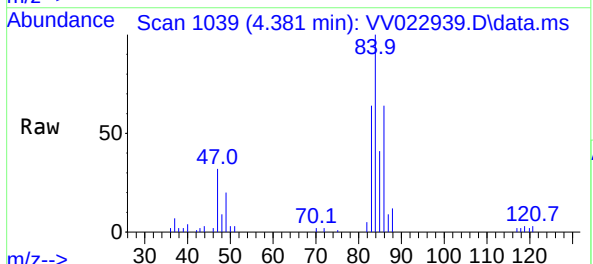
Instrument :
MSVOA_V
ClientSampleId :
BFGA3

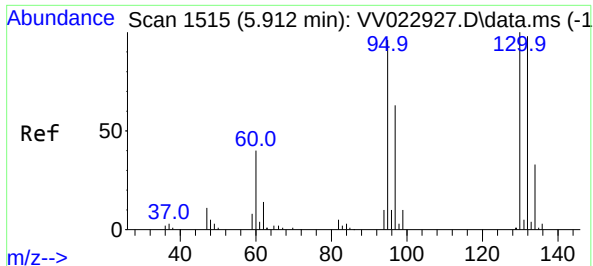
Tgt Ion: 96 Resp: 3468
Ion Ratio Lower Upper
96 100
61 131.5 86.0 159.6
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.89 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV022939.D
Acq: 20 Oct 2021 18:05

Tgt Ion: 83 Resp: 14533
Ion Ratio Lower Upper
83 100
85 64.4 45.7 84.9





#34

Trichloroethene

Concen: 1.54 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.007 min

Lab File: VV022939.D

Acq: 20 Oct 2021 18:05

Tgt Ion: 95 Resp: 13770

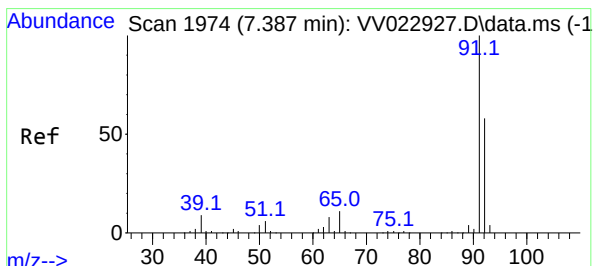
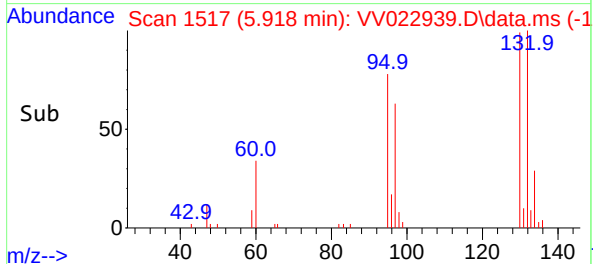
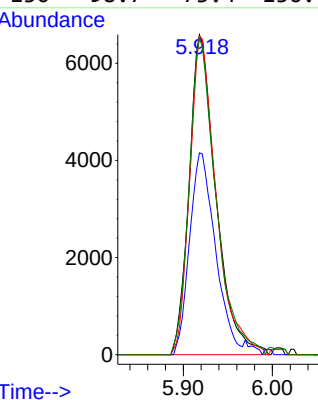
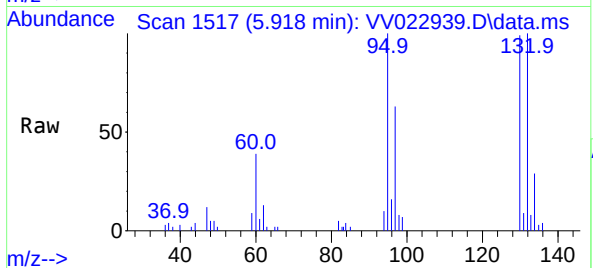
Ion Ratio Lower Upper

