

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041122\
 Data File : VW025455.D
 Acq On : 11 Apr 2022 17:09
 Operator : SY/MD
 Sample : N2319-16RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 12 07:07:37 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	131497	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	133576	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62071	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	60505	4.949	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.571	69	54902	4.221	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.111	63	92987	3.797	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	3.899	46	77096	51.843	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.680%
24) Chloroform-d	4.352	84	90285	4.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.034	65	42684	5.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.050	84	180736	4.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.072	67	53612	4.974	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.317	98	153509	4.280	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	7.625	79	15110	4.171	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.088	63	56874	44.730	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.460%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33180	4.873	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	53015	5.094	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%

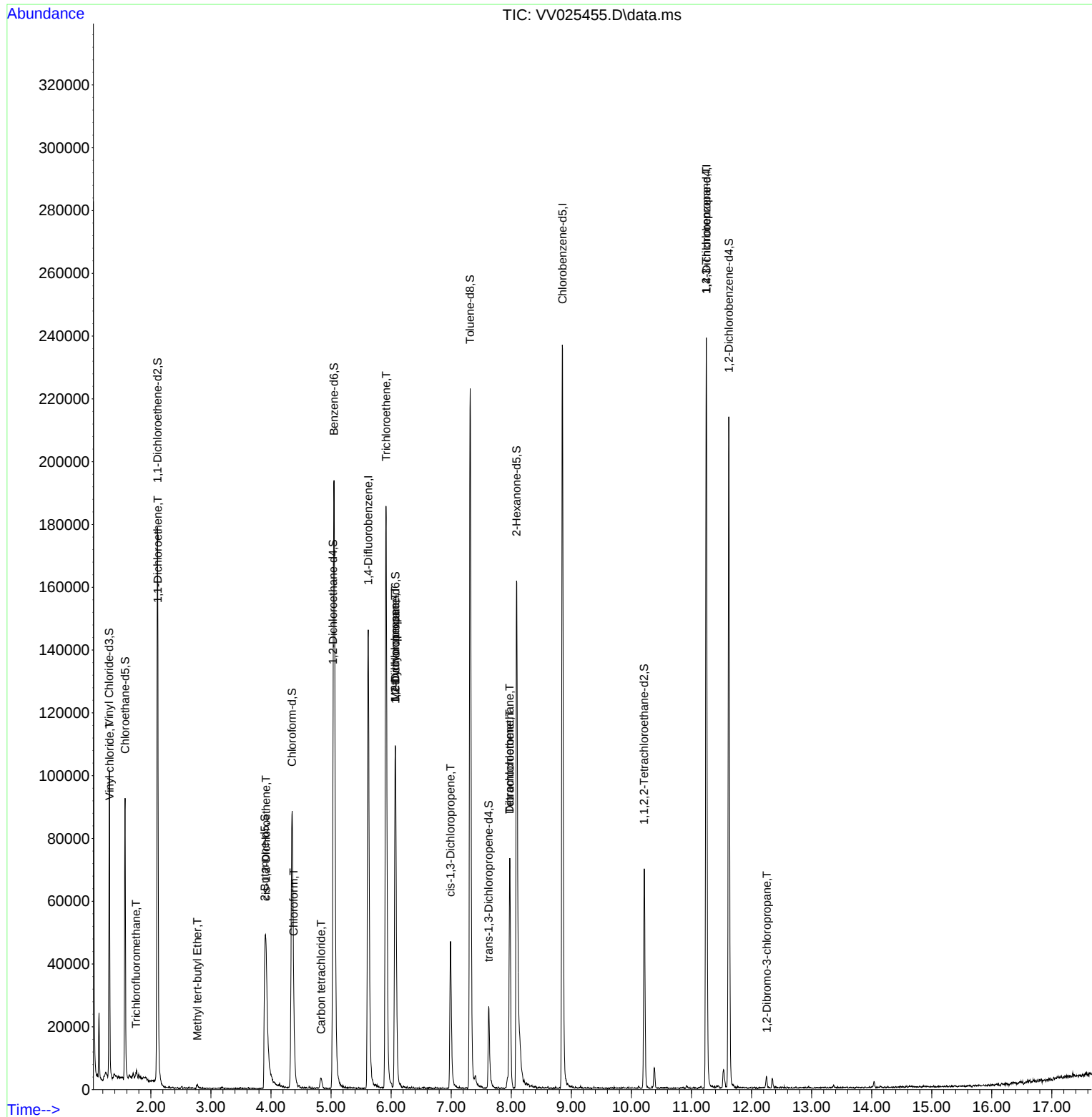
Target Compounds				Qvalue		
5) Vinyl chloride	1.314	62	673	0.046	ug/L #	1
9) Trichlorofluoromethane	1.754	101	871	0.043	ug/L	98
12) 1,1-Dichloroethene	2.117	96	2138	0.187	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	771	0.044	ug/L #	74
22) cis-1,2-Dichloroethene	3.918	96	10442	1.038	ug/L	91
25) Chloroform	4.378	83	7592	0.444	ug/L	80
31) Carbon tetrachloride	4.834	117	2536	0.190	ug/L	98
34) Trichloroethene	5.915	95	63867	6.096	ug/L	98
35) Methylcyclohexane	6.069	83	13327	0.797	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6010	0.658	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1276	0.107	ug/L #	77
47) Tetrachloroethene	7.976	164	16076	1.960	ug/L	95
49) Dibromochloromethane	7.976	129	15496	2.309	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8024	1.963	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	12.252	75	137	0.194	ug/L #	2

