

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041122\
 Data File : VW025448.D
 Acq On : 11 Apr 2022 14:25
 Operator : SY/MD
 Sample : N2319-05DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 12 07:06:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 12 07:03:45 2022
 Response via : Initial Calibration

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

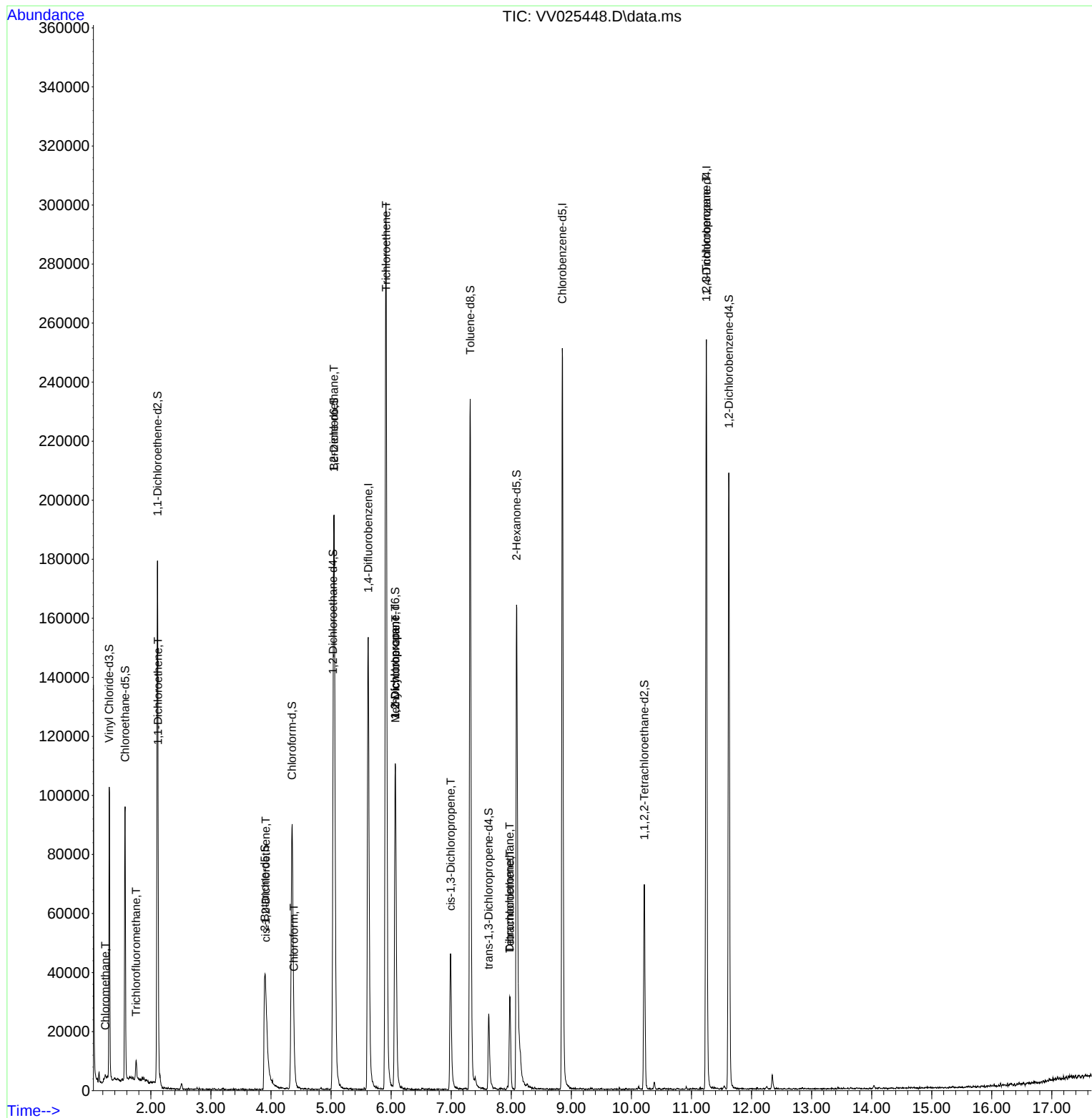
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137238	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	139374	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65091	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61953	4.856	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.571	69	58105	4.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.111	63	93023	3.639	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	3.896	46	74968	48.303	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.600%
24) Chloroform-d	4.352	84	92146	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.034	65	42520	5.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.050	84	184283	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.069	67	53031	4.715	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.317	98	158393	4.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.625	79	15730	4.161	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.088	63	57919	43.657	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.320%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33083	4.656	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	53722	4.923	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	639	0.047	ug/L	92
9) Trichlorofluoromethane	1.754	101	3530	0.165	ug/L	95
12) 1,1-Dichloroethene	2.121	96	2241	0.188	ug/L #	1
22) cis-1,2-Dichloroethene	3.912	96	1202	0.114	ug/L	94
25) Chloroform	4.381	83	4873	0.273	ug/L	93
27) 1,2-Dichloroethane	5.047	62	1154	0.123	ug/L #	71
34) Trichloroethene	5.915	95	105475	9.649	ug/L	99
35) Methylcyclohexane	6.072	83	13704	0.786	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	5936	0.623	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1388	0.111	ug/L #	77
47) Tetrachloroethene	7.979	164	7147	0.835	ug/L	94
49) Dibromochloromethane	7.976	129	6955	0.993	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8009	1.868	ug/L #	62

