

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021822\
 Data File : VW024759.D
 Acq On : 18 Feb 2022 17:27
 Operator : SY/MD
 Sample : N1545-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY07

Quant Time: Feb 19 00:46:37 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)

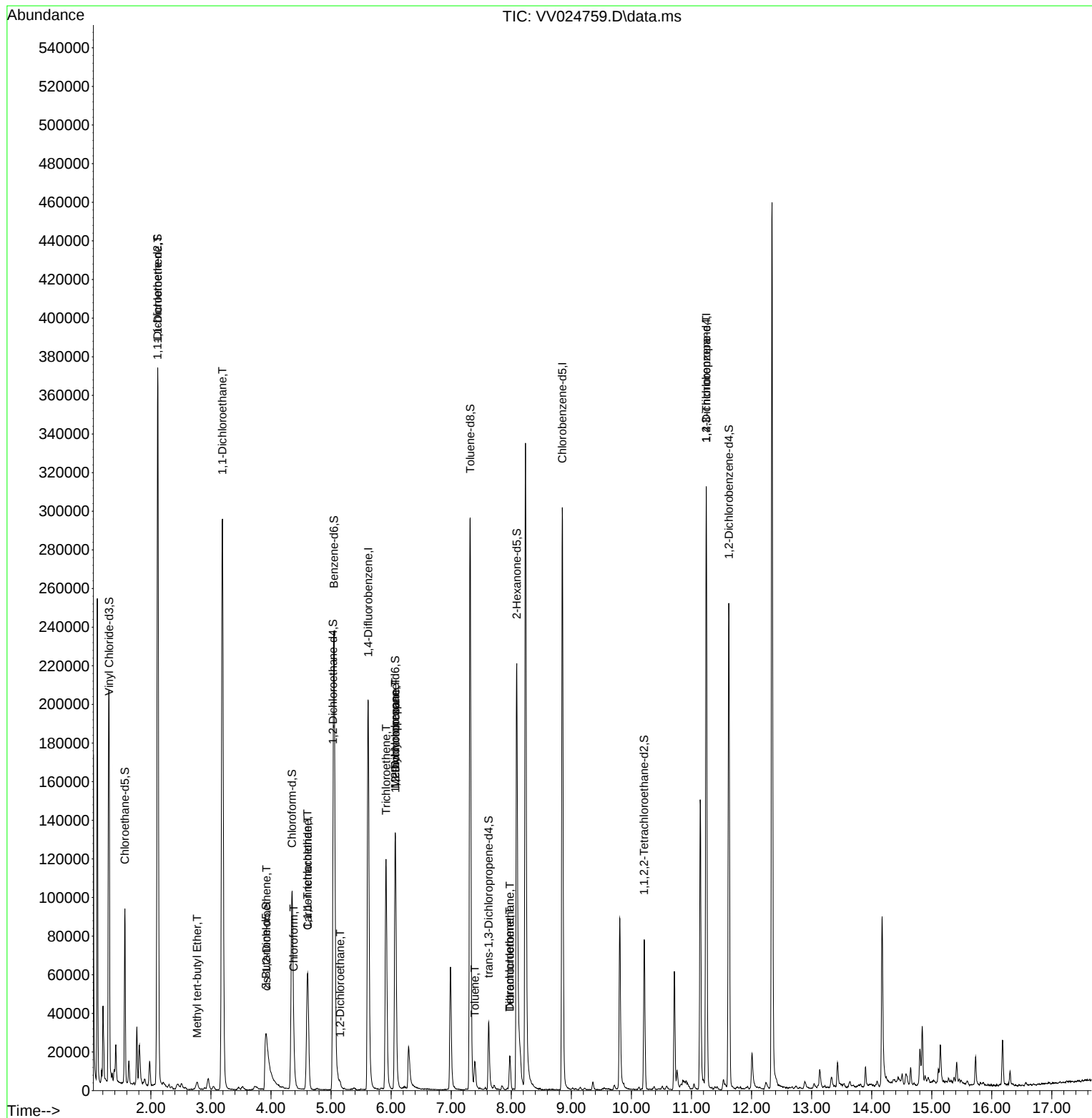
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	181474	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	166013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	75960	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63513	4.126	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.568	69	54833	4.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.111	63	127308	4.513	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	3.918	46	85699	38.979	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.960%
24) Chloroform-d	4.349	84	108139	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.034	65	48447	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.050	84	224521	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.069	67	68306	4.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.317	98	196330	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.625	79	21811	4.645	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.092	63	88760	48.043	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.080%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39241	4.620	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	62016	4.718	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	81877	5.794	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	2695	0.097	ug/L #	57
19) 1,1-Dichloroethane	3.191	63	307757	12.176	ug/L	99
22) cis-1,2-Dichloroethene	3.925	96	387	0.027	ug/L	86
25) Chloroform	4.378	83	9548	0.362	ug/L	91
27) 1,2-Dichloroethane	5.150	62	3148	0.223	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	50442	2.264	ug/L	97
31) Carbon tetrachloride	4.613	117	6358	0.339	ug/L	100
34) Trichloroethene	5.915	95	37620	2.527	ug/L	98
35) Methylcyclohexane	6.069	83	15830	0.658	ug/L #	23
37) 1,2-Dichloropropane	6.072	63	7226	0.544	ug/L #	86
42) Toluene	7.394	91	12013	0.201	ug/L	97
47) Tetrachloroethene	7.976	164	3808	0.376	ug/L	92
49) Dibromochloromethane	7.979	129	3912	0.408	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	10086	1.465	ug/L #	68

