

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102321\
 Data File : VW023014.D
 Acq On : 23 Oct 2021 16:59
 Operator : SY/MD
 Sample : M4277-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGB4

Quant Time: Oct 25 01:07:59 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

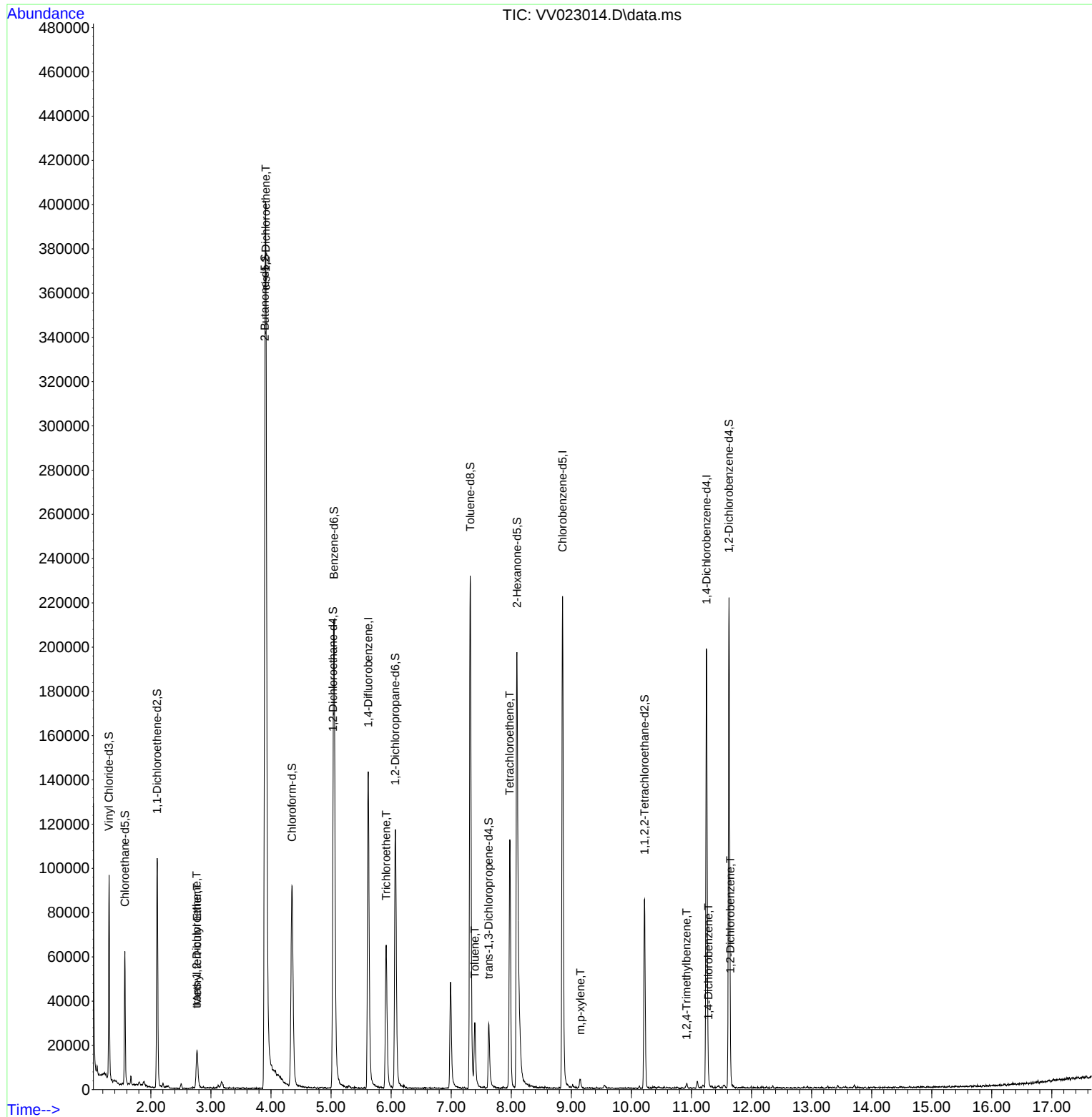
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126271	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	129071	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54517	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	55980	5.074	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.400%		
7) Chloroethane-d5	1.568	69	36492	5.347	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.000%		
11) 1,1-Dichloroethene-d2	2.105	63	53291	3.348	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 67.000%		
20) 2-Butanone-d5	3.899	46	87898	49.660	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	= 99.320%		
24) Chloroform-d	4.349	84	96147	5.360	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.200%		
26) 1,2-Dichloroethane-d4	5.034	65	45097	5.333	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.600%		
32) Benzene-d6	5.050	84	192591	5.111	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.200%		
36) 1,2-Dichloropropane-d6	6.069	67	59403	5.121	ug/L	-0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 102.400%		
41) Toluene-d8	7.317	98	157834	4.663	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 93.200%		
43) trans-1,3-Dichloroprop...	7.625	79	18128	4.460	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 89.200%		
46) 2-Hexanone-d5	8.095	63	78214	51.977	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 103.960%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	42044	5.249	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 105.000%		
66) 1,2-Dichlorobenzene-d4	11.625	152	57958	5.958	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 119.200%		
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.770	73	12224	0.792	ug/L #	82
18) trans-1,2-Dichloroethene	2.764	96	2011	0.291	ug/L	91
22) cis-1,2-Dichloroethene	3.912	96	217868	27.842	ug/L #	90
34) Trichloroethene	5.918	95	22718	2.604	ug/L	95
42) Toluene	7.394	91	21828	0.620	ug/L	96
47) Tetrachloroethene	7.976	164	26344	3.574	ug/L	97
53) m,p-xylene	9.153	106	1469	0.105	ug/L	67
63) 1,2,4-Trimethylbenzene	10.918	105	1235	0.056	ug/L	98
65) 1,4-Dichlorobenzene	11.281	146	1265	0.086	ug/L	87
67) 1,2-Dichlorobenzene	11.648	146	956	0.071	ug/L #	77