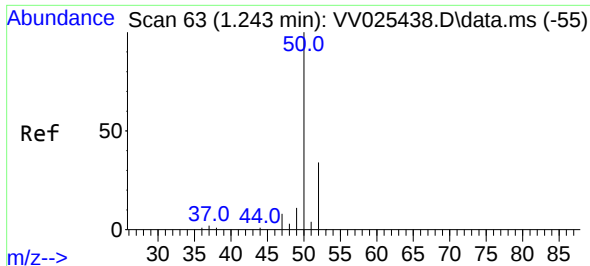
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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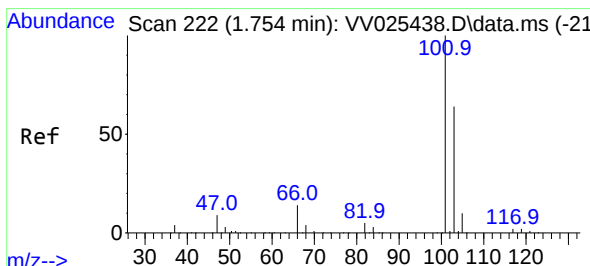
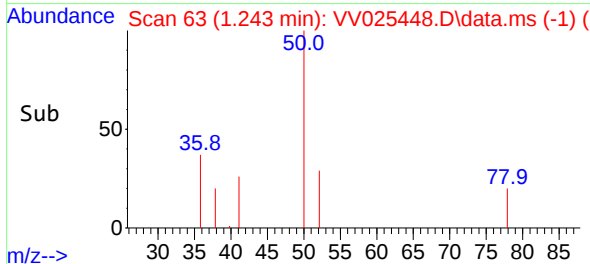
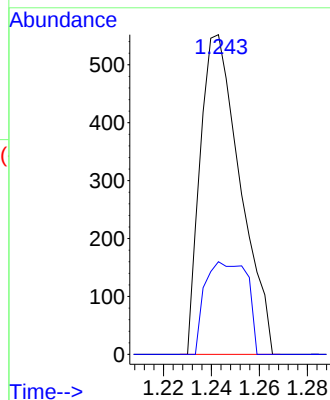
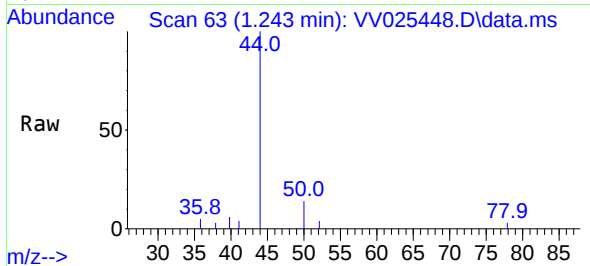




#3
Chloromethane
Concen: 0.047 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025448.D
Acq: 11 Apr 2022 14:25