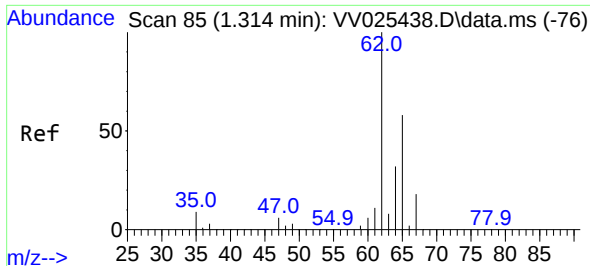
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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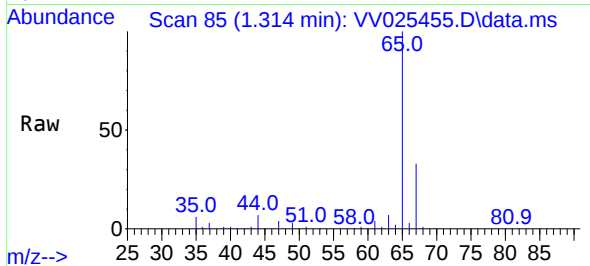
Quant Time: Apr 12 07:07:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
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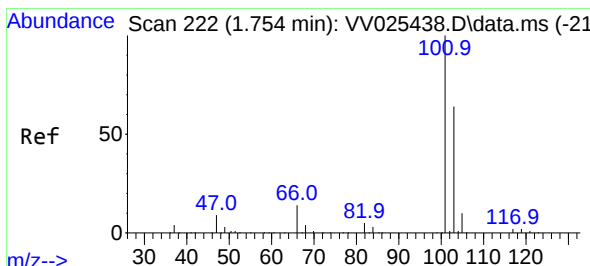
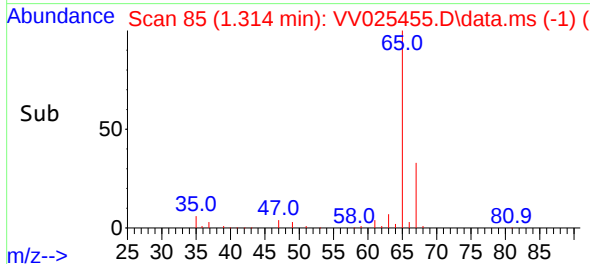
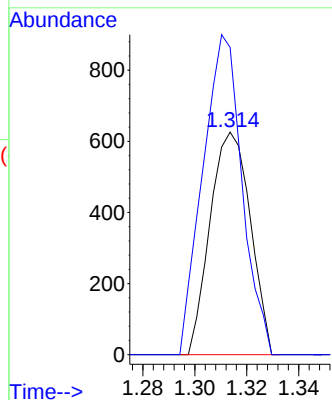


#5
 Vinyl chloride
 Concen: 0.046 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025455.D
 Acq: 11 Apr 2022 17:09

Instrument :
 MSVOA_V
 ClientSampleId :

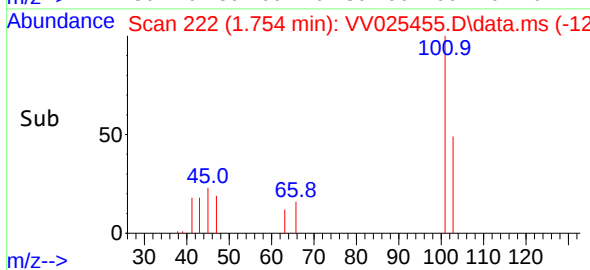
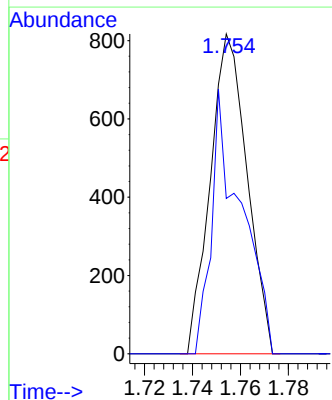
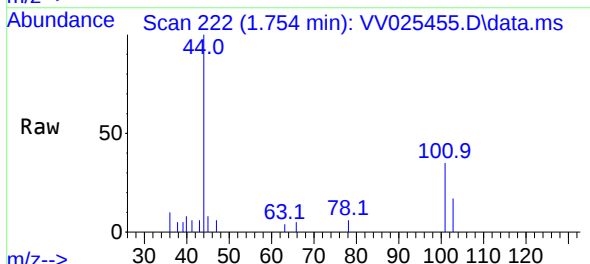