95 100

97 63.0 45.8 85.2

132 99.6 72.2 134.0

130 98.7 73.4 136.4



#42

Toluene

Concen: 0.27 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.010 min

Lab File: VV022939.D

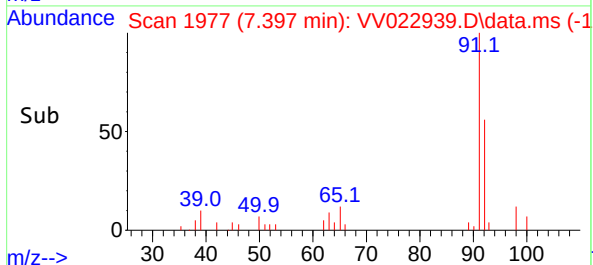
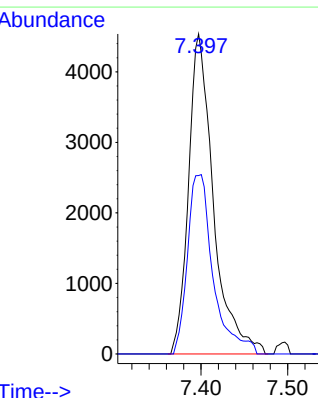
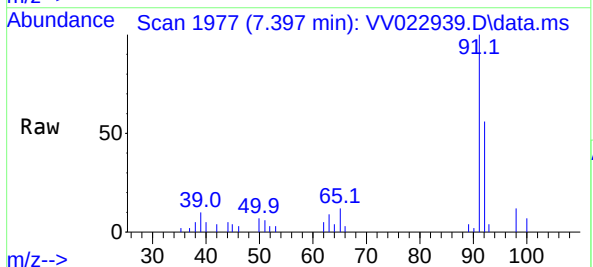
Acq: 20 Oct 2021 18:05

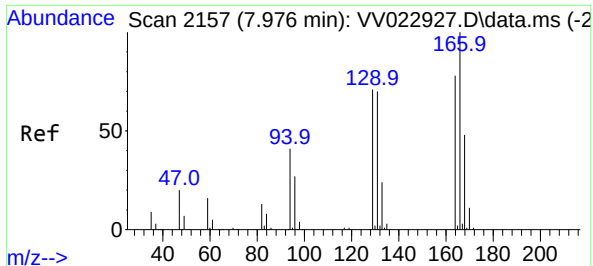
Tgt Ion: 91 Resp: 9071

Ion Ratio Lower Upper

91 100

92 55.8 40.7 75.7



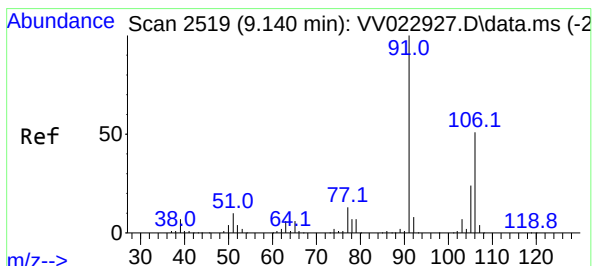
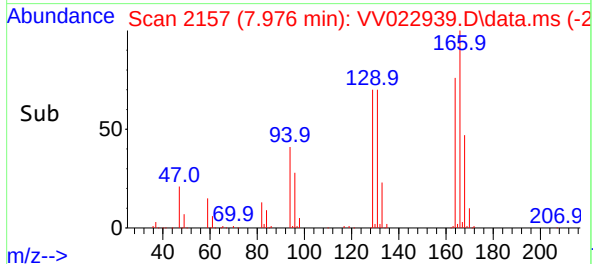
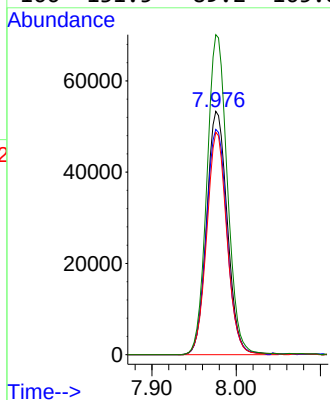
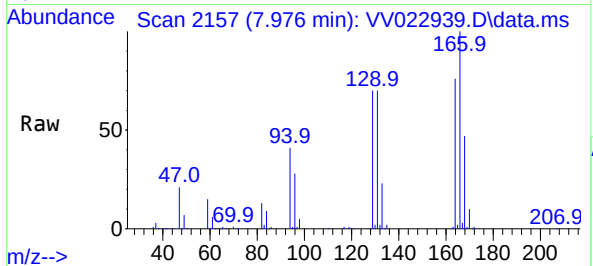