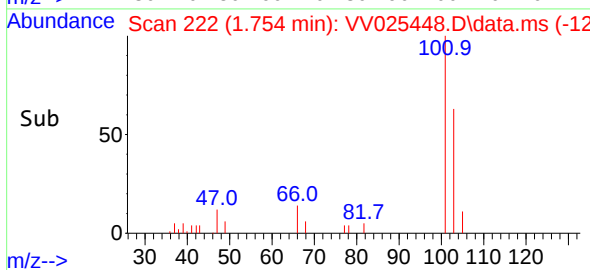
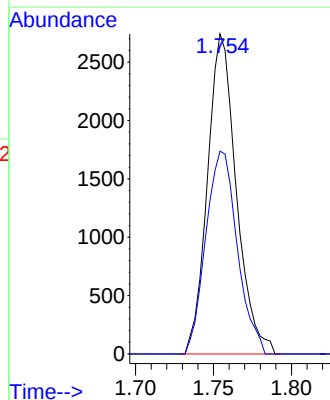
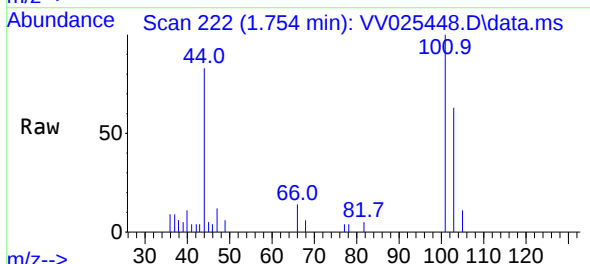
Instrument :
MSVOA_V
ClientSampleId :

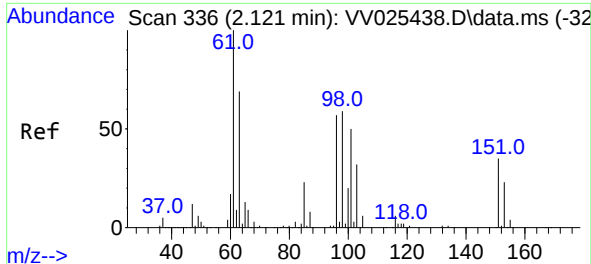
Tgt Ion: 50 Resp: 639
Ion Ratio Lower Upper
50 100
52 29.0 23.7 43.9



#9
Trichlorofluoromethane
Concen: 0.165 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025448.D
Acq: 11 Apr 2022 14:25

Tgt Ion: 101 Resp: 3530
Ion Ratio Lower Upper
101 100
103 69.0 51.9 77.9





#12

1,1-Dichloroethene

Concen: 0.188 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV025448.D

Acq: 11 Apr 2022 14:25

Instrument :

MSVOA_V

ClientSampleId :

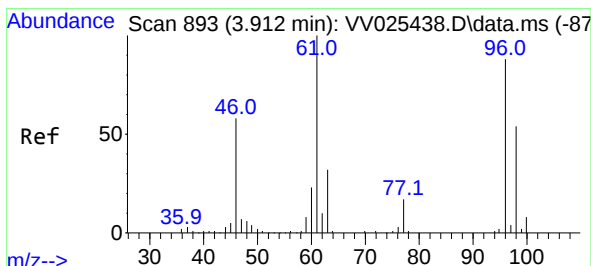
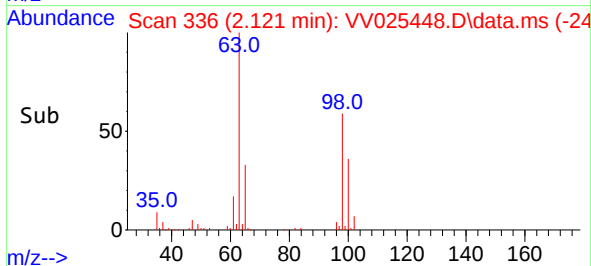
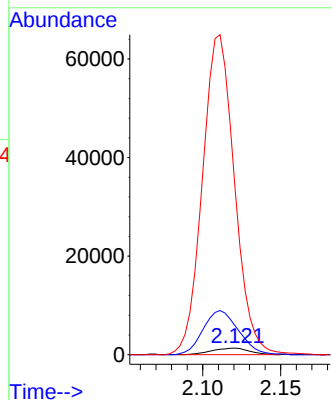
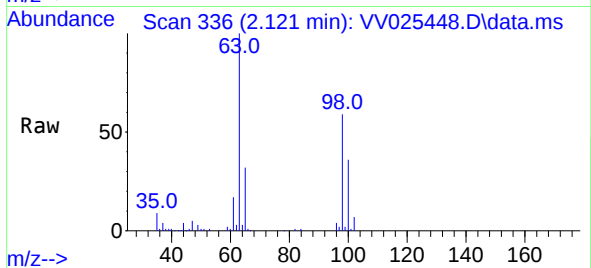
Tgt Ion: 96 Resp: 2241