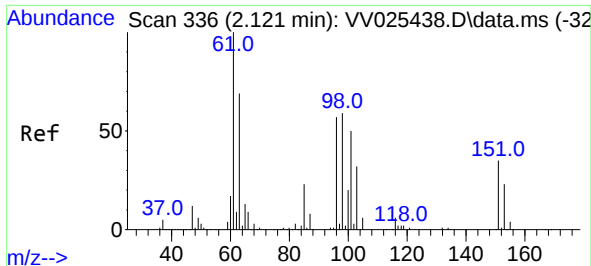
Tgt Ion: 62 Resp: 673
 Ion Ratio Lower Upper
 62 100
 64 138.0 23.2 43.2#



#9
 Trichlorofluoromethane
 Concen: 0.043 ug/L
 RT: 1.754 min Scan# 222
 Delta R.T. -0.000 min
 Lab File: VV025455.D
 Acq: 11 Apr 2022 17:09

Tgt Ion: 101 Resp: 871
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.9 77.9





#12

1,1-Dichloroethene

Concen: 0.187 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV025455.D

Acq: 11 Apr 2022 17:09

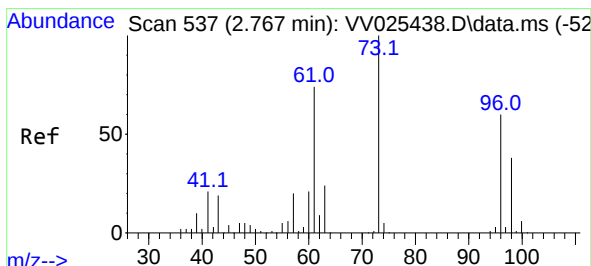
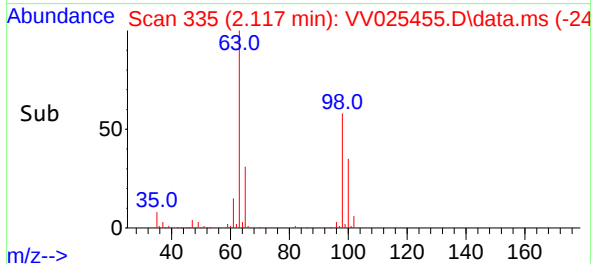
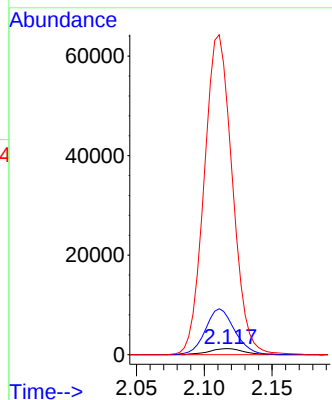
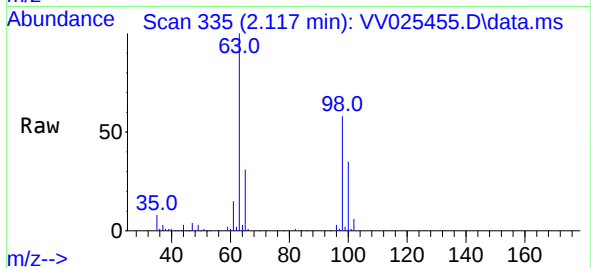
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 2138

Ion	Ratio	Lower	Upper
96	100		
61	610.4	125.2	232.4#
63	3963.2	114.4	212.4#



#17

Methyl tert-butyl Ether

Concen: 0.044 ug/L

RT: 2.773 min Scan# 539

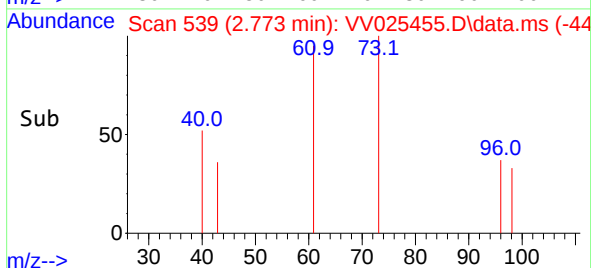
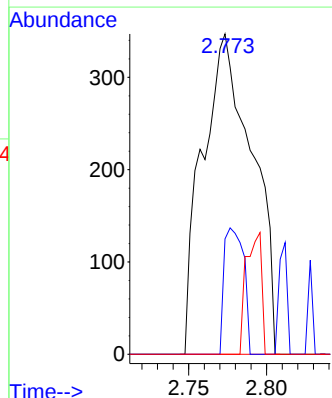
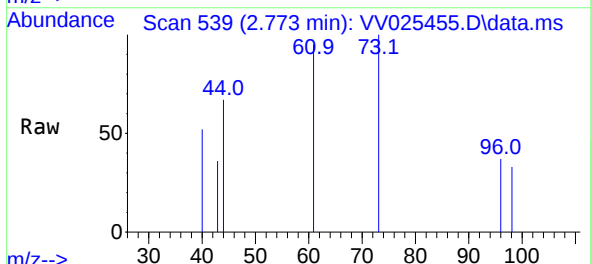
Delta R.T. 0.006 min