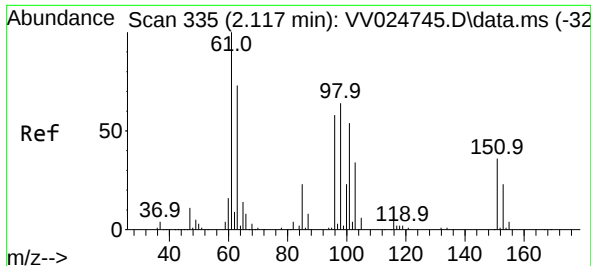
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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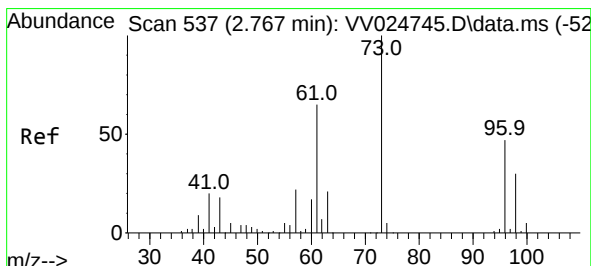
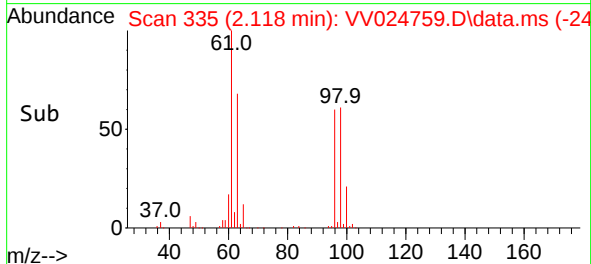
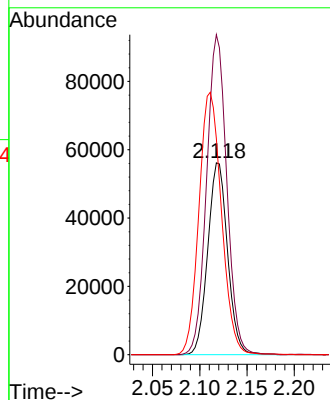
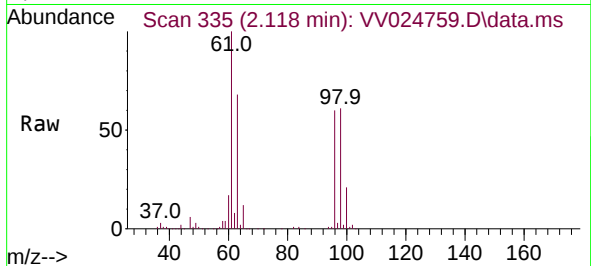




#12
1,1-Dichloroethene
Concen: 5.794 ug/L
RT: 2.118 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV024759.D
Acq: 18 Feb 2022 17:27

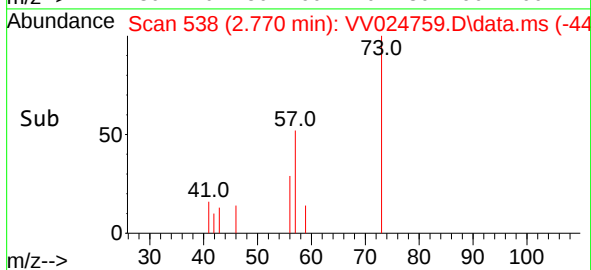
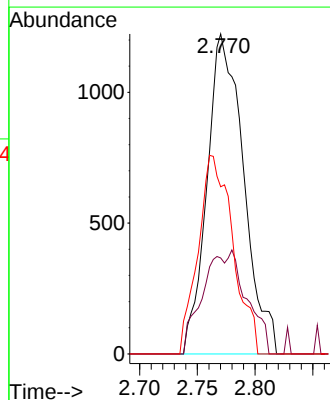
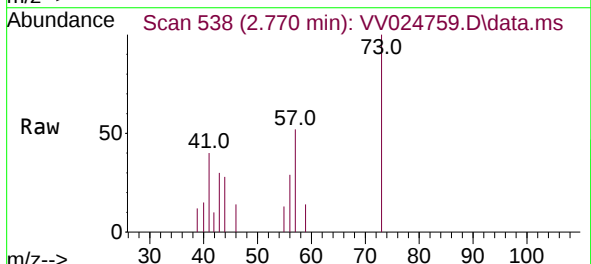
Instrument :
MSVOA_V
ClientSampleId :
BFY07