Ion Ratio Lower Upper

96 100

61 436.0 125.2 232.4#

63 2500.4 114.4 212.4#



#22

cis-1,2-Dichloroethene

Concen: 0.114 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.000 min

Lab File: VV025448.D

Acq: 11 Apr 2022 14:25

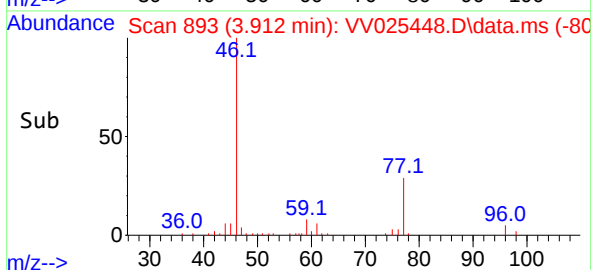
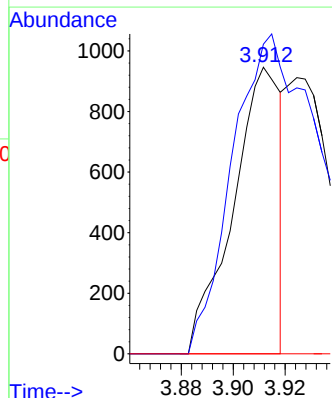
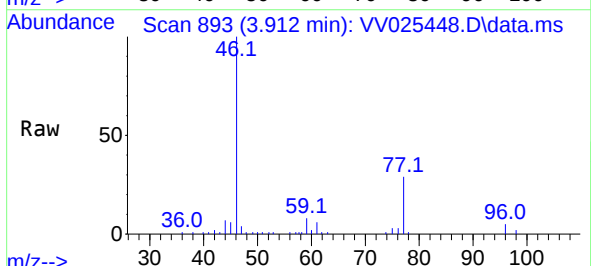
Tgt Ion: 96 Resp: 1202

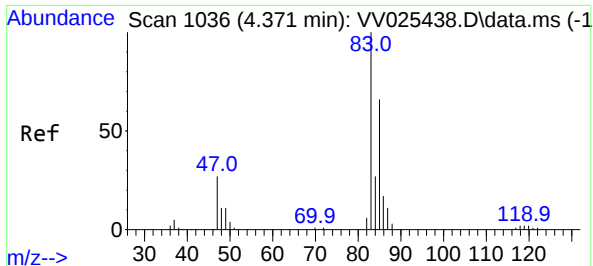
Ion Ratio Lower Upper

96 100

61 108.0 80.0 148.6

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.273 ug/L

RT: 4.381 min Scan# 1036

Delta R.T. 0.010 min

Lab File: VV025448.D

Acq: 11 Apr 2022 14:25

Instrument :

MSVOA_V

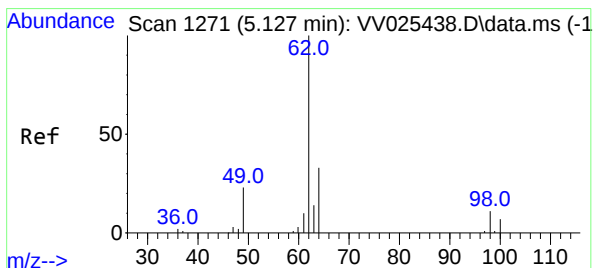
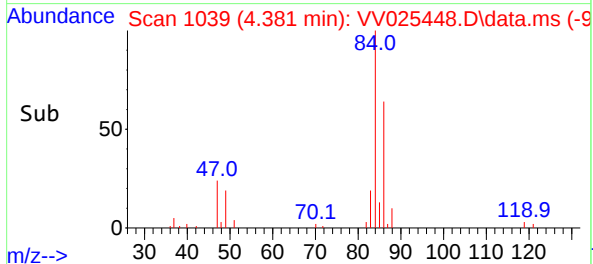
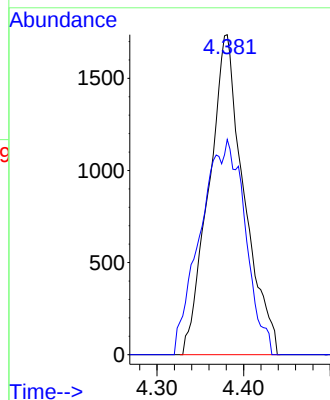
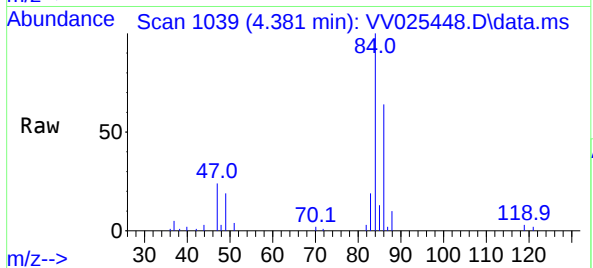
ClientSampleId :