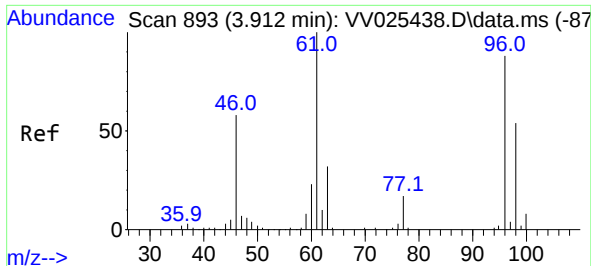
Lab File: VV025455.D

Acq: 11 Apr 2022 17:09

Tgt Ion: 73 Resp: 771

Ion	Ratio	Lower	Upper
73	100		
43	15.4	14.2	21.4
57	0.0	16.1	24.1#

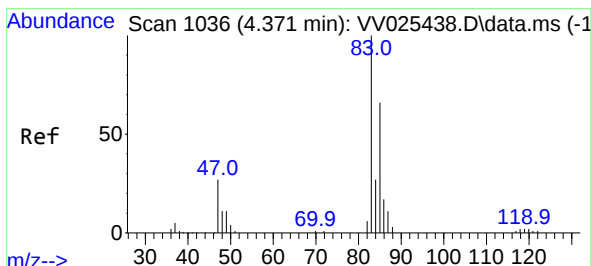
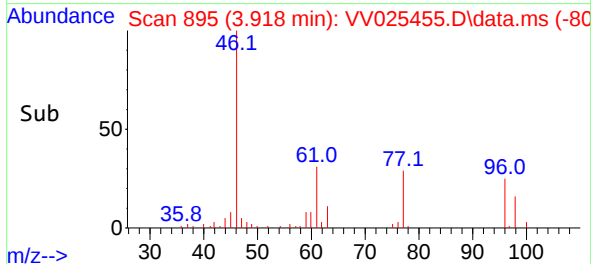
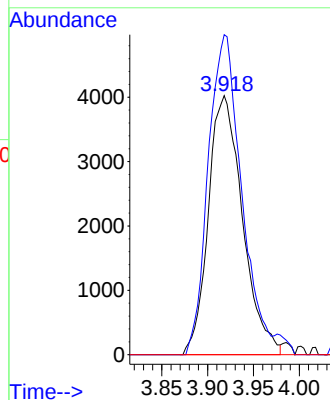
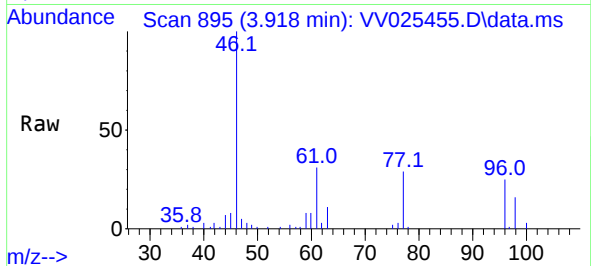




#22
cis-1,2-Dichloroethene
Concen: 1.038 ug/L
RT: 3.918 min Scan# 893
Delta R.T. 0.006 min
Lab File: VV025455.D
Acq: 11 Apr 2022 17:09

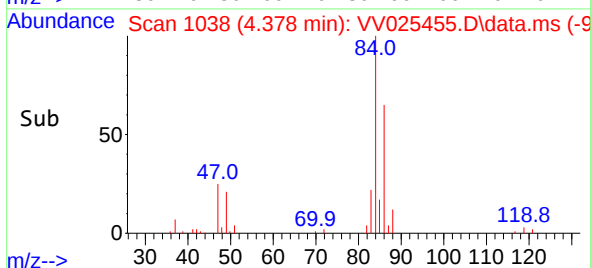
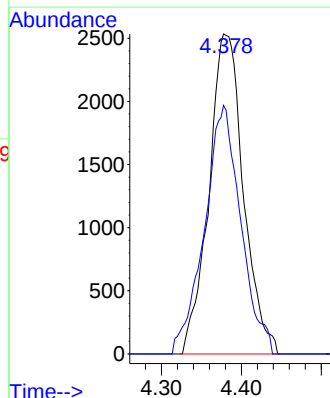
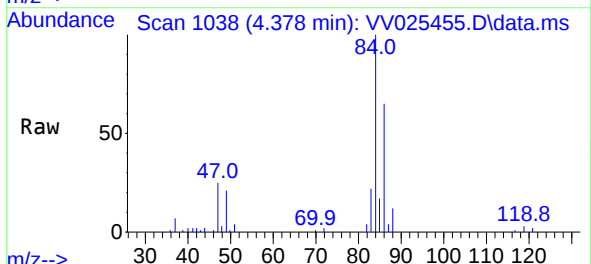
Instrument :
MSVOA_V
ClientSampleId :

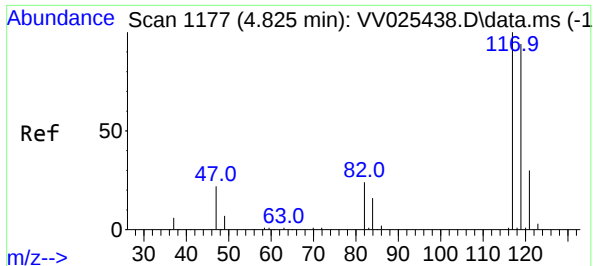
Tgt Ion: 96 Resp: 10442
Ion Ratio Lower Upper
96 100
61 123.6 80.0 148.6
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.444 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV025455.D
Acq: 11 Apr 2022 17:09