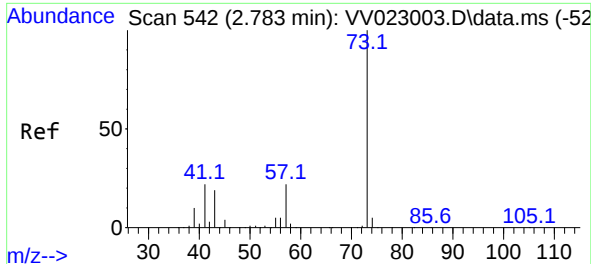
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 0.792 ug/L

RT: 2.770 min Scan# 51

Delta R.T. -0.013 min

Lab File: VV023014.D

Acq: 23 Oct 2021 16:59

Instrument :

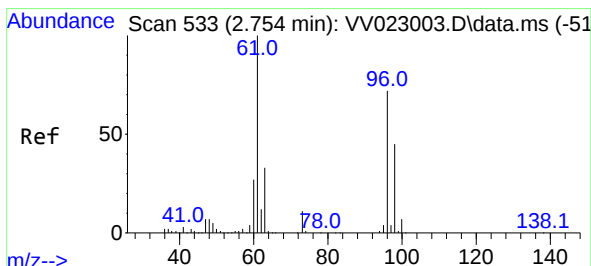
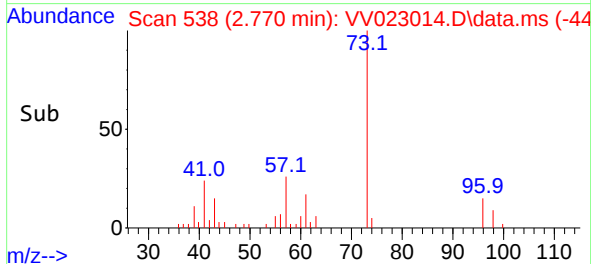
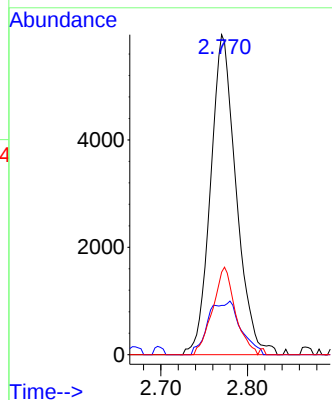
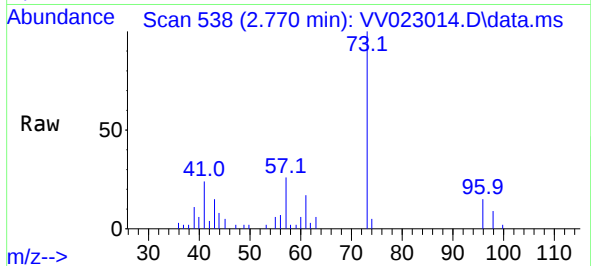
MSVOA_V