Tgt Ion: 83 Resp: 4873

Ion Ratio Lower Upper

83 100

85 67.2 43.5 80.7



#27

1,2-Dichloroethane

Concen: 0.123 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.080 min

Lab File: VV025448.D

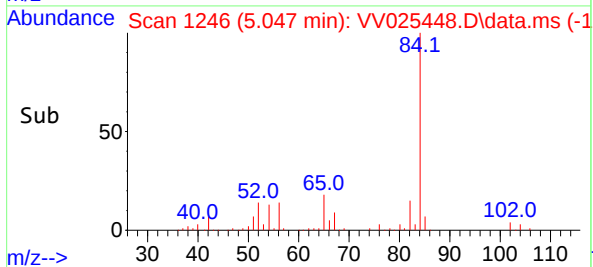
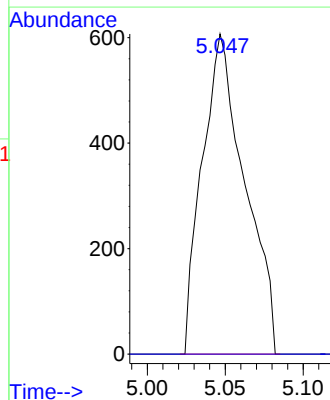
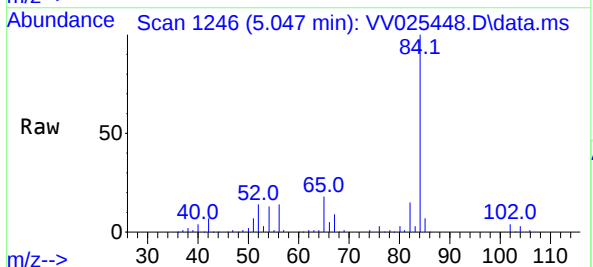
Acq: 11 Apr 2022 14:25

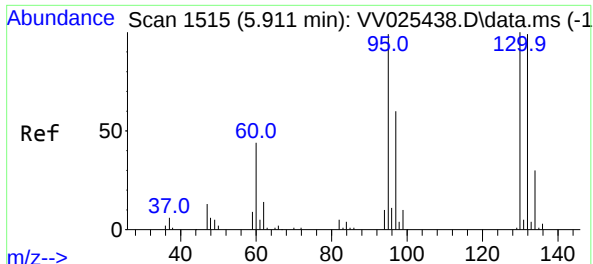
Tgt Ion: 62 Resp: 1154

Ion Ratio Lower Upper

62 100

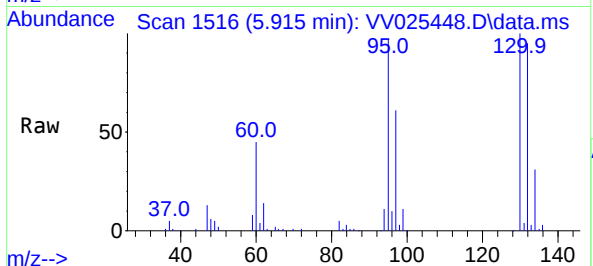
98 0.0 8.8 13.2#



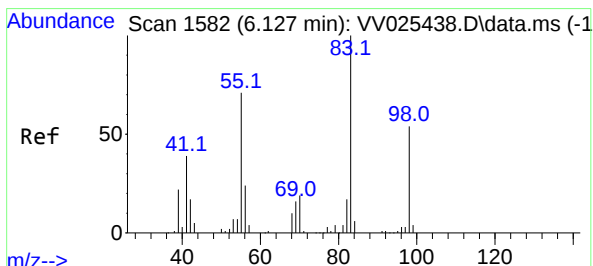
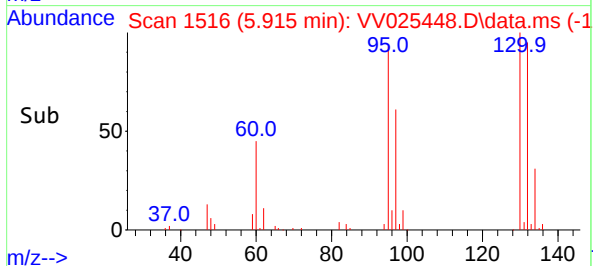
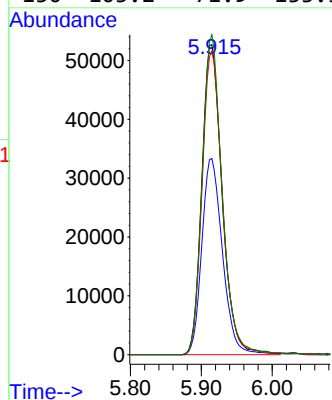