Tgt Ion: 83 Resp: 7592
Ion Ratio Lower Upper
83 100
85 77.7 43.5 80.7

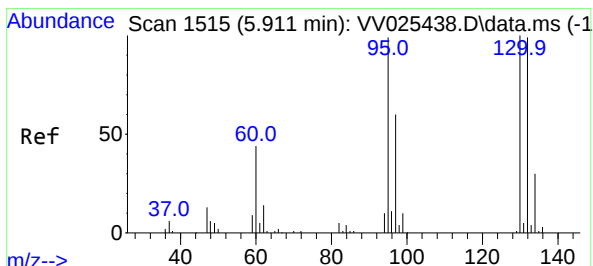
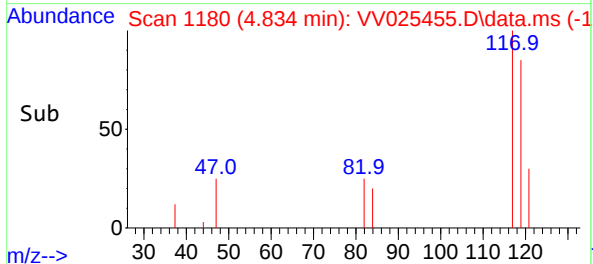
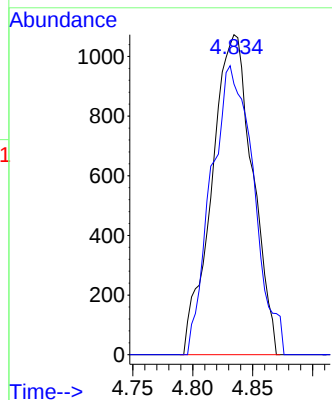
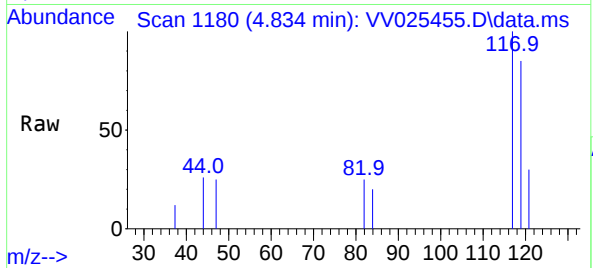




#31
Carbon tetrachloride
Concen: 0.190 ug/L
RT: 4.834 min Scan# 1177
Delta R.T. 0.010 min
Lab File: VV025455.D
Acq: 11 Apr 2022 17:09

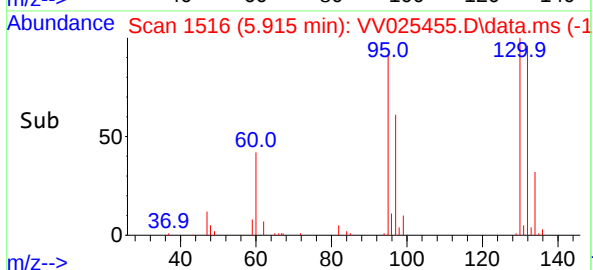
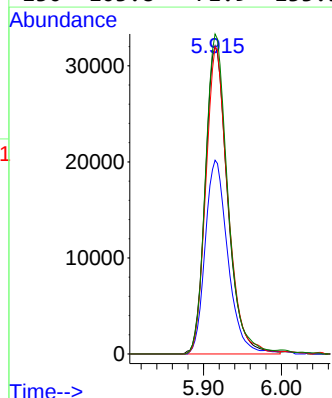
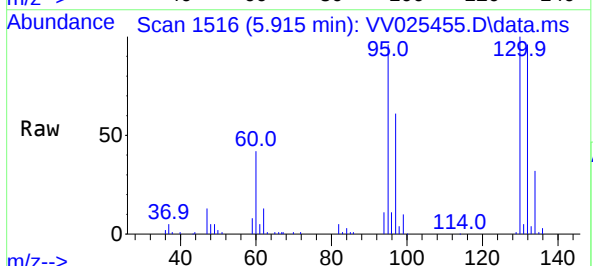
Instrument :
MSVOA_V
ClientSampleId :

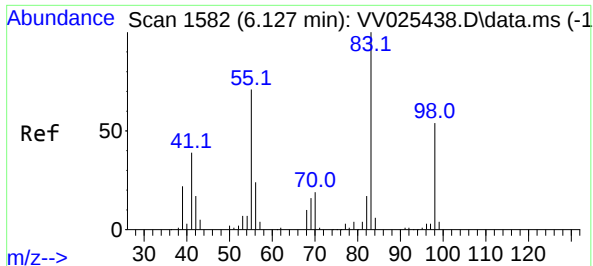
Tgt Ion:117 Resp: 2536
Ion Ratio Lower Upper
117 100
119 94.1 76.6 114.8



