

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032422\
 Data File : VW025151.D
 Acq On : 24 Mar 2022 15:17
 Operator : SY/MD
 Sample : N2044-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY36

Quant Time: Mar 25 03:10:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 02:51:12 2022
 Response via : Initial Calibration

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

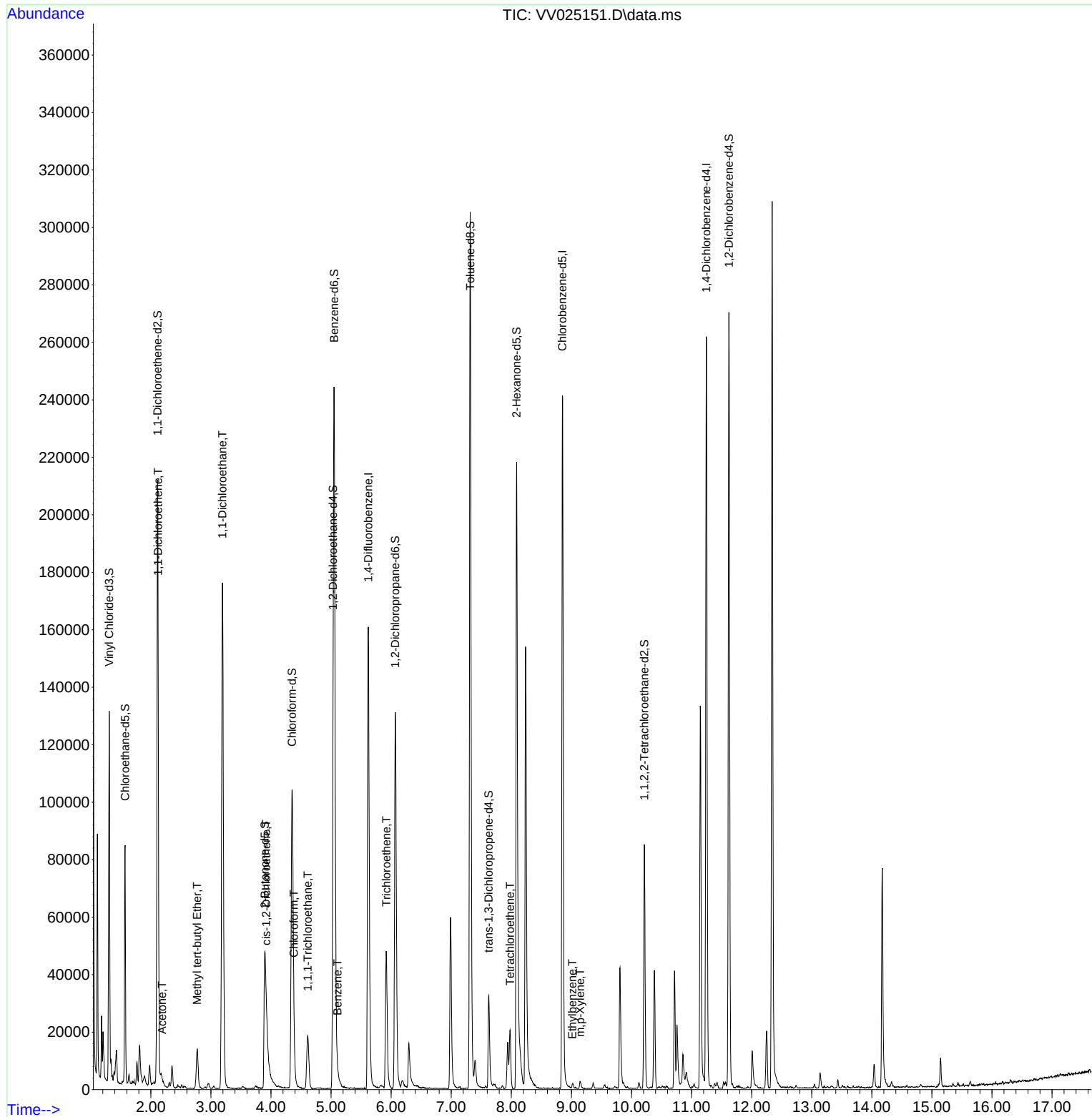
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	148595	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	143050	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	68716	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	66133	5.637	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 112.800%		
7) Chloroethane-d5	1.571	69	52986	6.168	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 123.400%		
11) 1,1-Dichloroethene-d2	2.111	63	96615	5.096	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 102.000%		
20) 2-Butanone-d5	3.896	46	95306	67.222	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 134.440%#		
24) Chloroform-d	4.349	84	113474	5.832	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 116.600%		
26) 1,2-Dichloroethane-d4	5.034	65	48161	5.921	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 118.400%		
32) Benzene-d6	5.050	84	241992	5.832	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 116.600%		
36) 1,2-Dichloropropane-d6	6.069	67	69694	5.841	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 116.800%		
41) Toluene-d8	7.317	98	213033	5.633	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.600%		
43) trans-1,3-Dichloroprop...	7.622	79	22473	5.402	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 108.000%		
46) 2-Hexanone-d5	8.088	63	82260	57.974	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 115.940%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43342	6.174	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 123.400%#		
66) 1,2-Dichlorobenzene-d4	11.622	152	70413	6.053	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 121.000%#		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.121	96	22591	2.387	ug/L #	43
13) Acetone	2.188	43	5032	5.307	ug/L	84
17) Methyl tert-butyl Ether	2.770	73	14869	0.721	ug/L	97
19) 1,1-Dichloroethane	3.191	63	180667	9.318	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	1403	0.122	ug/L	90
25) Chloroform	4.381	83	7192	0.356	ug/L	92
29) 1,1,1-Trichloroethane	4.613	97	16333	0.895	ug/L	97
33) Benzene	5.105	78	3918	0.084	ug/L	100
34) Trichloroethene	5.918	95	14732	1.189	ug/L	96
47) Tetrachloroethene	7.979	164	4919	0.564	ug/L	90
52) Ethylbenzene	9.018	91	2088	0.041	ug/L	99
53) m,p-Xylene	9.146	106	1110	0.056	ug/L	94

