

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021822\
 Data File : VW024757.D
 Acq On : 18 Feb 2022 16:40
 Operator : SY/MD
 Sample : N1545-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY05

Quant Time: Feb 19 00:46:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 19 00:43:23 2022
 Response via : Initial Calibration

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

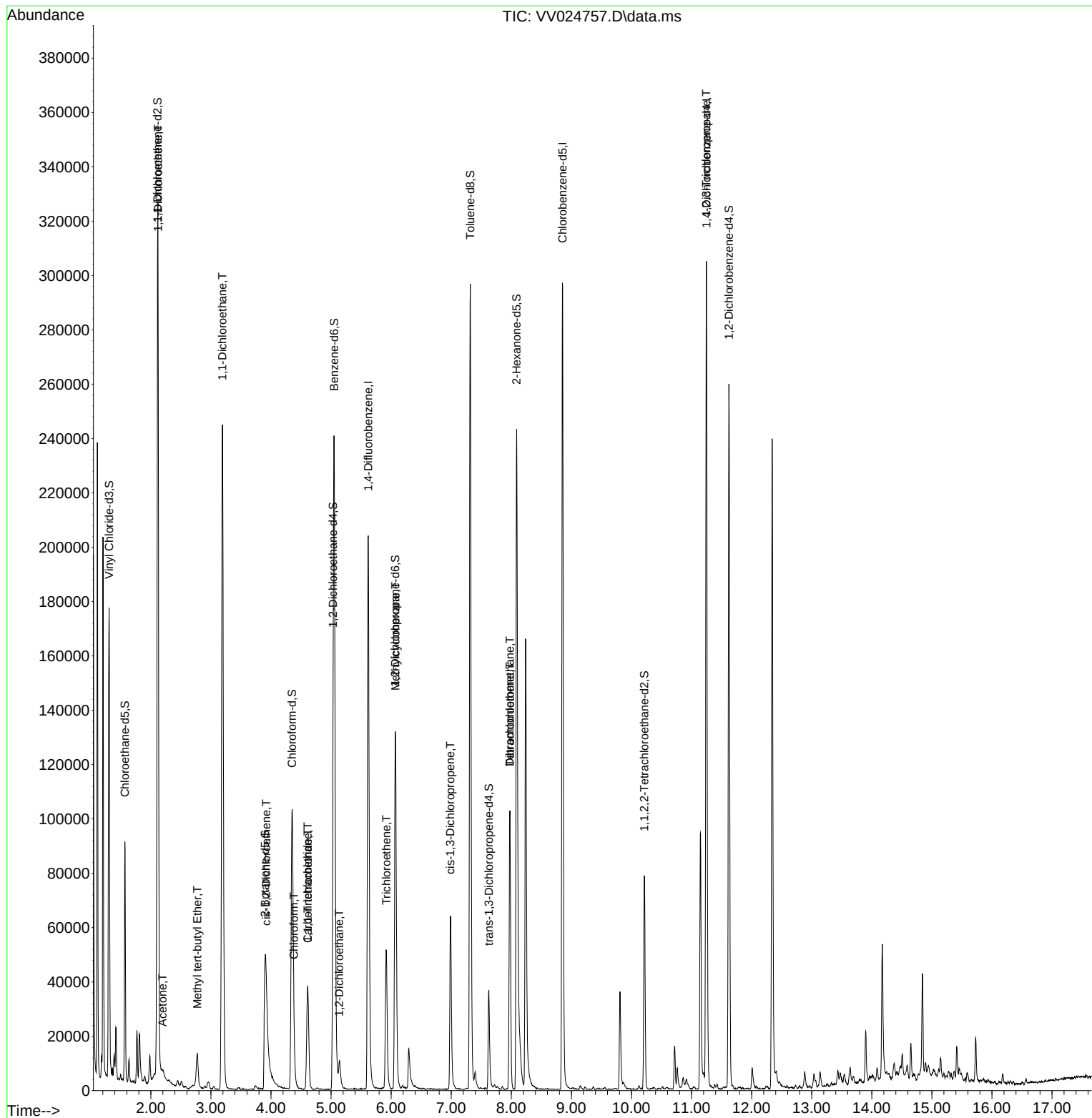
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	178721	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	165214	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74247	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63959	4.219	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.568	69	54329	4.369	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.111	63	119748	4.311	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	3.899	46	101697	46.967	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.940%
24) Chloroform-d	4.349	84	107856	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.034	65	49468	4.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.050	84	225663	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.069	67	67838	4.836	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.317	98	197493	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.625	79	21939	4.695	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.088	63	91362	49.691	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.380%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39666	4.692	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	63311	4.928	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.121	96	66475	4.776	ug/L	94
13) Acetone	2.195	43	6764	4.430	ug/L	86
17) Methyl tert-butyl Ether	2.774	73	12271	0.448	ug/L #	85
19) 1,1-Dichloroethane	3.192	63	252828	10.157	ug/L	99
22) cis-1,2-Dichloroethene	3.918	96	5501	0.383	ug/L	96
25) Chloroform	4.381	83	8943	0.344	ug/L	100
27) 1,2-Dichloroethane	5.137	62	9135	0.658	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	31049	1.400	ug/L	98
31) Carbon tetrachloride	4.613	117	3970	0.213	ug/L	93
34) Trichloroethene	5.918	95	17534	1.183	ug/L	97
35) Methylcyclohexane	6.072	83	15483	0.647	ug/L #	20
39) cis-1,3-Dichloropropene	6.986	75	1672	0.091	ug/L #	57
47) Tetrachloroethene	7.976	164	21427	2.124	ug/L	97
49) Dibromochloromethane	7.976	129	22002	2.306	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	10710	1.592	ug/L #	67