#34
Trichloroethene
Concen: 9.649 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025448.D
Acq: 11 Apr 2022 14:25

Instrument :
MSVOA_V
ClientSampleId :

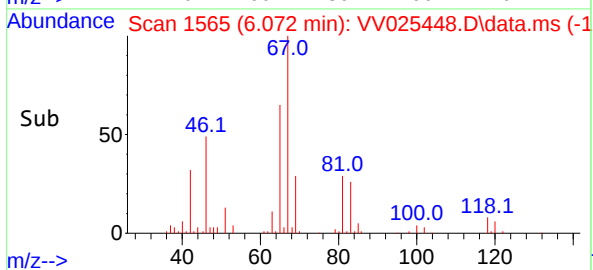
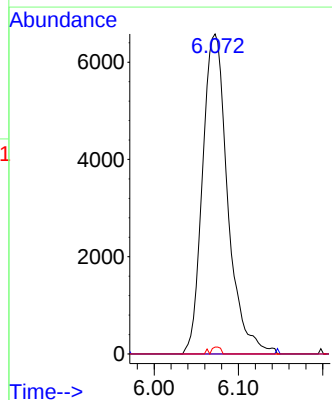
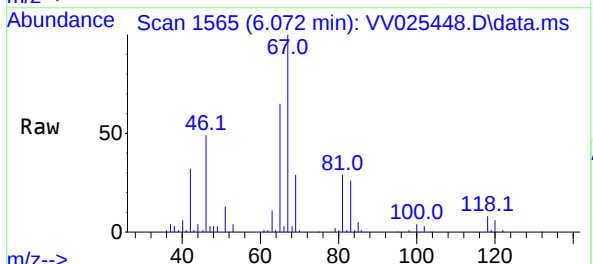


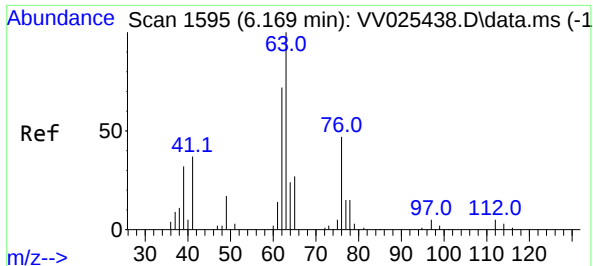
Tgt Ion: 95 Resp: 105475
Ion Ratio Lower Upper
95 100
97 63.2 45.8 85.2
132 97.9 68.0 126.4
130 103.2 71.9 133.5



#35
Methylcyclohexane
Concen: 0.786 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025448.D
Acq: 11 Apr 2022 14:25

Tgt Ion: 83 Resp: 13704
Ion Ratio Lower Upper
83 100
55 0.2 53.7 80.5#
98 0.0 39.6 59.4#

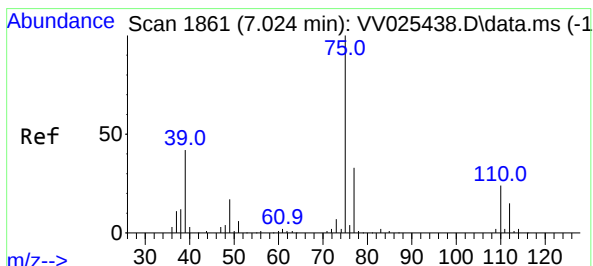
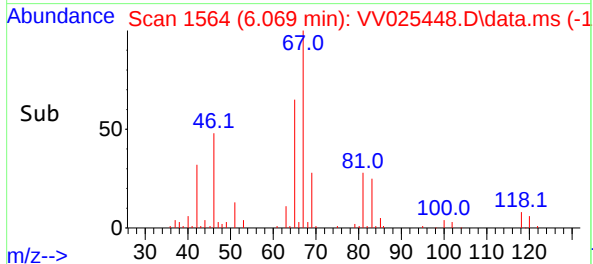
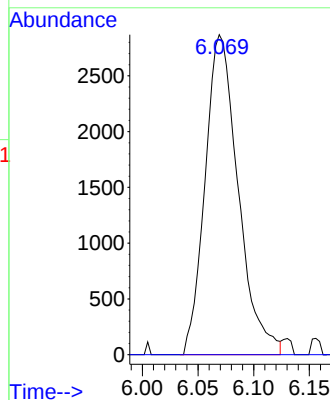
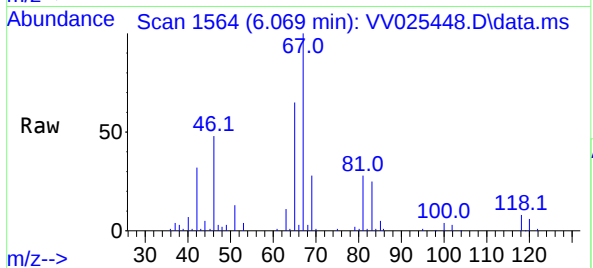