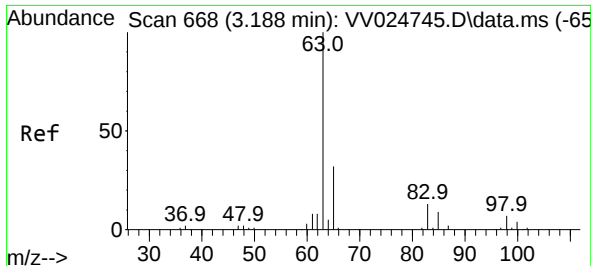
Tgt Ion: 96 Resp: 81877
Ion Ratio Lower Upper
96 100
61 166.8 116.3 216.1
63 112.6 86.0 159.6



#17
Methyl tert-butyl Ether
Concen: 0.097 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV024759.D
Acq: 18 Feb 2022 17:27

Tgt Ion: 73 Resp: 2695
Ion Ratio Lower Upper
73 100
43 20.4 15.1 22.7
57 58.9 17.4 26.2#





#19

1,1-Dichloroethane

Concen: 12.176 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024759.D

Acq: 18 Feb 2022 17:27

Instrument :

MSVOA_V

ClientSampleId :

BFY07

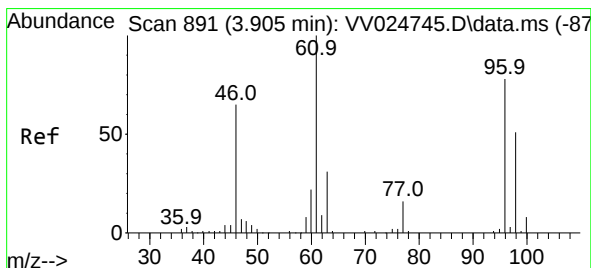
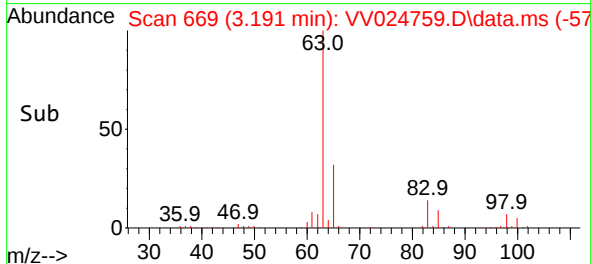
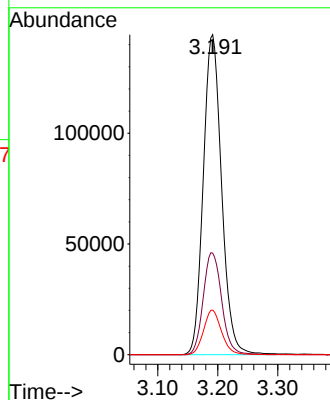
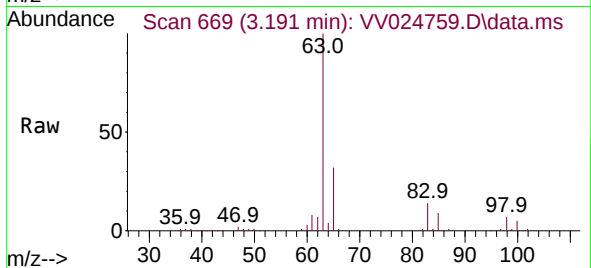
Tgt Ion: 63 Resp: 307757

Ion Ratio Lower Upper

63 100

65 31.7 22.0 40.8

83 13.9 9.5 17.7



#22

cis-1,2-Dichloroethene

Concen: 0.027 ug/L

RT: 3.925 min Scan# 897

Delta R.T. 0.019 min

Lab File: VV024759.D

Acq: 18 Feb 2022 17:27

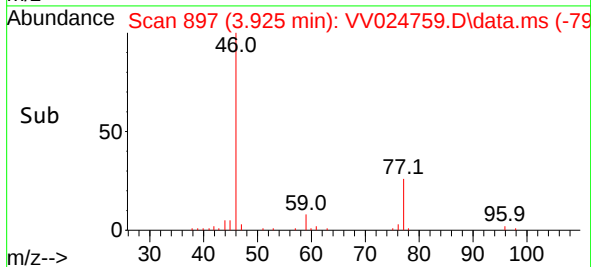
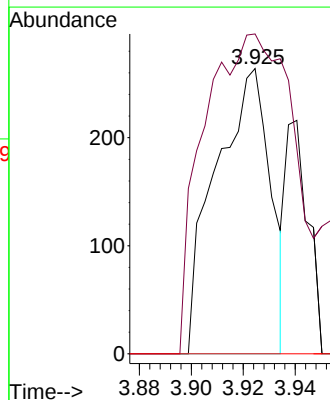
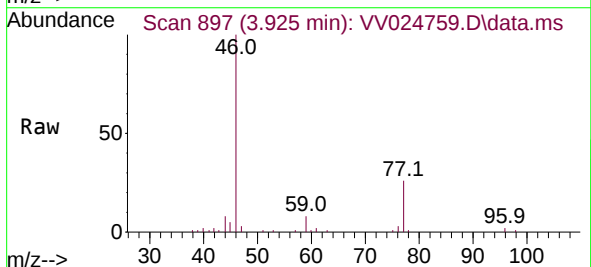
Tgt Ion: 96 Resp: 387