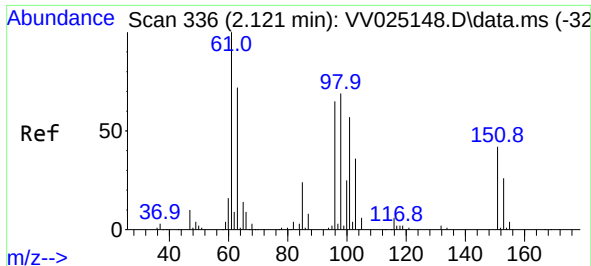
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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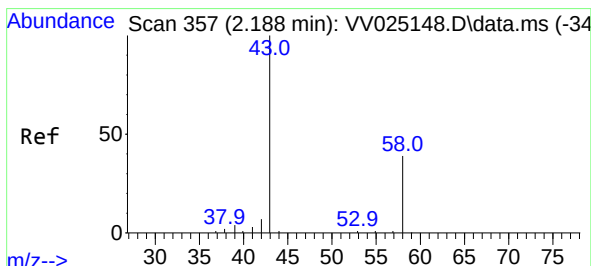
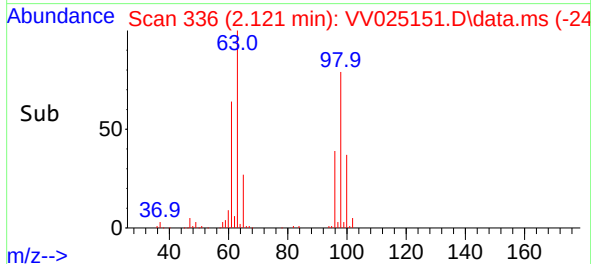
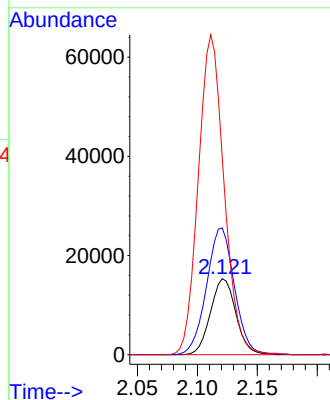
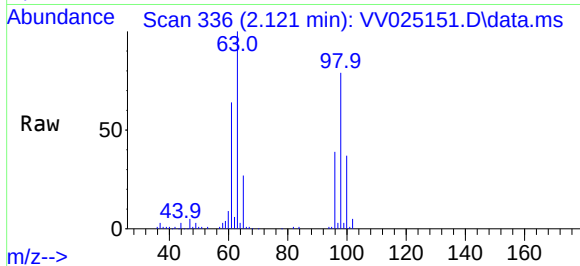