ClientSampleId :

BFGB4

Tgt Ion: 73 Resp: 12224

Ion	Ratio	Lower	Upper
73	100		
43	8.5	17.4	26.0#
57	24.2	16.5	24.7



#18

trans-1,2-Dichloroethene

Concen: 0.291 ug/L

RT: 2.764 min Scan# 536

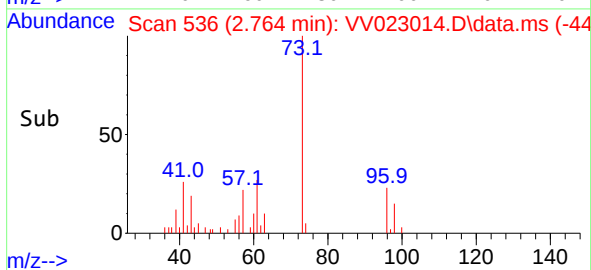
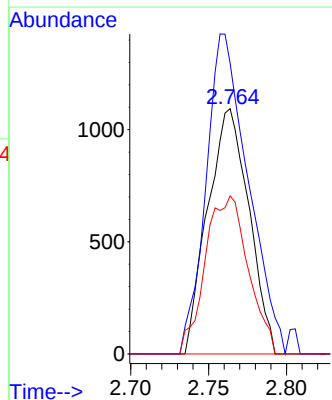
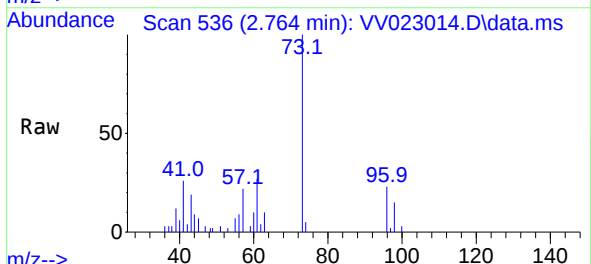
Delta R.T. 0.010 min