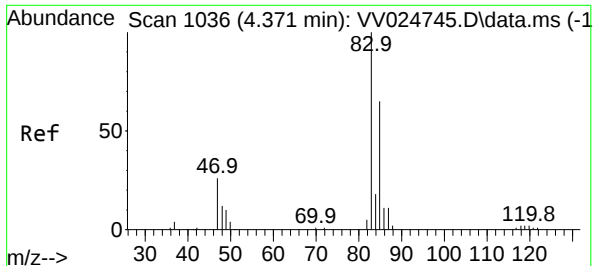
Ion Ratio Lower Upper

96 100

61 112.1 89.7 166.5

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.362 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VV024759.D

Acq: 18 Feb 2022 17:27

Instrument :

MSVOA_V

ClientSampleId :

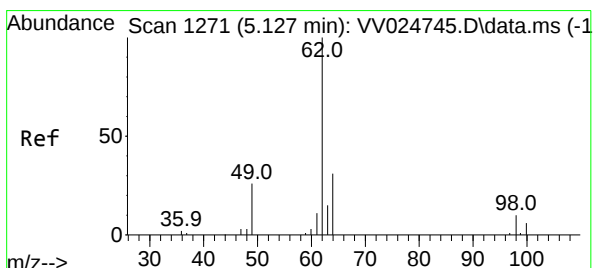
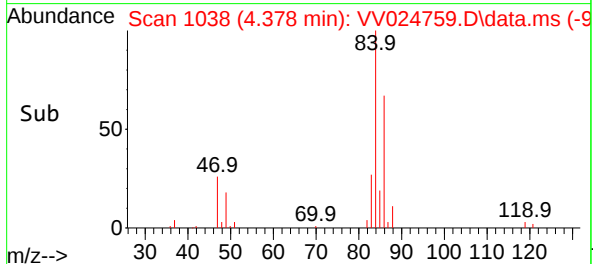
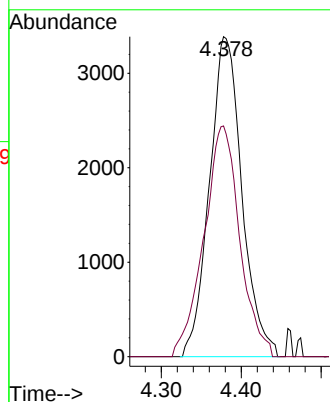
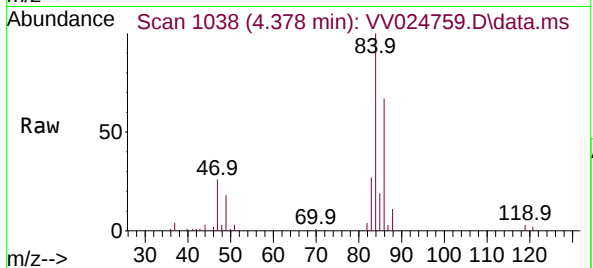
BFY07

Tgt Ion: 83 Resp: 9548

Ion Ratio Lower Upper

83 100

85 72.1 45.5 84.5



#27

1,2-Dichloroethane

Concen: 0.223 ug/L

RT: 5.150 min Scan# 1278

Delta R.T. 0.023 min

Lab File: VV024759.D

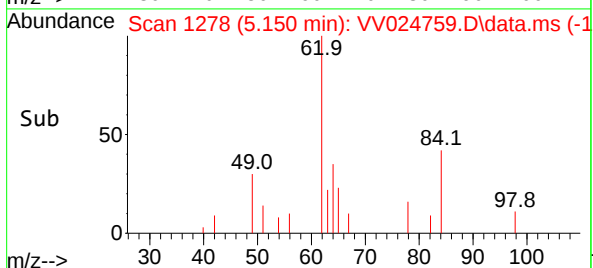
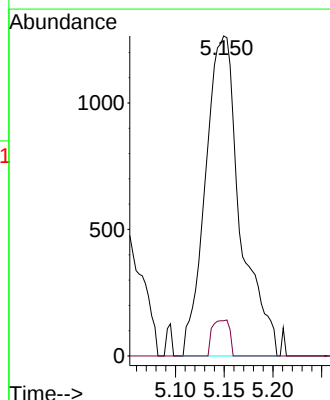
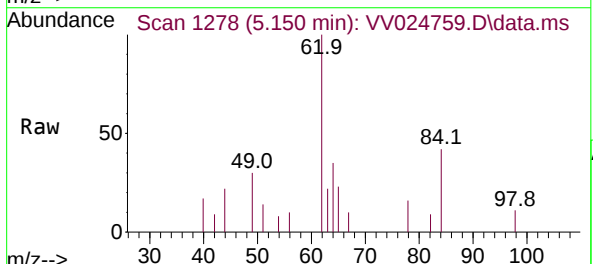
Acq: 18 Feb 2022 17:27