#12
1,1-Dichloroethene
Concen: 2.387 ug/L
RT: 2.121 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV025151.D
Acq: 24 Mar 2022 15:17

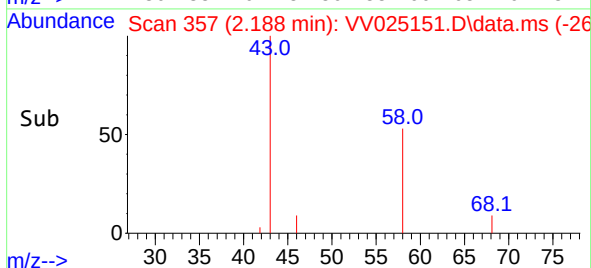
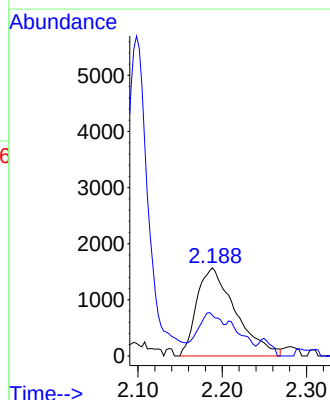
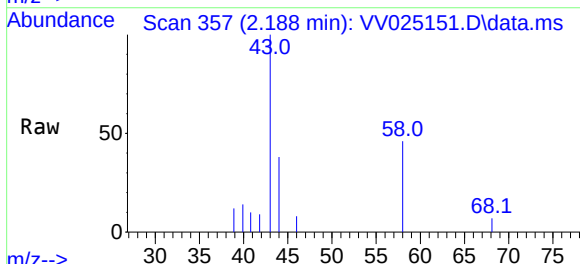
Instrument :
MSVOA_V
ClientSampleId :
BFY36

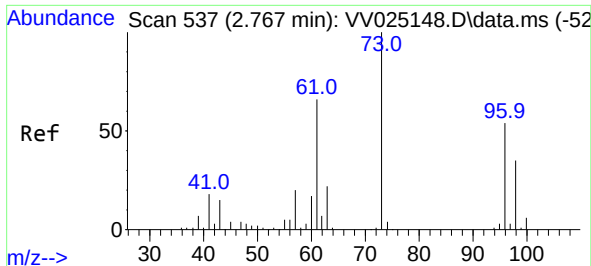
Tgt Ion: 96 Resp: 22591
Ion Ratio Lower Upper
96 100
61 166.8 113.0 209.9
63 258.8 82.1 152.5#



#13
Acetone
Concen: 5.307 ug/L
RT: 2.188 min Scan# 357
Delta R.T. 0.000 min
Lab File: VV025151.D
Acq: 24 Mar 2022 15:17

Tgt Ion: 43 Resp: 5032
Ion Ratio Lower Upper
43 100
58 18.9 0.0 54.2

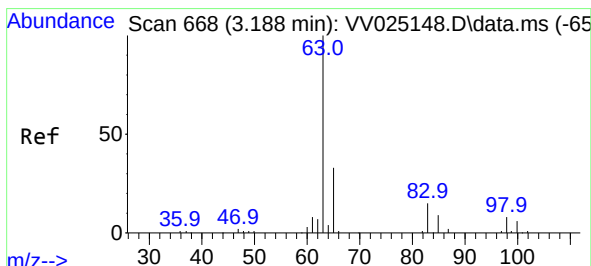
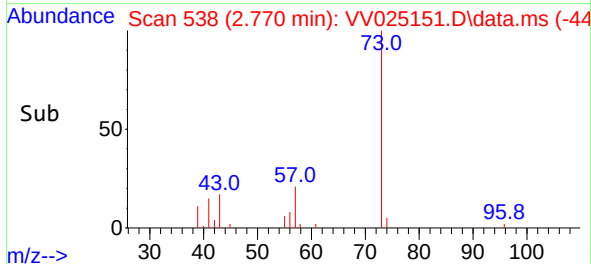
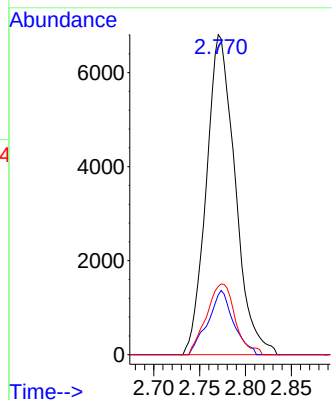
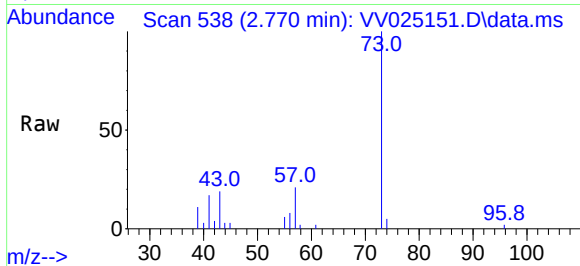