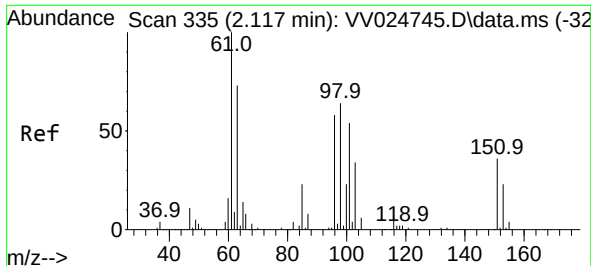
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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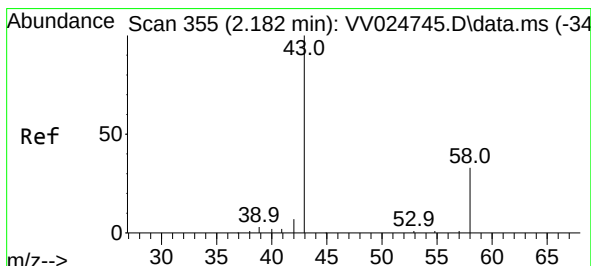
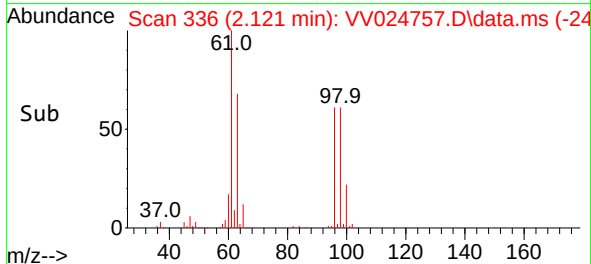
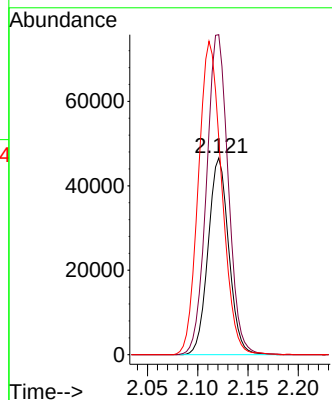
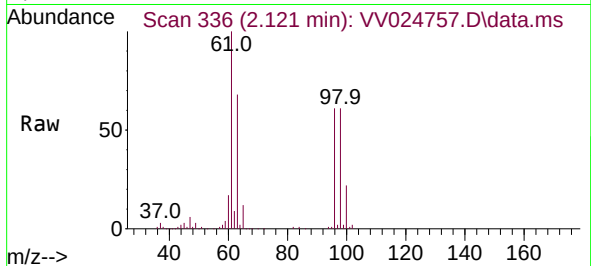




#12
 1,1-Dichloroethene
 Concen: 4.776 ug/L
 RT: 2.121 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VV024757.D
 Acq: 18 Feb 2022 16:40

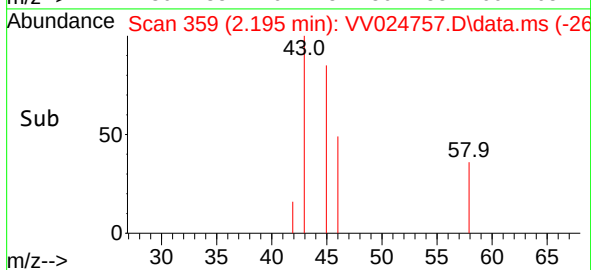
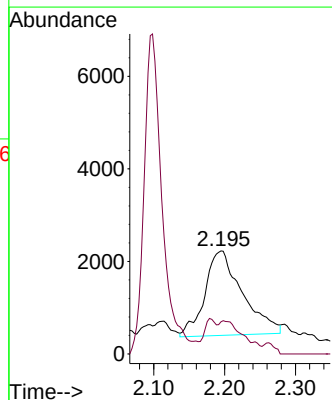
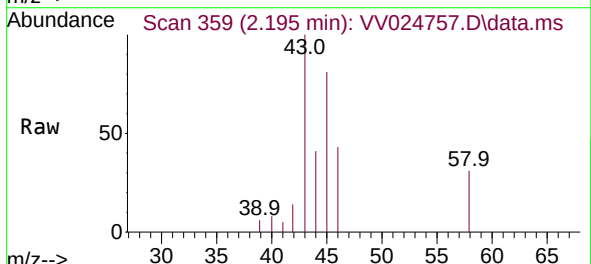
Instrument :
 MSVOA_V
 ClientSampleId :
 BFY05