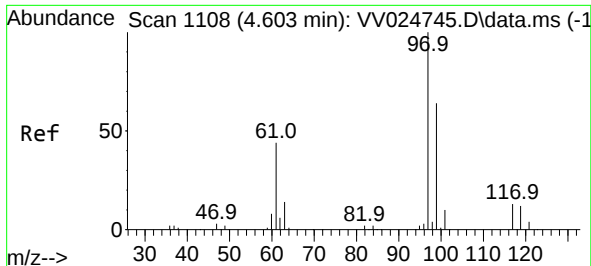
Tgt Ion: 62 Resp: 3148

Ion Ratio Lower Upper

62 100

98 11.0 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 2.264 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.007 min

Lab File: VV024759.D

Acq: 18 Feb 2022 17:27

Instrument :

MSVOA_V

ClientSampleId :

BFY07

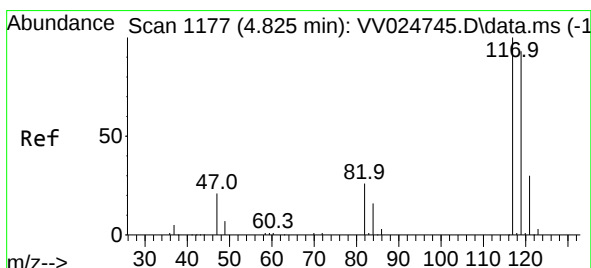
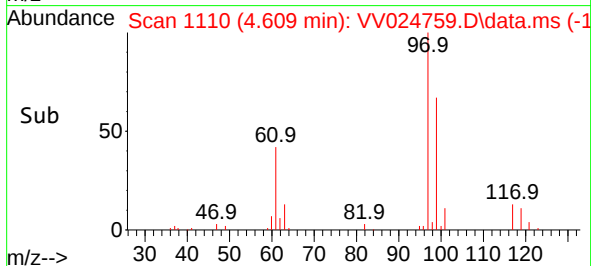
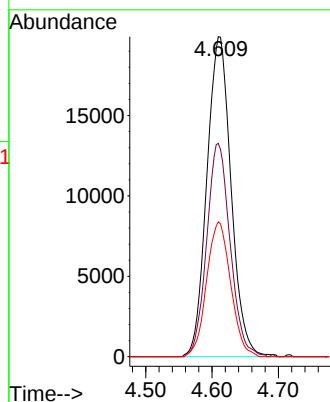
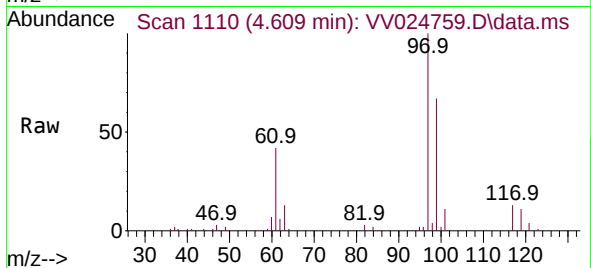
Tgt Ion: 97 Resp: 50442

Ion Ratio Lower Upper

97 100

99 64.7 50.5 75.7

61 41.8 35.8 53.6



#31

Carbon tetrachloride

Concen: 0.339 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. -0.212 min

Lab File: VV024759.D

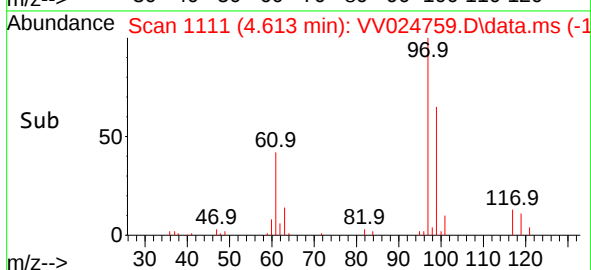
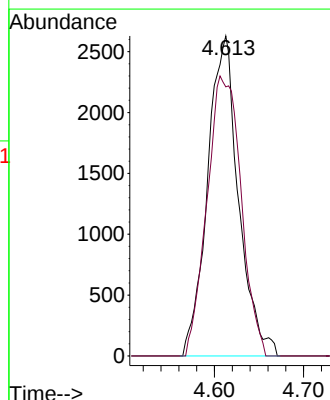
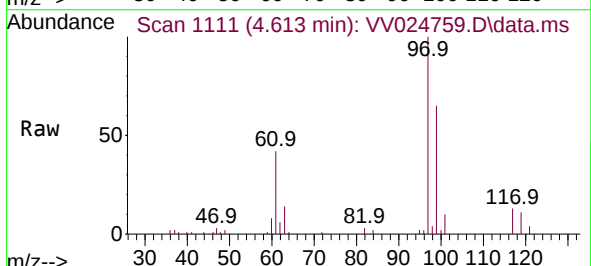
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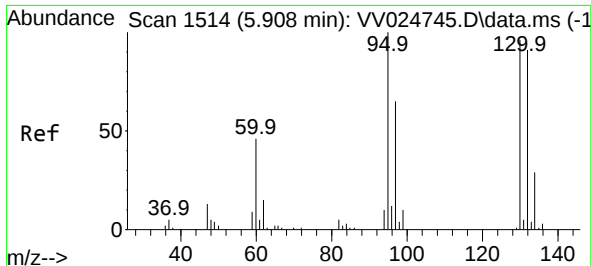
Tgt Ion: 117 Resp: 6358