#17
Methyl tert-butyl Ether
Concen: 0.721 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025151.D
Acq: 24 Mar 2022 15:17

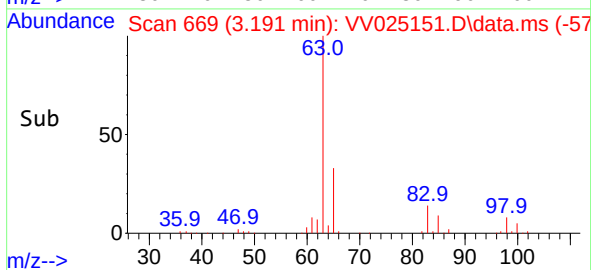
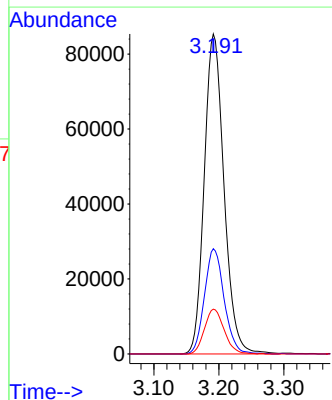
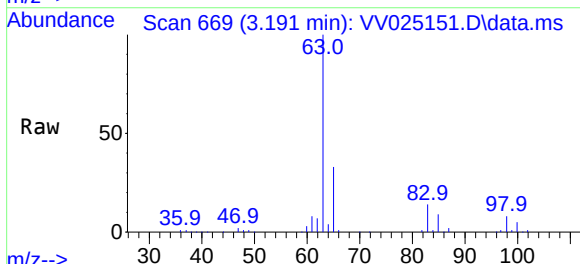
Instrument :
MSVOA_V
ClientSampleId :
BFY36

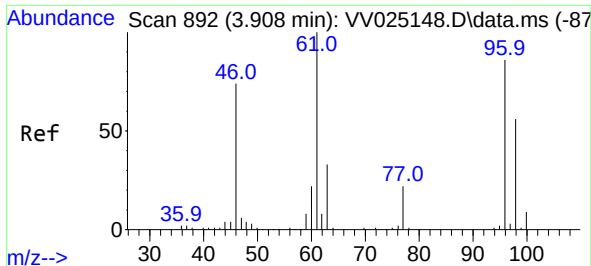
Tgt Ion: 73 Resp: 14869
Ion Ratio Lower Upper
73 100
43 17.8 13.2 19.8
57 22.0 16.7 25.1



#19
1,1-Dichloroethane
Concen: 9.318 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV025151.D
Acq: 24 Mar 2022 15:17

Tgt Ion: 63 Resp: 180667
Ion Ratio Lower Upper
63 100
65 32.9 22.2 41.2
83 14.0 9.4 17.4





#22

cis-1,2-Dichloroethene

Concen: 0.122 ug/L

RT: 3.918 min Scan# 892

Delta R.T. 0.010 min

Lab File: VV025151.D

Acq: 24 Mar 2022 15:17

Instrument :

MSVOA_V

ClientSampleId :