#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV025448.D
Acq: 11 Apr 2022 14:25

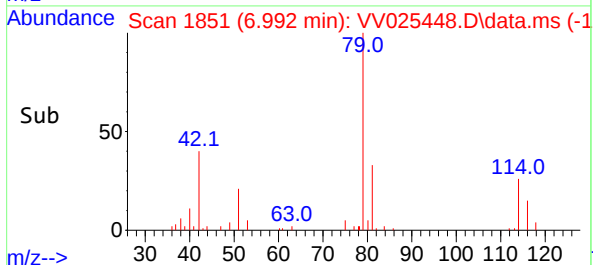
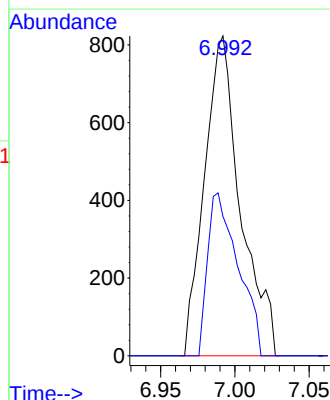
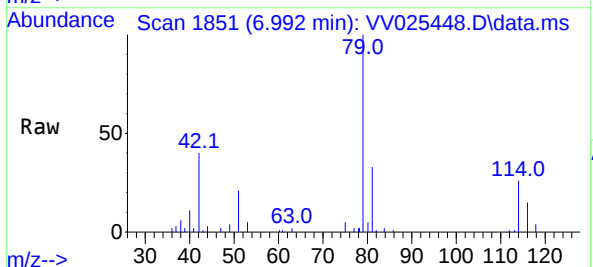
Instrument :
MSVOA_V
ClientSampleId :

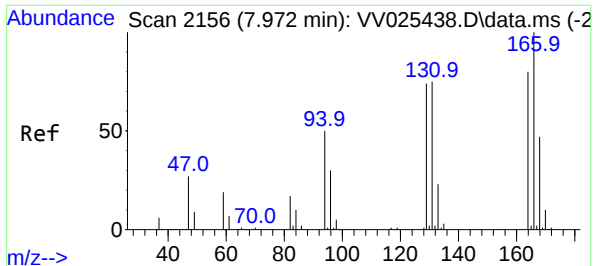
Tgt Ion: 63 Resp: 5936
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#39
cis-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.032 min
Lab File: VV025448.D
Acq: 11 Apr 2022 14:25