Ion Ratio Lower Upper

117 100

119 96.0 76.6 115.0

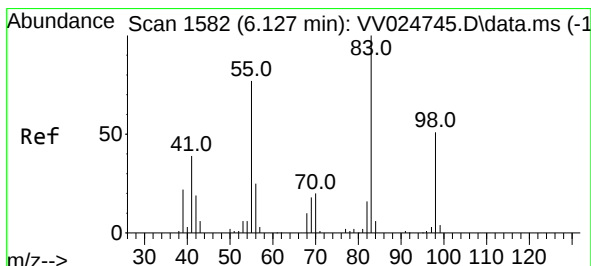
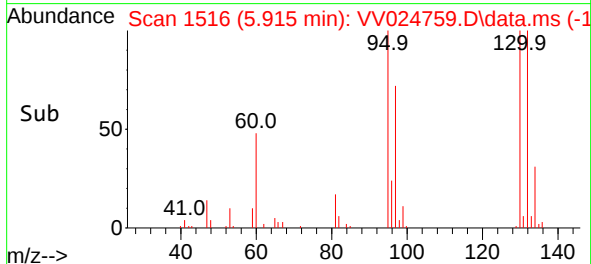
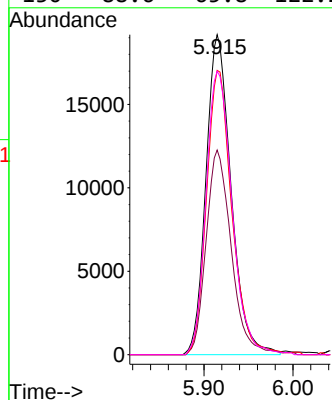
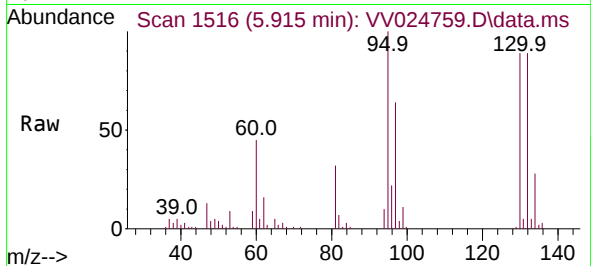




#34
Trichloroethene
Concen: 2.527 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VV024759.D
Acq: 18 Feb 2022 17:27

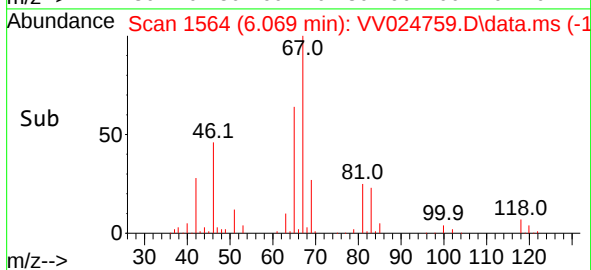
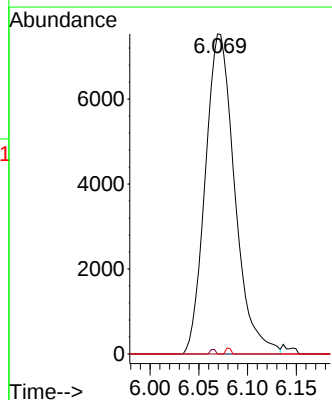
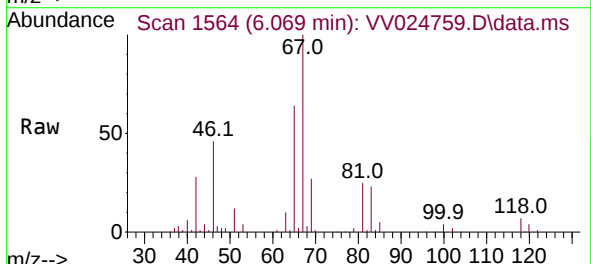
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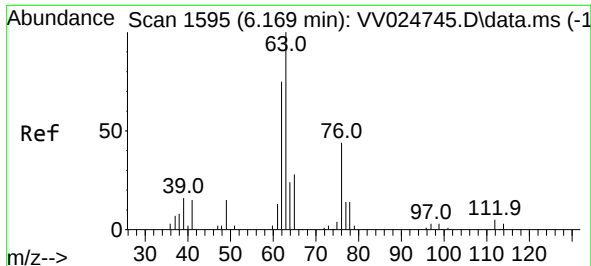
Tgt Ion: 95 Resp: 37620
Ion Ratio Lower Upper
95 100
97 64.0 44.2 82.0
132 88.9 62.1 115.3
130 88.6 65.8 122.2