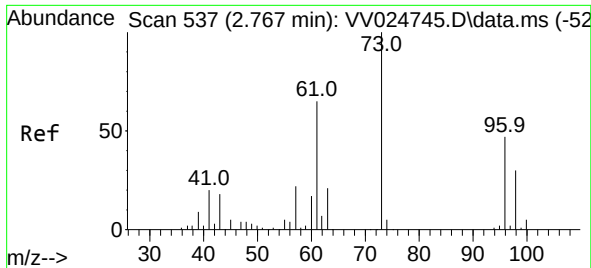
Tgt Ion: 96 Resp: 66475
 Ion Ratio Lower Upper
 96 100
 61 162.7 116.3 216.1
 63 110.1 86.0 159.6



#13
 Acetone
 Concen: 4.430 ug/L
 RT: 2.195 min Scan# 359
 Delta R.T. 0.013 min
 Lab File: VV024757.D
 Acq: 18 Feb 2022 16:40

Tgt Ion: 43 Resp: 6764
 Ion Ratio Lower Upper
 43 100
 58 24.3 0.0 63.6

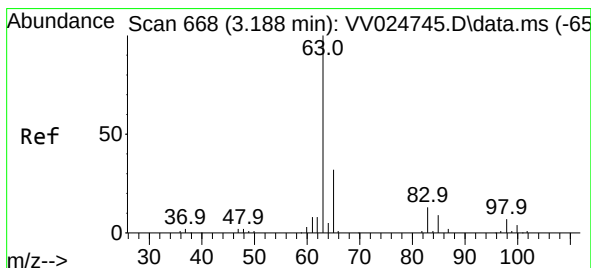
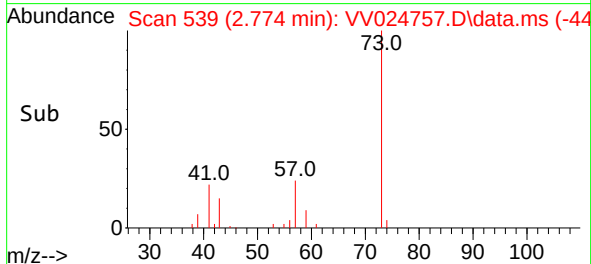
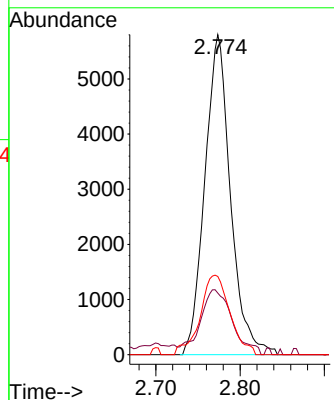
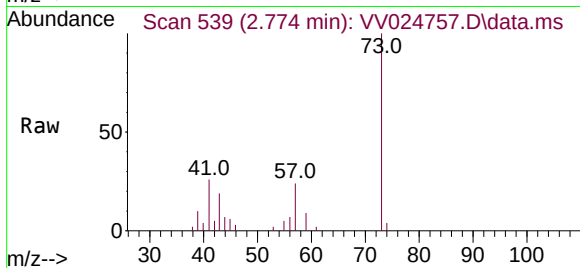




#17
Methyl tert-butyl Ether
Concen: 0.448 ug/L
RT: 2.774 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV024757.D
Acq: 18 Feb 2022 16:40

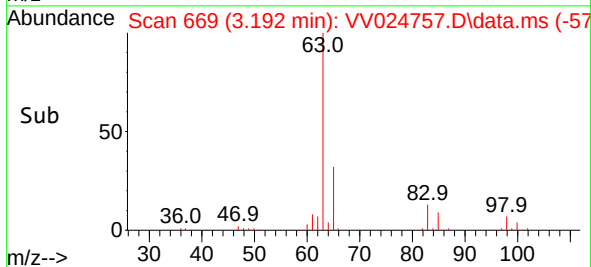
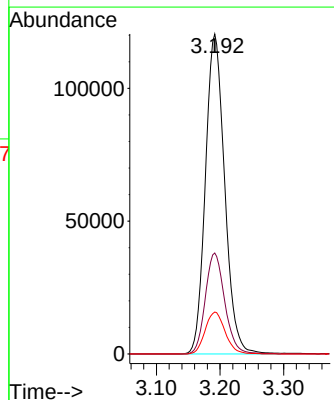
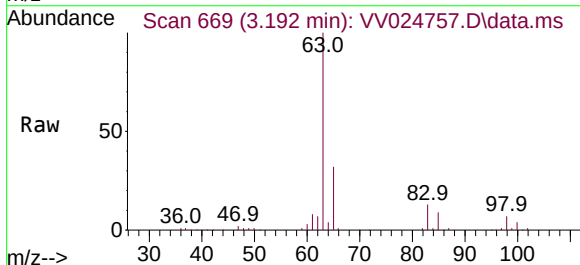
Instrument :
MSVOA_V
ClientSampleId :
BFY05