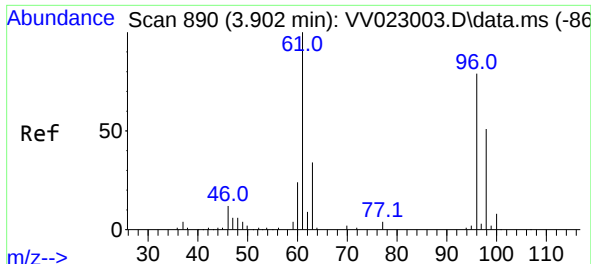
Lab File: VV023014.D

Acq: 23 Oct 2021 16:59

Tgt Ion: 96 Resp: 2011

Ion	Ratio	Lower	Upper
96	100		
61	118.6	93.2	173.2
98	64.4	47.0	87.2

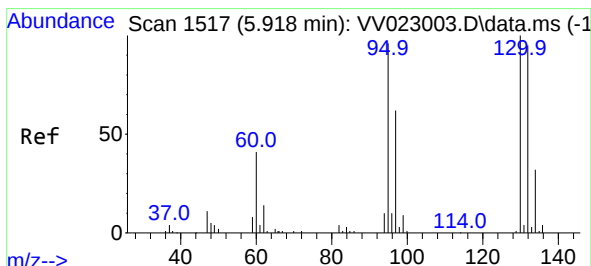
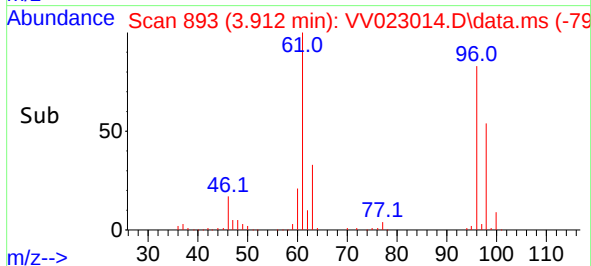
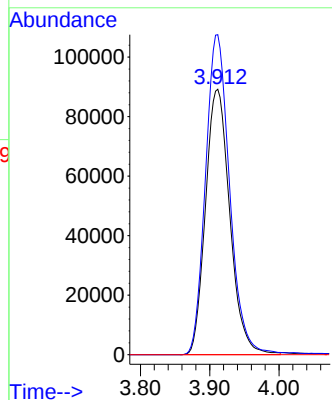
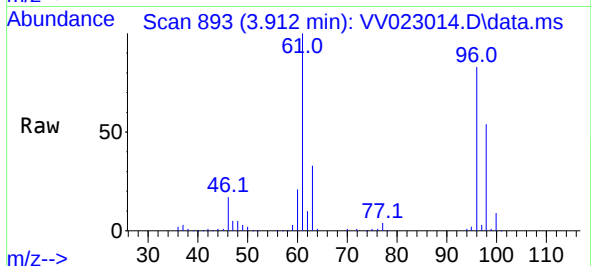




#22
cis-1,2-Dichloroethene
Concen: 27.842 ug/L
RT: 3.912 min Scan# 890
Delta R.T. 0.010 min
Lab File: VV023014.D
Acq: 23 Oct 2021 16:59

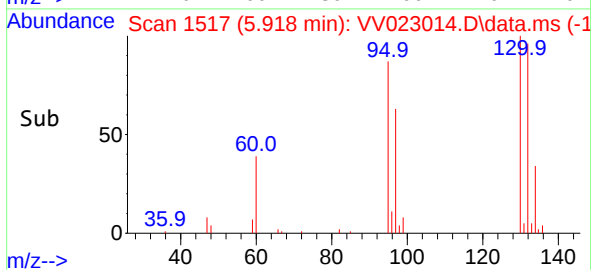
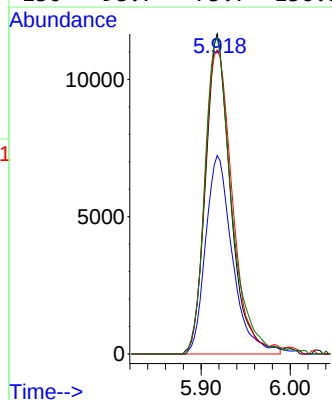
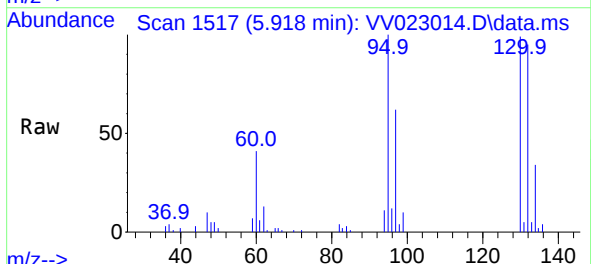
Instrument :
MSVOA_V
ClientSampleId :
BFGB4

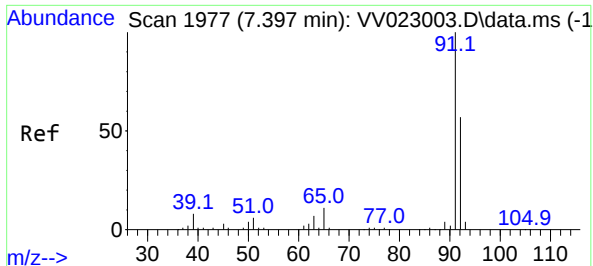
Tgt Ion: 96 Resp: 217868
Ion Ratio Lower Upper
96 100
61 120.6 92.3 171.3
68 0.0 0.4 0.8#



#34
Trichloroethene
Concen: 2.604 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV023014.D
Acq: 23 Oct 2021 16:59

Tgt Ion: 95 Resp: 22718
Ion Ratio Lower Upper
95 100
97 62.0 45.0 83.6
132 95.0 69.7 129.4
130 98.7 73.7 136.9