#34
Trichloroethene
Concen: 6.096 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV025455.D
Acq: 11 Apr 2022 17:09

Tgt Ion: 95 Resp: 63867
Ion Ratio Lower Upper
95 100
97 62.9 45.8 85.2
132 99.7 68.0 126.4
130 103.8 71.9 133.5





#35

Methylcyclohexane

Concen: 0.797 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025455.D

Acq: 11 Apr 2022 17:09

Instrument :

MSVOA_V

ClientSampleId :

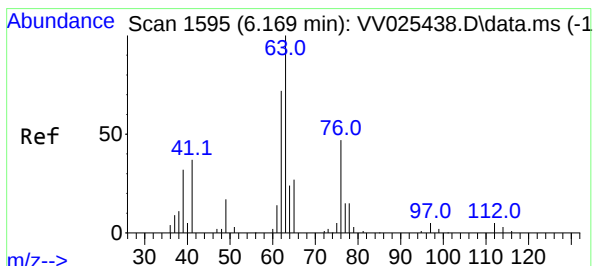
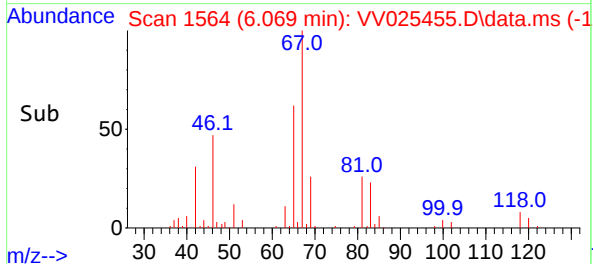
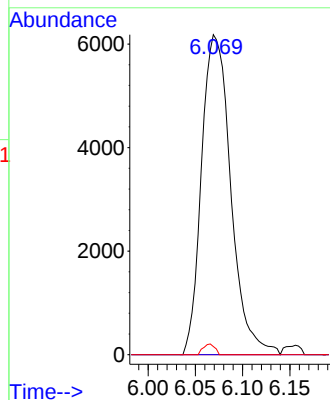
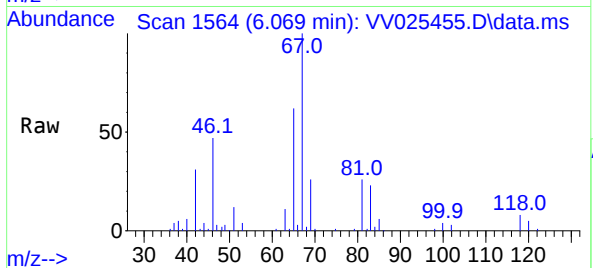
Tgt Ion: 83 Resp: 13327

Ion Ratio Lower Upper

83 100

55 0.0 53.7 80.5#

98 1.3 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.658 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV025455.D

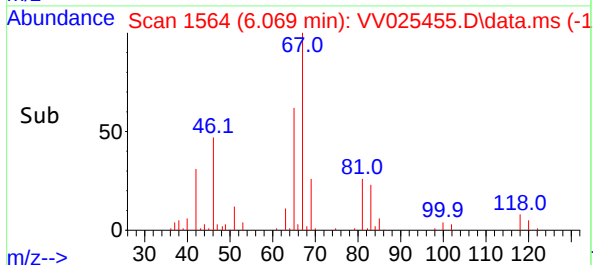
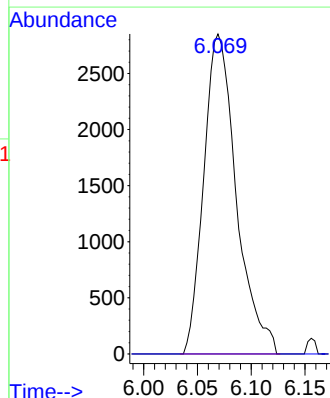
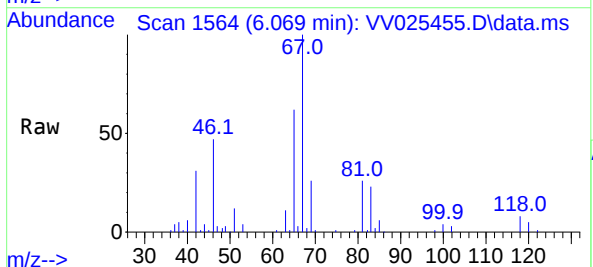
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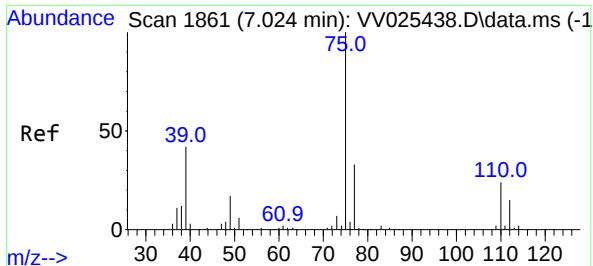
Tgt Ion: 63 Resp: 6010

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025455.D

Acq: 11 Apr 2022 17:09

Instrument :