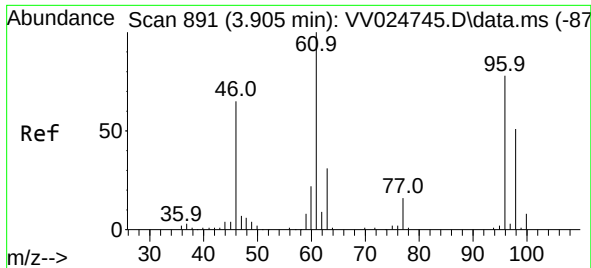
Tgt Ion: 73 Resp: 12271
Ion Ratio Lower Upper
73 100
43 25.6 15.1 22.7#
57 28.8 17.4 26.2#



#19
1,1-Dichloroethane
Concen: 10.157 ug/L
RT: 3.192 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV024757.D
Acq: 18 Feb 2022 16:40

Tgt Ion: 63 Resp: 252828
Ion Ratio Lower Upper
63 100
65 31.5 22.0 40.8
83 13.1 9.5 17.7

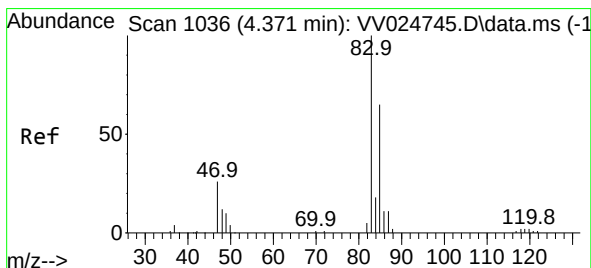
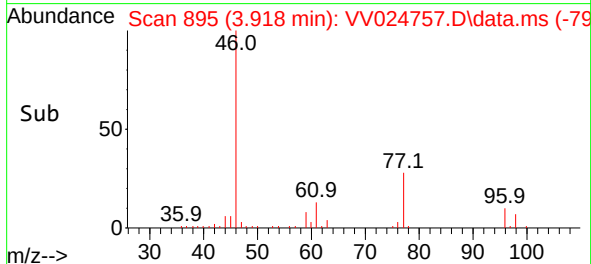
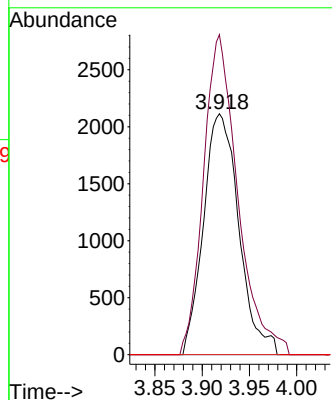
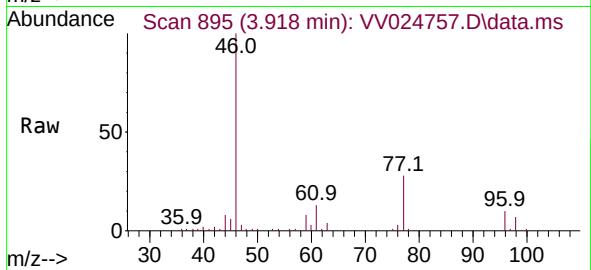




#22
 cis-1,2-Dichloroethene
 Concen: 0.383 ug/L
 RT: 3.918 min Scan# 891
 Delta R.T. 0.013 min
 Lab File: VV024757.D
 Acq: 18 Feb 2022 16:40

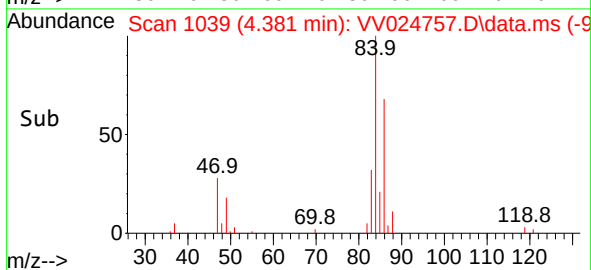
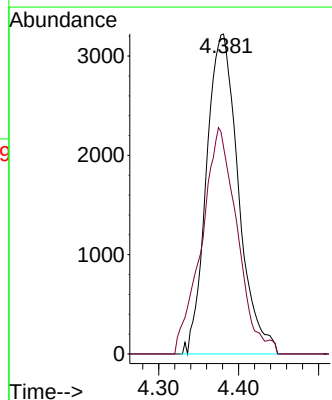
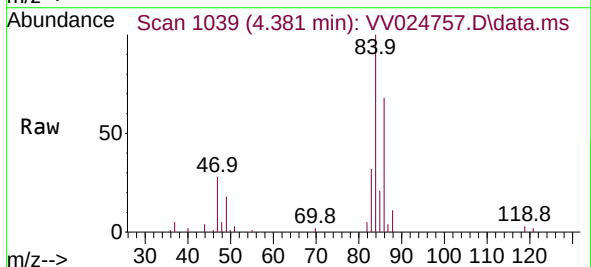
Instrument :
 MSVOA_V
 ClientSampleId :
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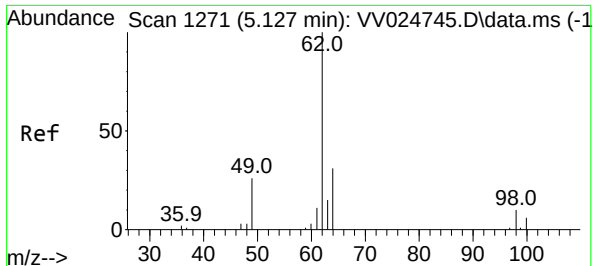
Tgt Ion: 96 Resp: 5501
 Ion Ratio Lower Upper
 96 100
 61 132.8 89.7 166.5
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.344 ug/L
 RT: 4.381 min Scan# 1039
 Delta R.T. 0.010 min
 Lab File: VV024757.D
 Acq: 18 Feb 2022 16:40