#42

Toluene

Concen: 0.620 ug/L

RT: 7.394 min Scan# 1977

Delta R.T. -0.003 min

Lab File: VV023014.D

Acq: 23 Oct 2021 16:59

Instrument :

MSVOA_V

ClientSampleId :

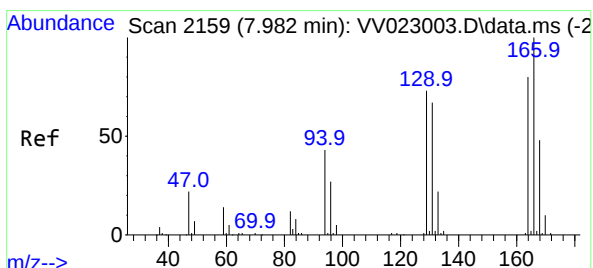
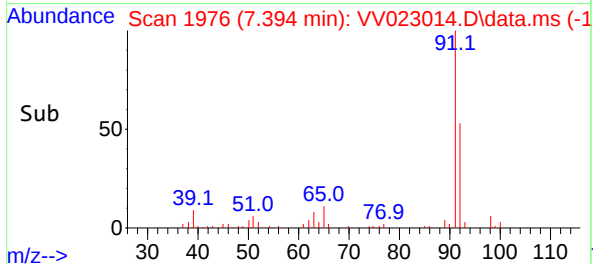
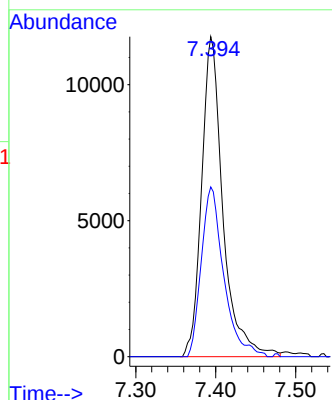
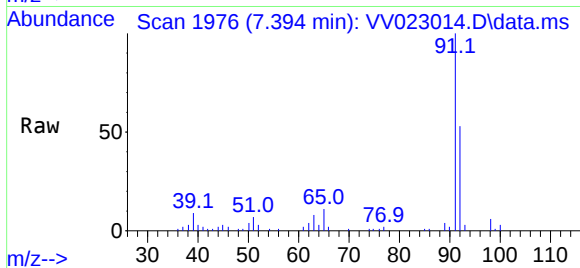
BFG4

Tgt Ion: 91 Resp: 21828

Ion Ratio Lower Upper

91 100

92 53.1 39.3 72.9



#47

Tetrachloroethene

Concen: 3.574 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.006 min

Lab File: VV023014.D

Acq: 23 Oct 2021 16:59

Tgt Ion: 164 Resp: 26344

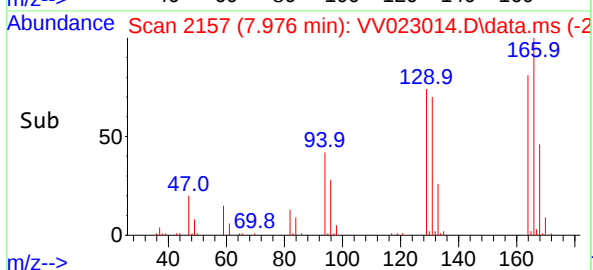
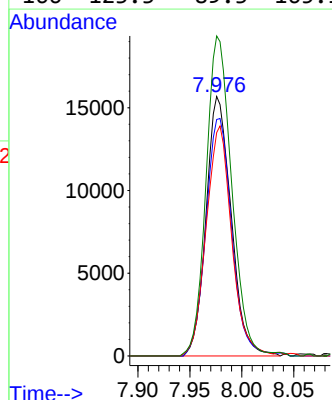
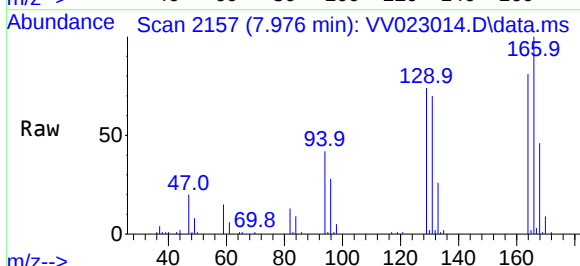
Ion Ratio Lower Upper