BFY36

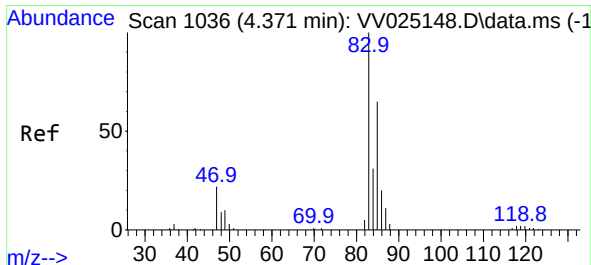
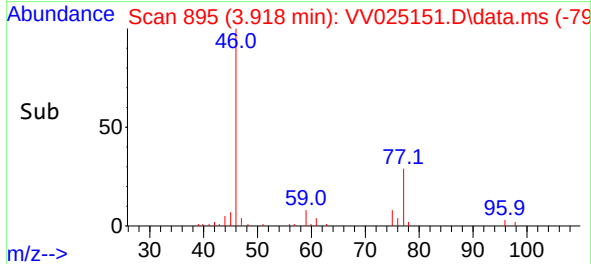
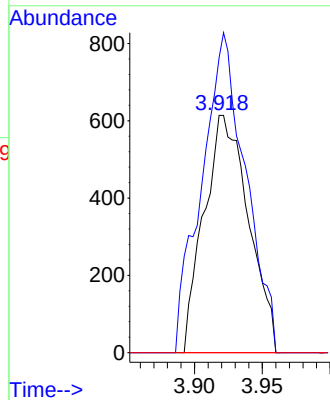
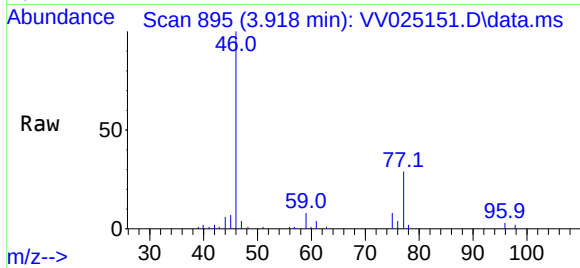
Tgt Ion: 96 Resp: 1403

Ion Ratio Lower Upper

96 100

61 124.3 79.7 147.9

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.356 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.010 min

Lab File: VV025151.D

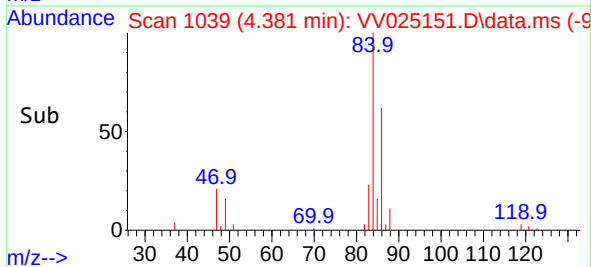
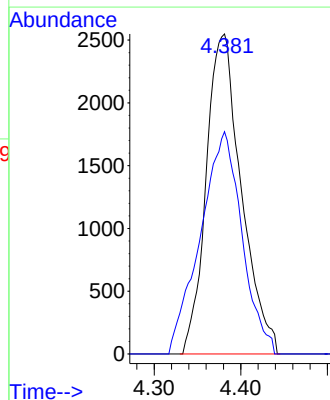
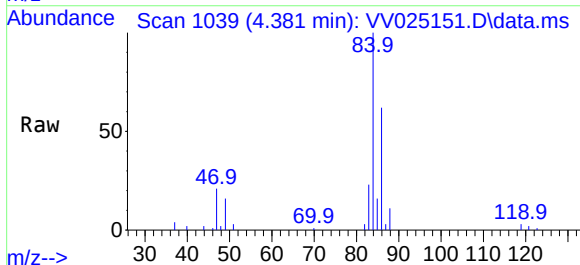
Acq: 24 Mar 2022 15:17

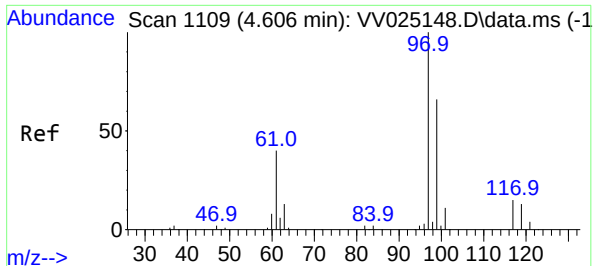
Tgt Ion: 83 Resp: 7192

Ion Ratio Lower Upper

83 100

85 69.5 44.5 82.7





#29

1,1,1-Trichloroethane

Concen: 0.895 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.007 min

Lab File: VV025151.D

Acq: 24 Mar 2022 15:17

Instrument :