Tgt Ion: 83 Resp: 8943
 Ion Ratio Lower Upper
 83 100
 85 64.6 45.5 84.5





#27

1,2-Dichloroethane

Concen: 0.658 ug/L

RT: 5.137 min Scan# 1110

Delta R.T. 0.010 min

Lab File: VV024757.D

Acq: 18 Feb 2022 16:40

Instrument :

MSVOA_V

ClientSampleId :

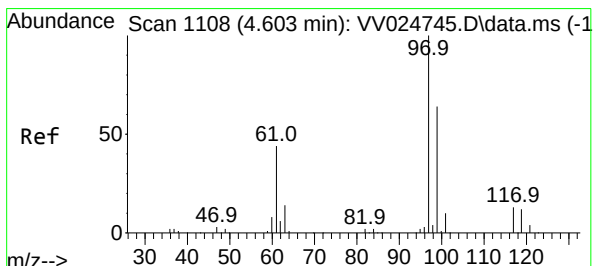
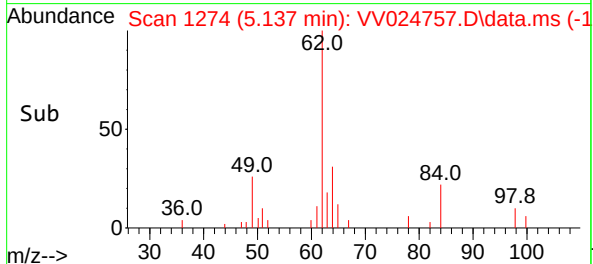
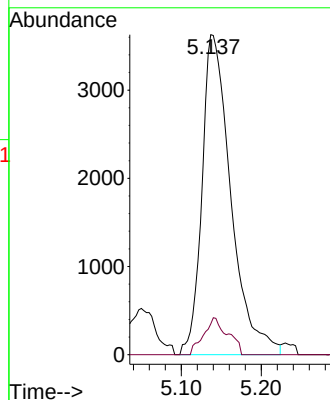
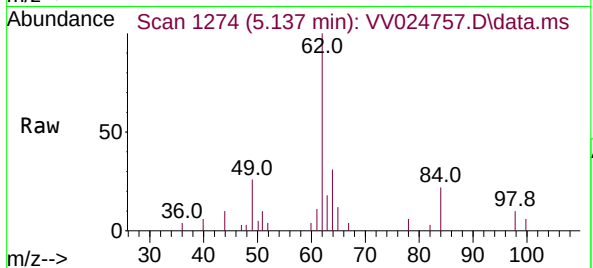
BFY05

Tgt Ion: 62 Resp: 9135

Ion Ratio Lower Upper

62 100

98 9.6 8.2 12.2



#29

1,1,1-Trichloroethane

Concen: 1.400 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.007 min

Lab File: VV024757.D

Acq: 18 Feb 2022 16:40

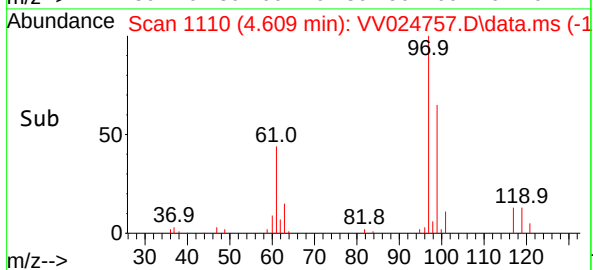
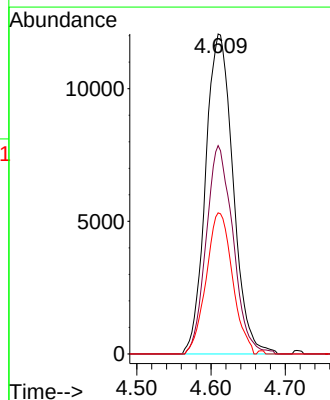
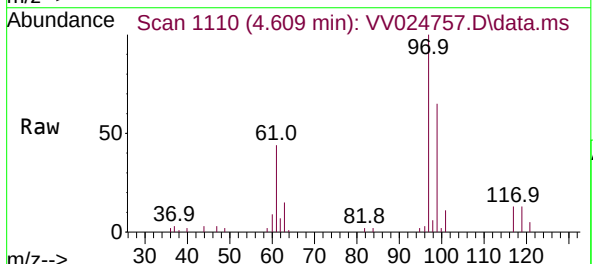
Tgt Ion: 97 Resp: 31049