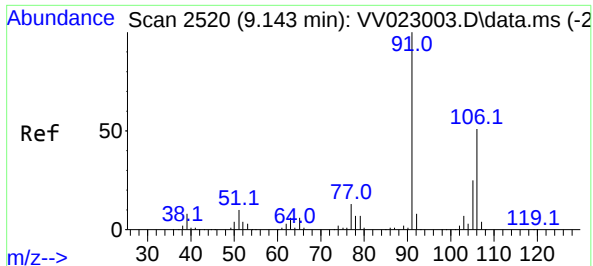
164 100

129 91.1 64.0 119.0

131 86.1 63.4 117.8

166 123.3 89.3 165.9

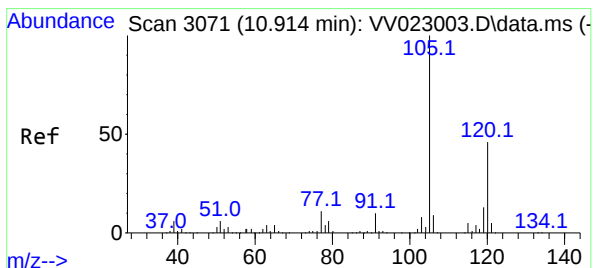
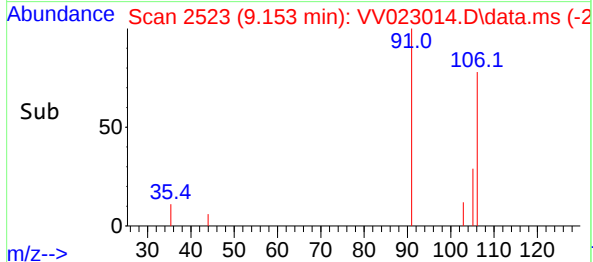
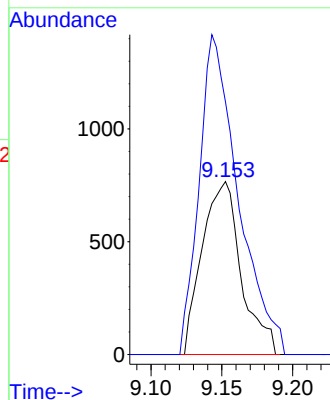
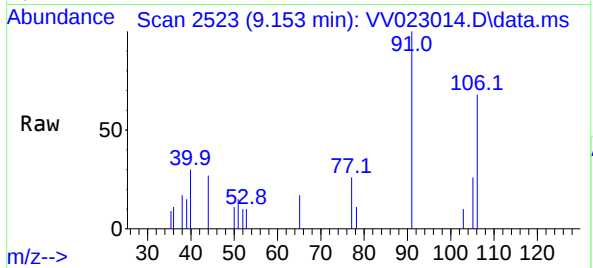




#53
 m,p-xylene
 Concen: 0.105 ug/L
 RT: 9.153 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV023014.D
 Acq: 23 Oct 2021 16:59

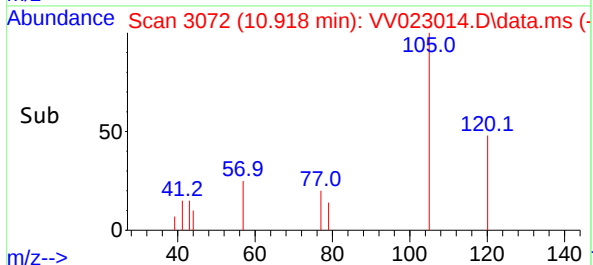
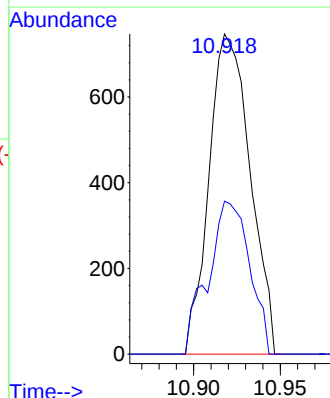
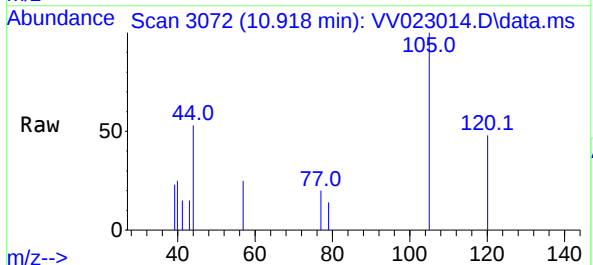
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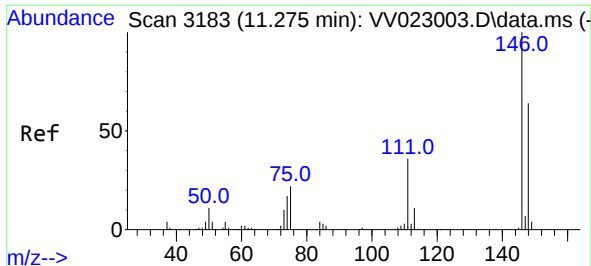
Tgt Ion:106 Resp: 1469
 Ion Ratio Lower Upper
 106 100
 91 146.0 137.2 254.8