MSVOA_V

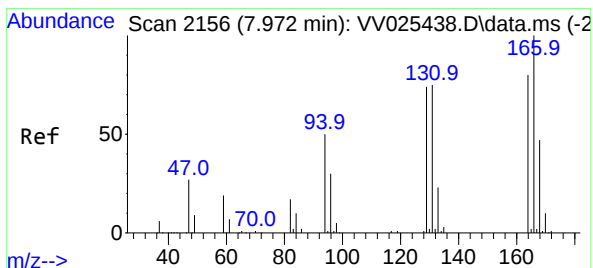
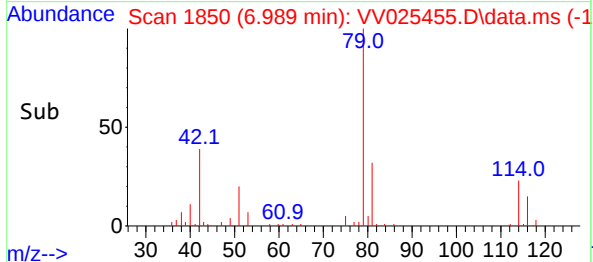
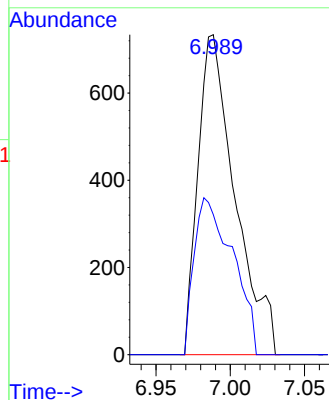
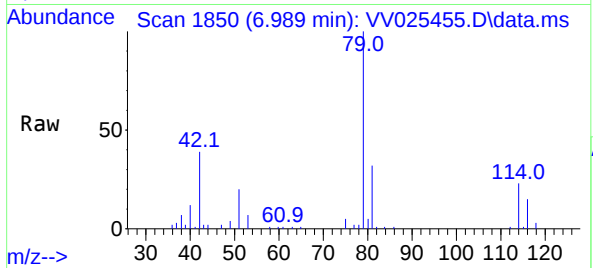
ClientSampleId :

Tgt Ion: 75 Resp: 1276

Ion Ratio Lower Upper

75 100

77 43.7 21.8 40.6#



#47

Tetrachloroethene

Concen: 1.960 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025455.D

Acq: 11 Apr 2022 17:09

Tgt Ion:164 Resp: 16076

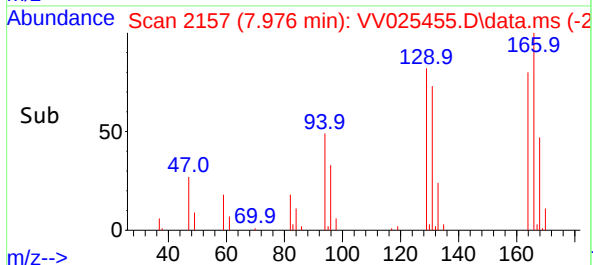
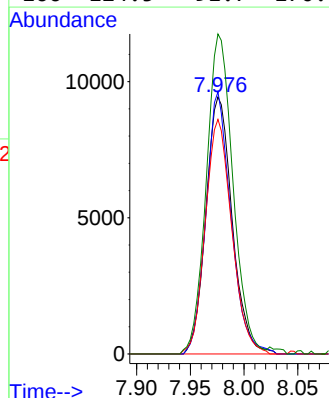
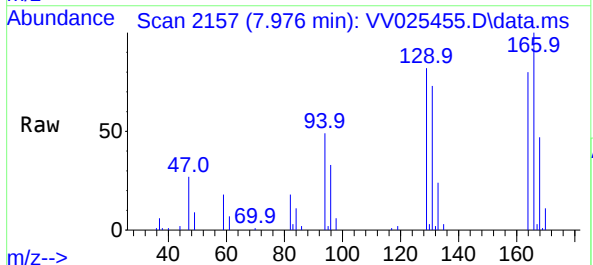
Ion Ratio Lower Upper