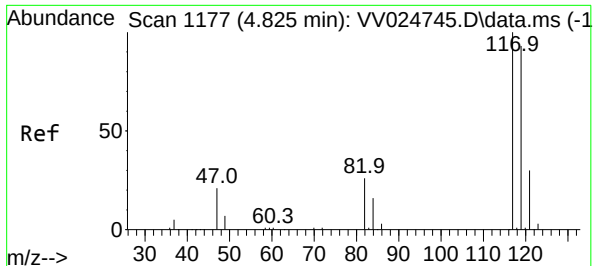
Ion Ratio Lower Upper

97 100

99 63.5 50.5 75.7

61 42.1 35.8 53.6

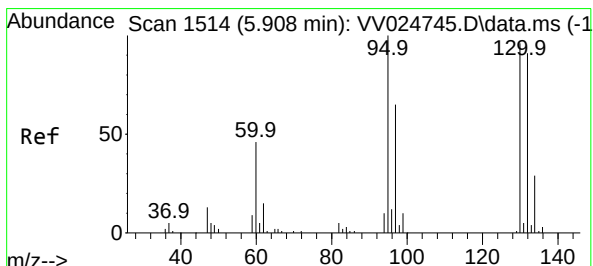
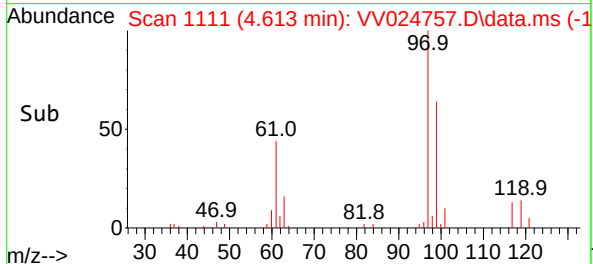
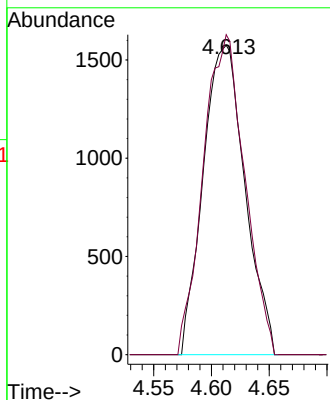
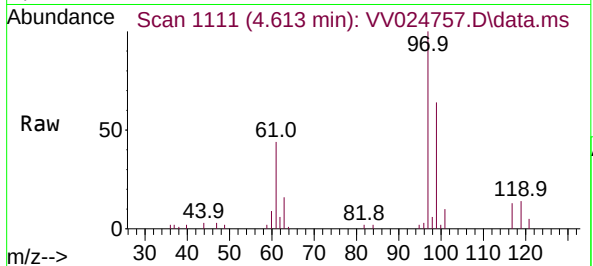




#31
Carbon tetrachloride
Concen: 0.213 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. -0.212 min
Lab File: VV024757.D
Acq: 18 Feb 2022 16:40

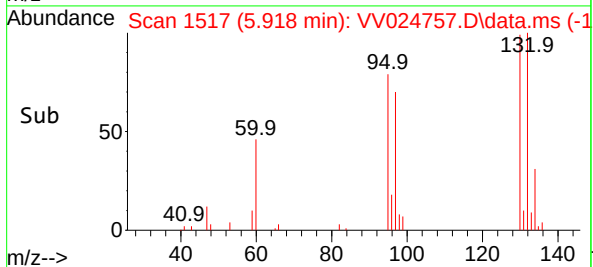
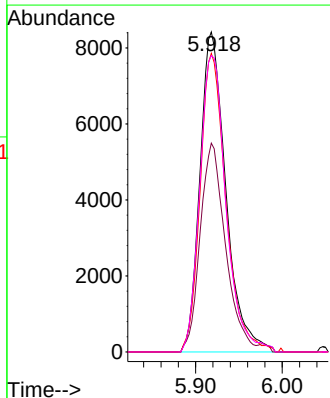
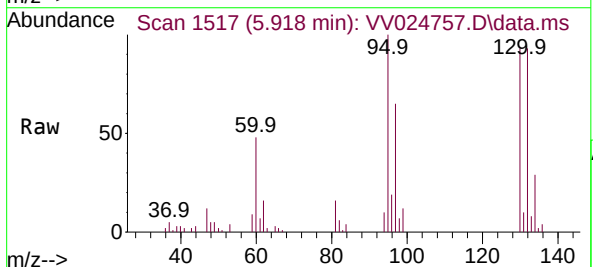
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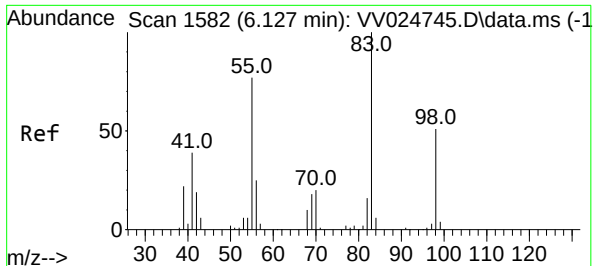
Tgt Ion:117 Resp: 3970
Ion Ratio Lower Upper
117 100
119 102.4 76.6 115.0