#63
 1,2,4-Trimethylbenzene
 Concen: 0.056 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.003 min
 Lab File: VV023014.D
 Acq: 23 Oct 2021 16:59

Tgt Ion:105 Resp: 1235
 Ion Ratio Lower Upper
 105 100
 120 48.3 37.4 56.2

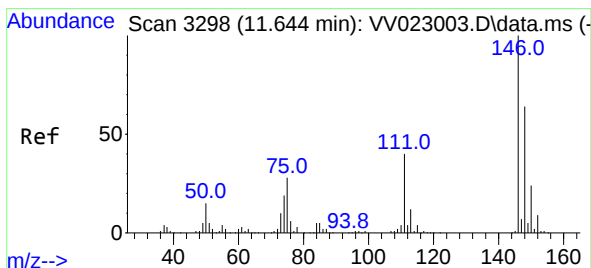
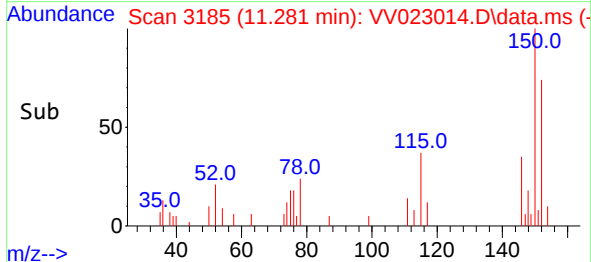
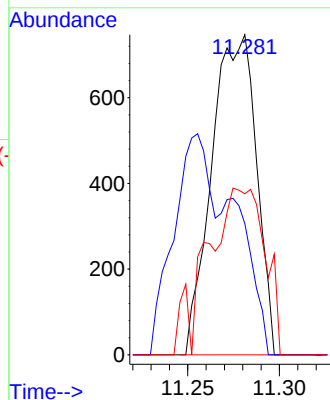
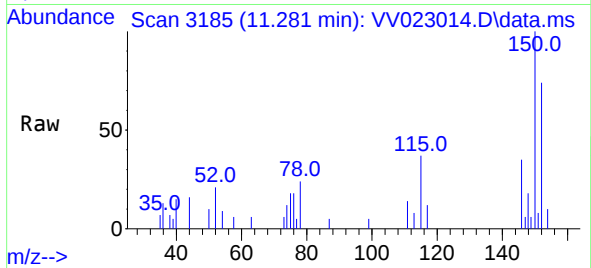




#65
1,4-Dichlorobenzene
Concen: 0.086 ug/L
RT: 11.281 min Scan# 3185
Delta R.T. 0.006 min
Lab File: VV023014.D
Acq: 23 Oct 2021 16:59

Instrument :
MSVOA_V
ClientSampleId :
BFG4

Tgt Ion:146	Resp:	1265
Ion Ratio	Lower	Upper
146	100	
111	41.0	26.2 48.8
148	50.3	44.4 82.5



#67
1,2-Dichlorobenzene
Concen: 0.071 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV023014.D
Acq: 23 Oct 2021 16:59

Tgt Ion:146	Resp:	956
Ion Ratio	Lower	Upper
146	100	
111	58.1	31.6 47.4#
148	49.4	51.0 76.6#