MSVOA_V

ClientSampleId :

BFY36

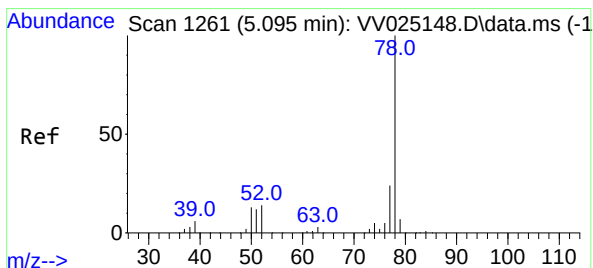
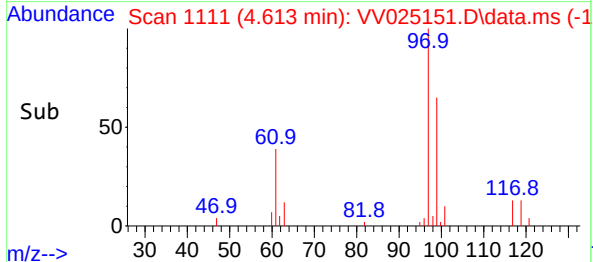
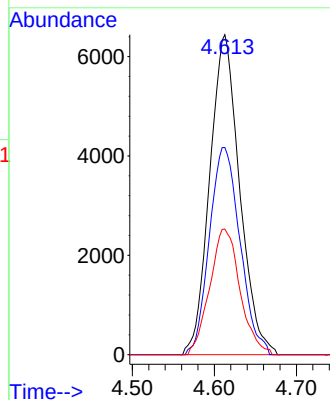
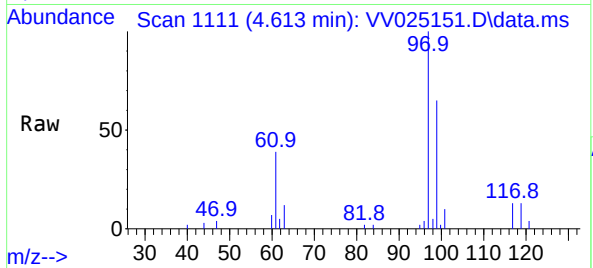
Tgt Ion: 97 Resp: 16333

Ion Ratio Lower Upper

97 100

99 66.2 50.7 76.1

61 39.8 32.4 48.6



#33

Benzene

Concen: 0.084 ug/L

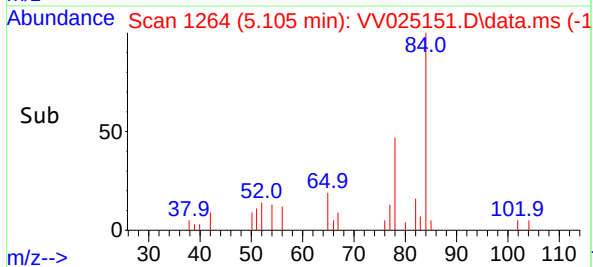
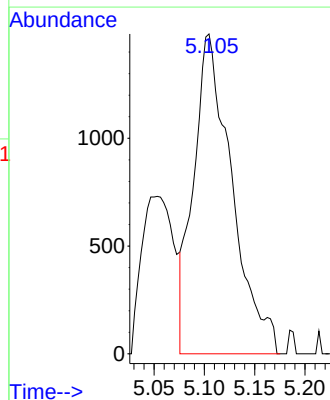
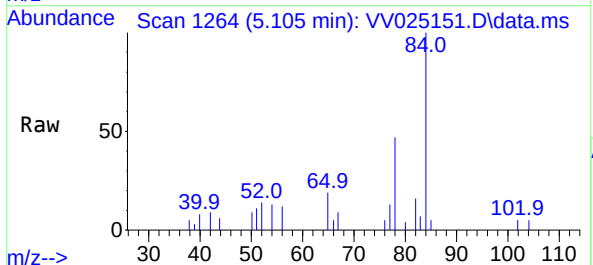
RT: 5.105 min Scan# 1264