#35
Methylcyclohexane
Concen: 0.658 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV024759.D
Acq: 18 Feb 2022 17:27

Tgt Ion: 83 Resp: 15830
Ion Ratio Lower Upper
83 100
55 5.9 58.8 88.2#
98 0.0 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.544 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV024759.D

Acq: 18 Feb 2022 17:27

Instrument :

MSVOA_V

ClientSampleId :

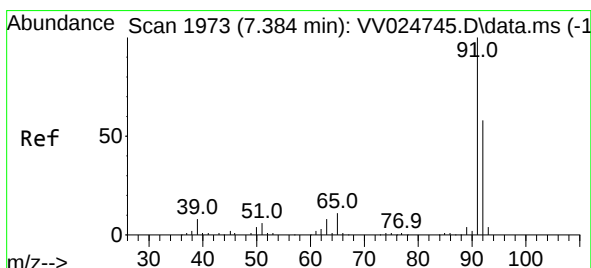
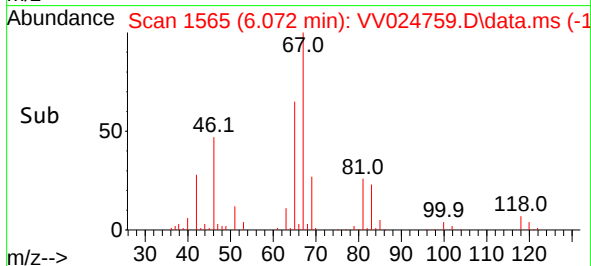
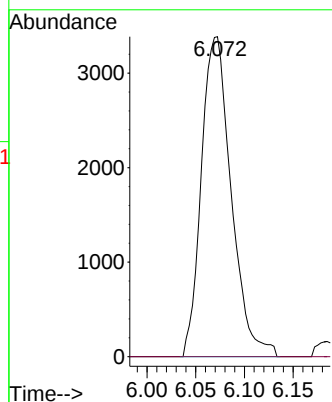
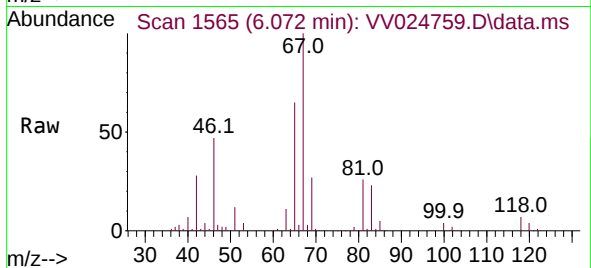
BFY07

Tgt Ion: 63 Resp: 7226

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#42

Toluene

Concen: 0.201 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV024759.D

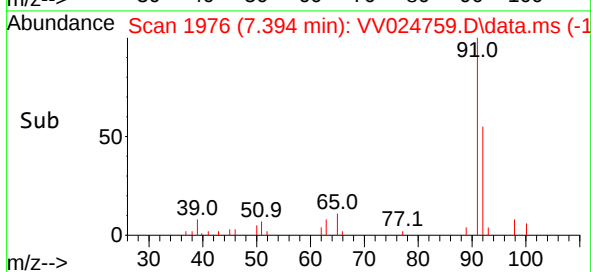
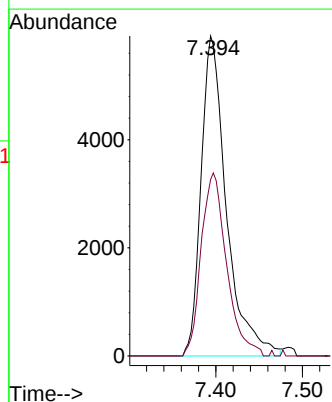
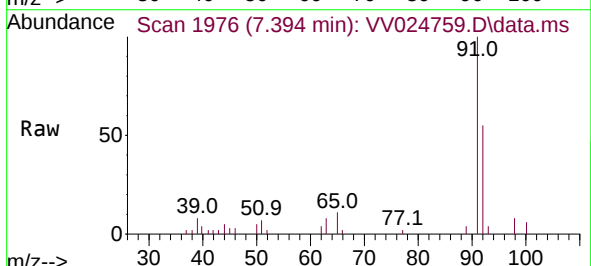
Acq: 18 Feb 2022 17:27