#47
Tetrachloroethene
Concen: 12.64 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022939.D
Acq: 20 Oct 2021 18:05

Instrument :
MSVOA_V
ClientSampled :
BFGA3

Tgt Ion:164 Resp: 91224

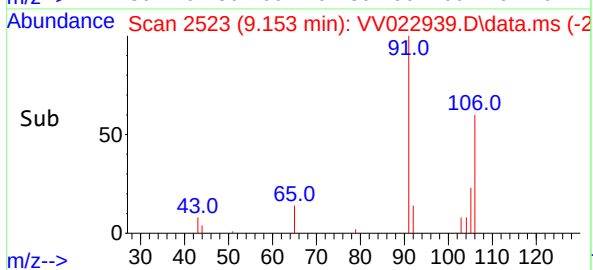
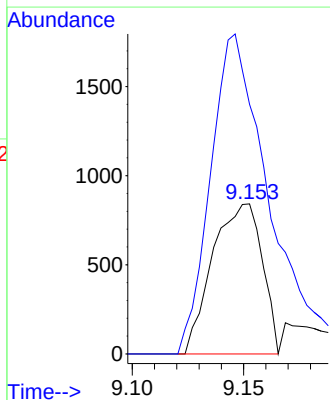
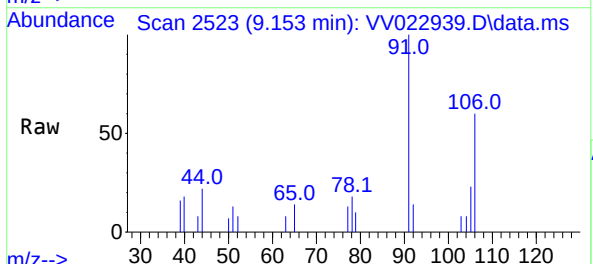
Ion	Ratio	Lower	Upper
164	100		
129	92.6	65.0	120.6
131	91.4	62.2	115.4
166	131.5	89.2	165.8

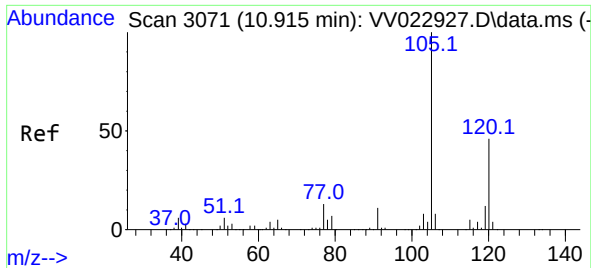


#53
m,p-xylene
Concen: 0.10 ug/L
RT: 9.153 min Scan# 2523
Delta R.T. 0.013 min
Lab File: VV022939.D
Acq: 20 Oct 2021 18:05

Tgt Ion:106 Resp: 1302

Ion	Ratio	Lower	Upper
106	100		
91	166.3	138.7	257.5





#63
 1,2,4-Trimethylbenzene
 Concen: 0.06 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.003 min
 Lab File: VV022939.D
 Acq: 20 Oct 2021 18:05

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA3

Tgt Ion:105 Resp: 1330
 Ion Ratio Lower Upper
 105 100
 120 46.9 37.3 55.9