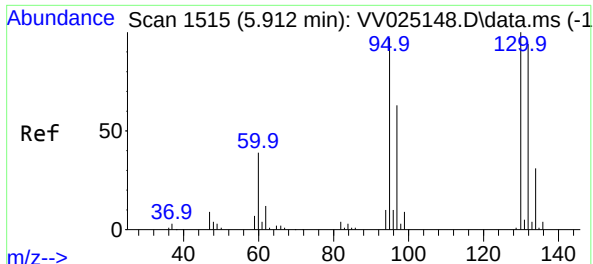
Delta R.T. 0.010 min

Lab File: VV025151.D

Acq: 24 Mar 2022 15:17

Tgt Ion: 78 Resp: 3918





#34

Trichloroethene

Concen: 1.189 ug/L

RT: 5.918 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV025151.D

Acq: 24 Mar 2022 15:17

Instrument :

MSVOA_V

ClientSampleId :

BFY36

Tgt Ion: 95 Resp: 14732

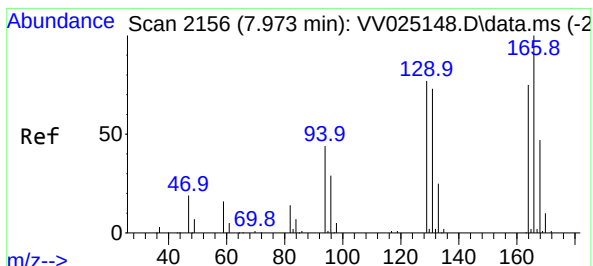
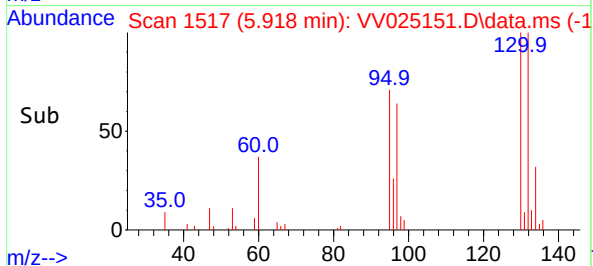
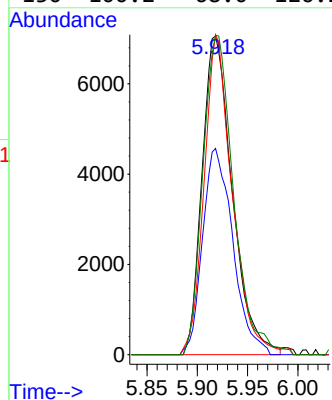
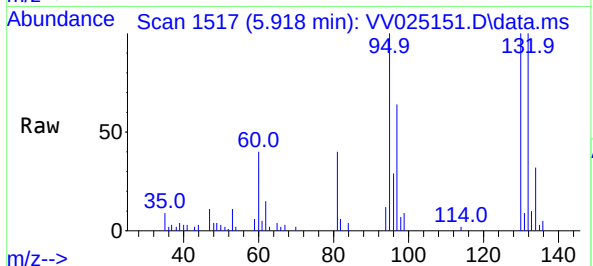
Ion Ratio Lower Upper

95 100

97 64.7 44.5 82.7

132 100.4 66.5 123.5

130 100.2 68.0 126.2



#47

Tetrachloroethene

Concen: 0.564 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.007 min

Lab File: VV025151.D

Acq: 24 Mar 2022 15:17

Tgt Ion:164 Resp: 4919

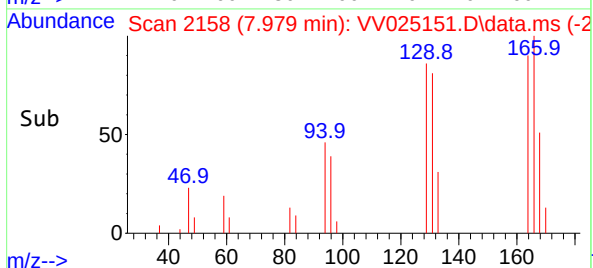
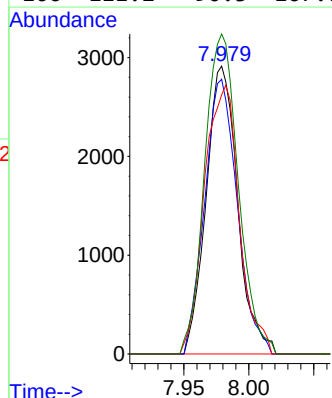
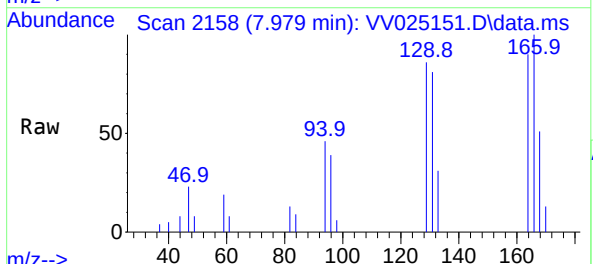
Ion Ratio Lower Upper