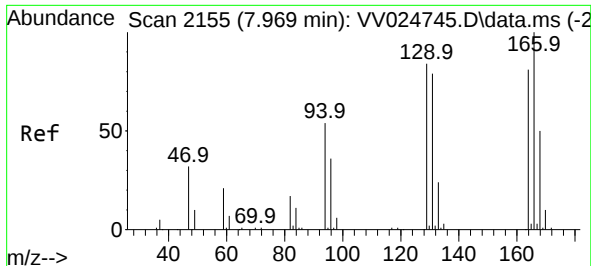
Tgt Ion: 91 Resp: 12013

Ion Ratio Lower Upper

91 100

92 55.2 40.3 74.9

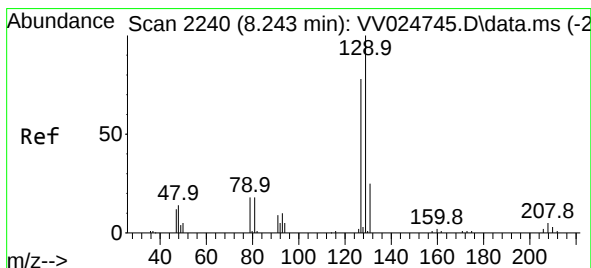
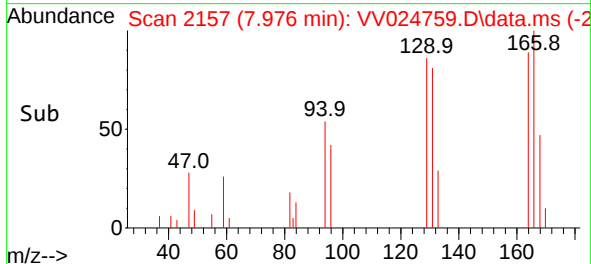
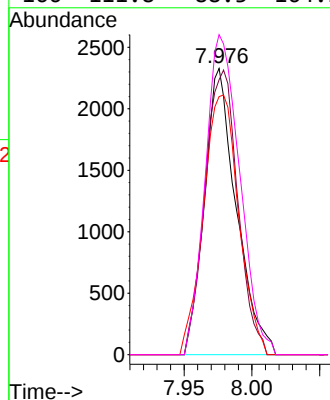
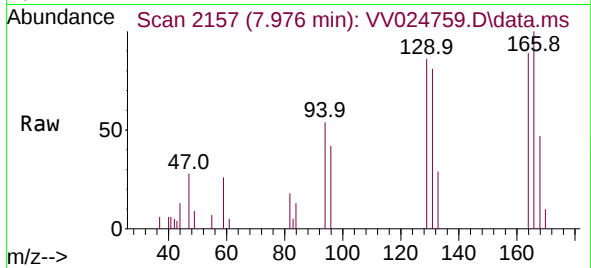




#47
Tetrachloroethene
Concen: 0.376 ug/L
RT: 7.976 min Scan# 2155
Delta R.T. 0.007 min
Lab File: VV024759.D
Acq: 18 Feb 2022 17:27

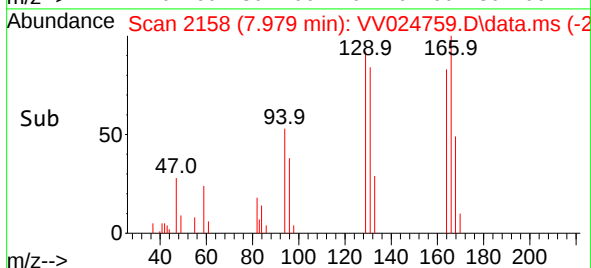
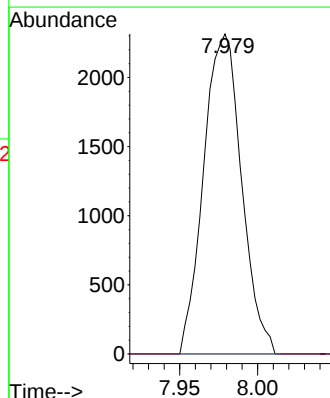
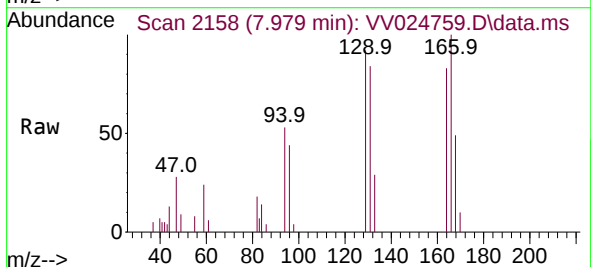
Instrument :
MSVOA_V
ClientSampleId :
BFY07

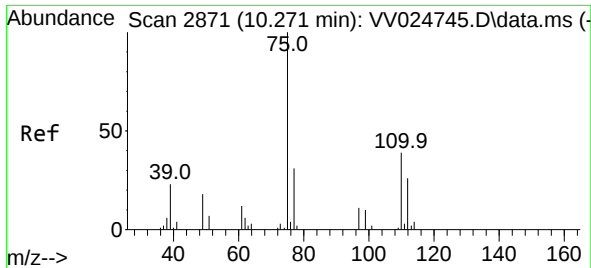
Tgt Ion:164 Resp: 3808
Ion Ratio Lower Upper
164 100
129 96.0 70.3 130.7
131 90.1 67.7 125.7
166 111.8 88.3 164.1



#49
Dibromochloromethane
Concen: 0.408 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.264 min
Lab File: VV024759.D
Acq: 18 Feb 2022 17:27

Tgt Ion:129 Resp: 3912
Ion Ratio Lower Upper
129 100
127 0.0 53.6 99.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.465 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV024759.D
 Acq: 18 Feb 2022 17:27

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY07

Tgt Ion:	75	Resp:	10086
Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.3	39.5
110	3.2	30.3	45.5#