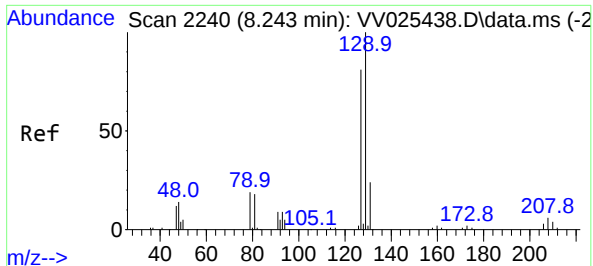
164 100

129 102.0 66.8 124.2

131 91.2 66.4 123.4

166 124.5 91.7 170.3





#49

Dibromochloromethane

Concen: 2.309 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025455.D

Acq: 11 Apr 2022 17:09

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MSVOA_V

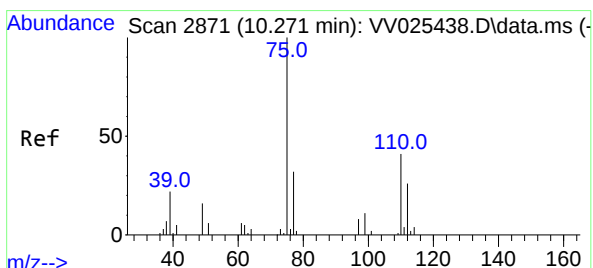
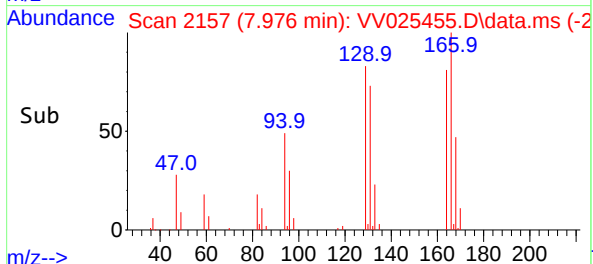
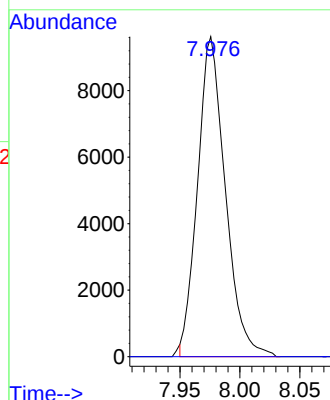
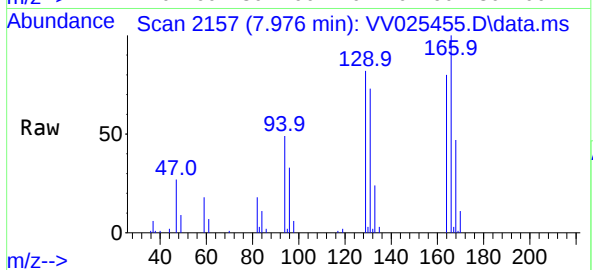
ClientSampleId :

Tgt Ion:129 Resp: 15496

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#61

1,2,3-Trichloropropane

Concen: 1.963 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025455.D

Acq: 11 Apr 2022 17:09

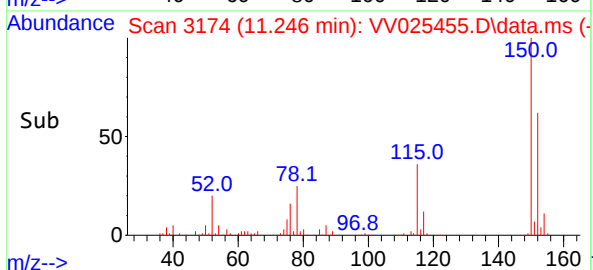
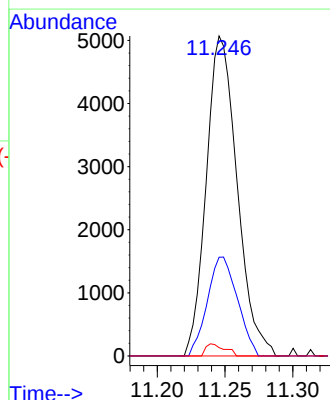
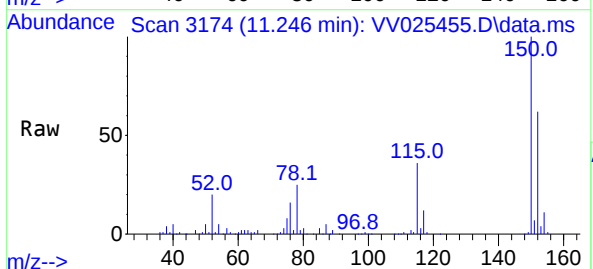
Tgt Ion: 75 Resp: 8024

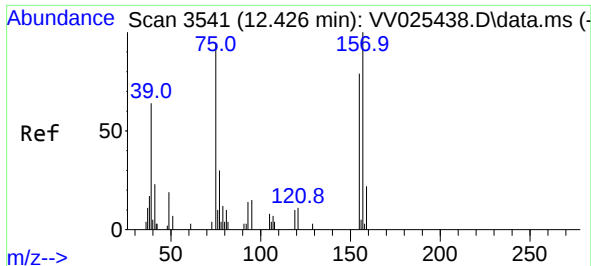
Ion Ratio Lower Upper

75 100

77 30.0 25.6 38.4

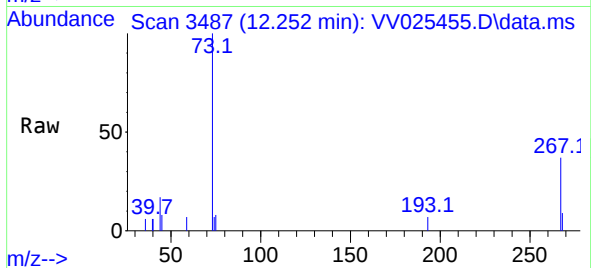
110 2.3 34.7 52.1#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.194 ug/L
 RT: 12.252 min Scan# 34
 Delta R.T. -0.174 min
 Lab File: VV025455.D
 Acq: 11 Apr 2022 17:09

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 137
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#