#34
Trichloroethene
Concen: 1.183 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV024757.D
Acq: 18 Feb 2022 16:40

Tgt Ion: 95 Resp: 17534
Ion Ratio Lower Upper
95 100
97 65.3 44.2 82.0
132 93.3 62.1 115.3
130 92.6 65.8 122.2





#35

Methylcyclohexane

Concen: 0.647 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.054 min

Lab File: VV024757.D

Acq: 18 Feb 2022 16:40

Instrument :

MSVOA_V

ClientSampleId :

BFY05

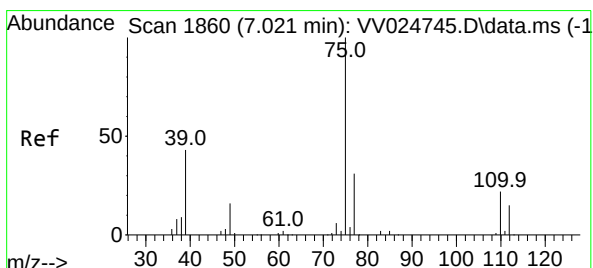
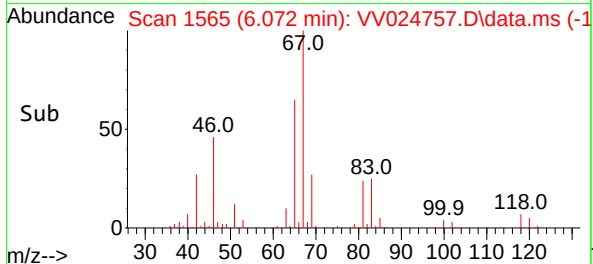
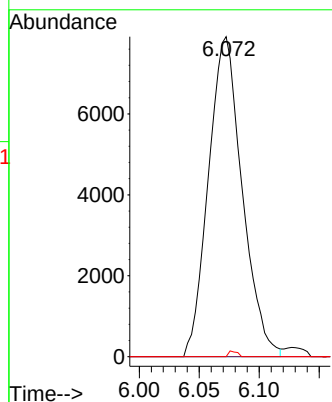
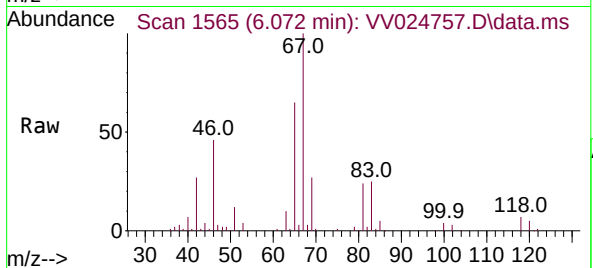
Tgt Ion: 83 Resp: 15483

Ion Ratio Lower Upper

83 100

55 1.4 58.8 88.2#

98 0.5 38.6 58.0#



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.035 min

Lab File: VV024757.D

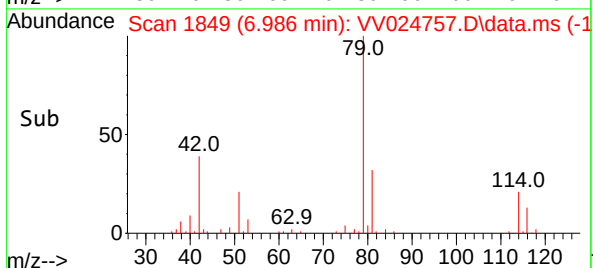
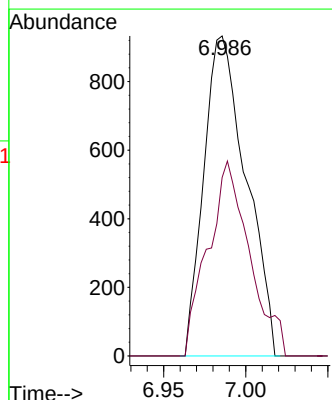
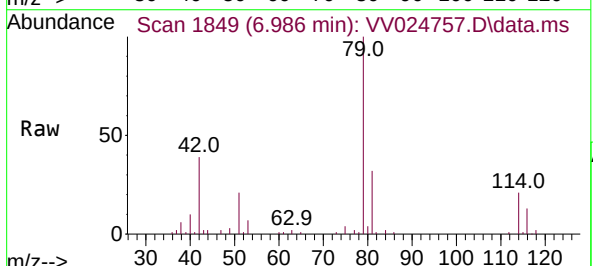
Acq: 18 Feb 2022 16:40

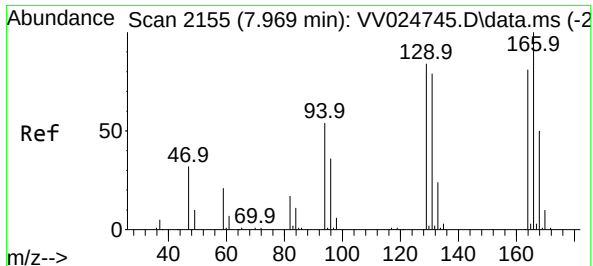
Tgt Ion: 75 Resp: 1672

Ion Ratio Lower Upper

75 100

77 55.7 22.3 41.5#





#47

Tetrachloroethene

Concen: 2.124 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.007 min

Lab File: VV024757.D

Acq: 18 Feb 2022 16:40

Instrument :