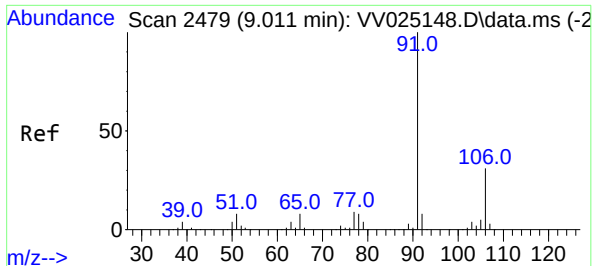
164 100

129 95.4 70.3 130.7

131 90.0 69.4 129.0

166 111.2 90.3 167.7





#52

Ethylbenzene

Concen: 0.041 ug/L

RT: 9.018 min Scan# 2479

Delta R.T. 0.007 min

Lab File: VV025151.D

Acq: 24 Mar 2022 15:17

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MSVOA_V

ClientSampleId :

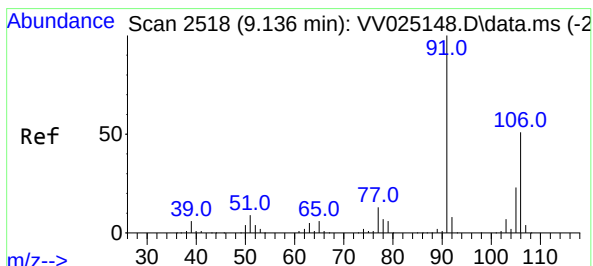
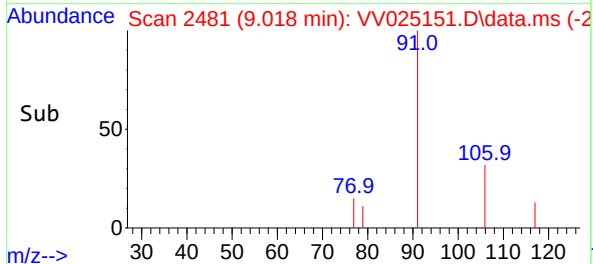
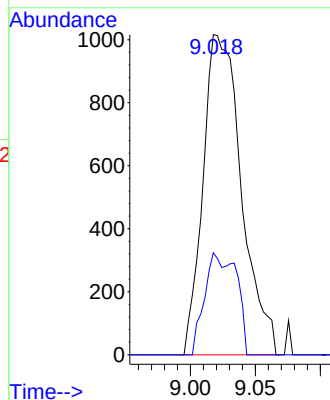
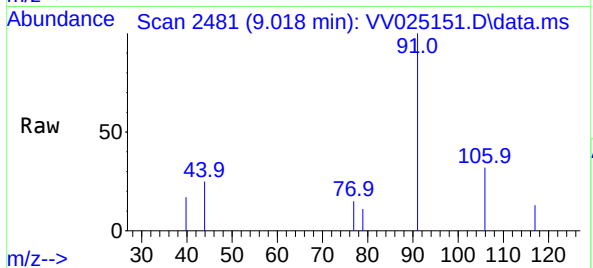
BFY36

Tgt Ion: 91 Resp: 2088

Ion Ratio Lower Upper

91 100

106 31.9 21.9 40.7



#53

m,p-Xylene

Concen: 0.056 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.010 min

Lab File: VV025151.D

Acq: 24 Mar 2022 15:17

Tgt Ion: 106 Resp: 1110

Ion Ratio Lower Upper

106 100

91 196.2 143.4 266.4