Tgt Ion: 75 Resp: 1388
Ion Ratio Lower Upper
75 100
77 43.6 21.8 40.6#





#47

Tetrachloroethene

Concen: 0.835 ug/L

RT: 7.979 min Scan# 2157

Delta R.T. 0.007 min

Lab File: VV025448.D

Acq: 11 Apr 2022 14:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 7147

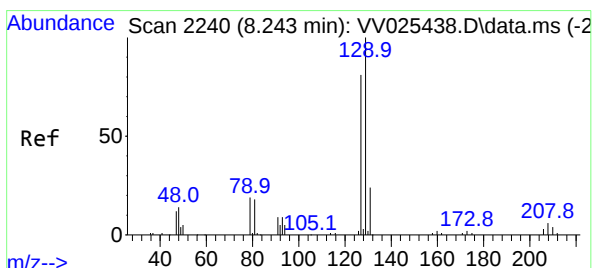
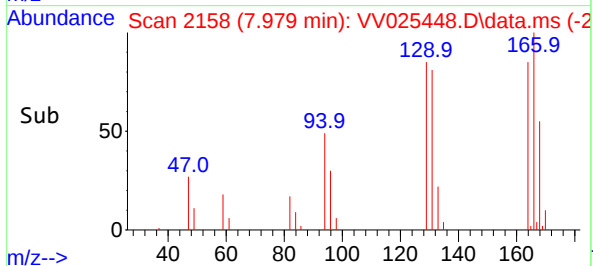
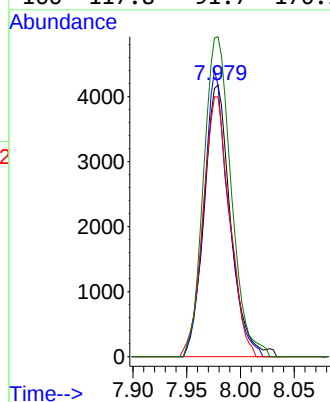
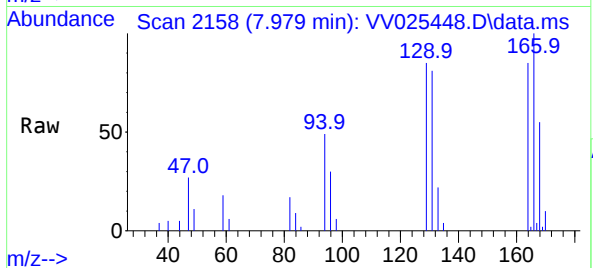
Ion Ratio Lower Upper

164 100

129 100.0 66.8 124.2

131 95.6 66.4 123.4

166 117.8 91.7 170.3



#49

Dibromochloromethane

Concen: 0.993 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025448.D

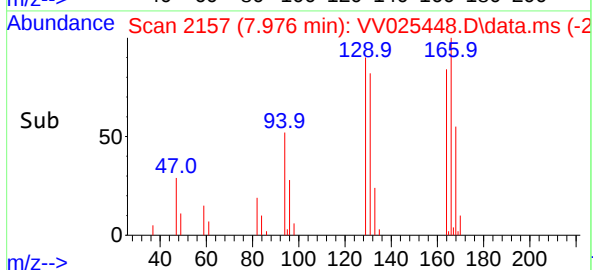
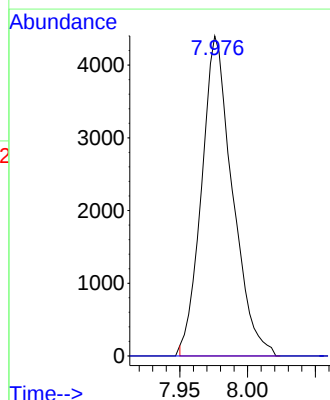
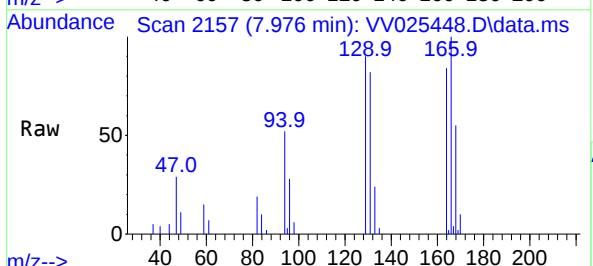
Acq: 11 Apr 2022 14:25

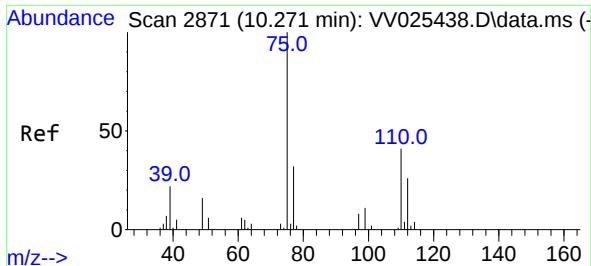
Tgt Ion:129 Resp: 6955

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#





#61

1,2,3-Trichloropropane

Concen: 1.868 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

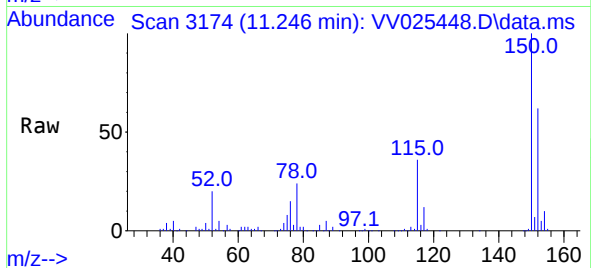
Lab File: VV025448.D

Acq: 11 Apr 2022 14:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 8009

Ion Ratio Lower Upper

75 100

77 33.2 25.6 38.4

110 1.6 34.7 52.1#