MSVOA_V

ClientSampleId :

BFY05

Tgt Ion:164 Resp: 21427

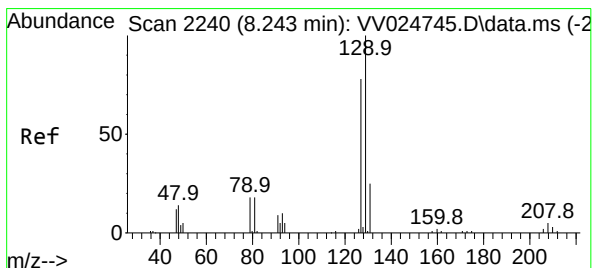
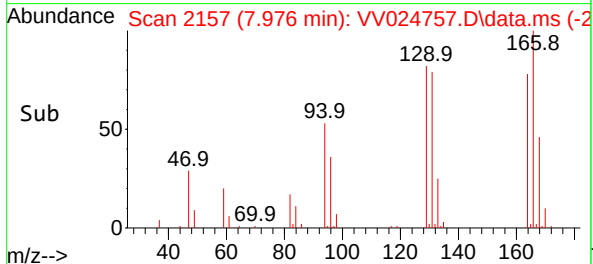
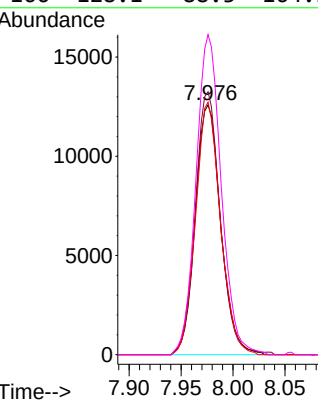
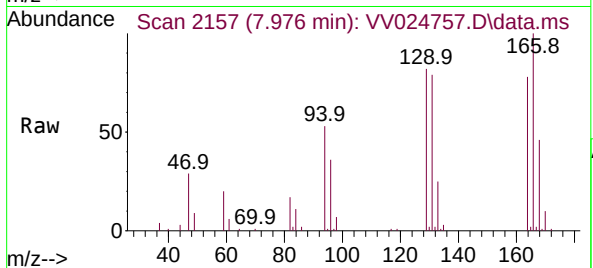
Ion Ratio Lower Upper

164 100

129 105.3 70.3 130.7

131 101.0 67.7 125.7

166 128.1 88.3 164.1



#49

Dibromochloromethane

Concen: 2.306 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV024757.D

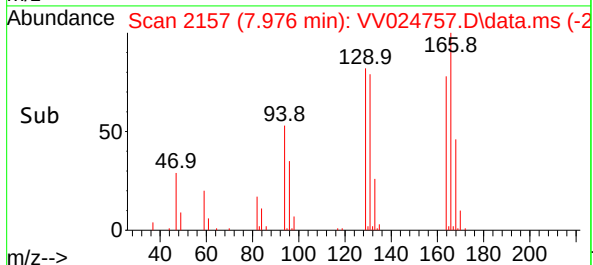
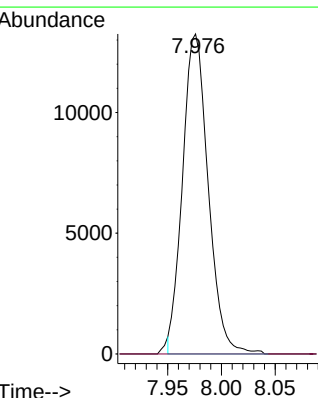
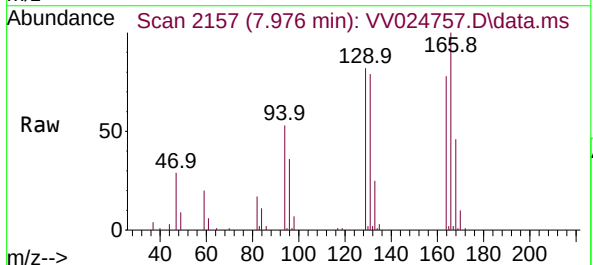
Acq: 18 Feb 2022 16:40

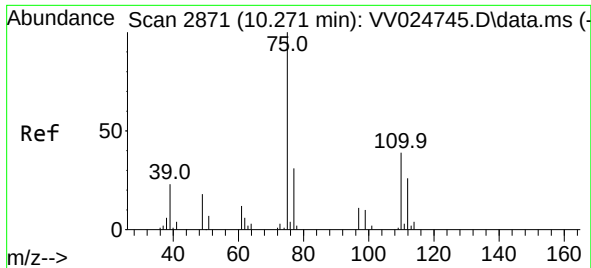
Tgt Ion:129 Resp: 22002

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.592 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV024757.D
 Acq: 18 Feb 2022 16:40

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY05

Tgt Ion: 75 Resp: 10710
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.3 39.5
 110 2.2 30.3 45.5#

