

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022122\
 Data File : VW024771.D
 Acq On : 21 Feb 2022 13:09
 Operator : SY/MD
 Sample : N1625-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 21 13:51:24 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	171780	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	156451	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71074	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	52632	3.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.20%
7) Chloroethane-d5	1.571	69	46583	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.00%
11) 1,1-Dichloroethene-d2	2.114	63	105071	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	3.896	46	103826	49.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.78%
24) Chloroform-d	4.352	84	97168	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.034	65	44848	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.050	84	197588	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.069	67	62546	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.317	98	169345	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloroprop...	7.625	79	19989	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.088	63	80356	46.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.30%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36229	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
66) 1,2-Dichlorobenzene-d4	11.622	152	55090	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

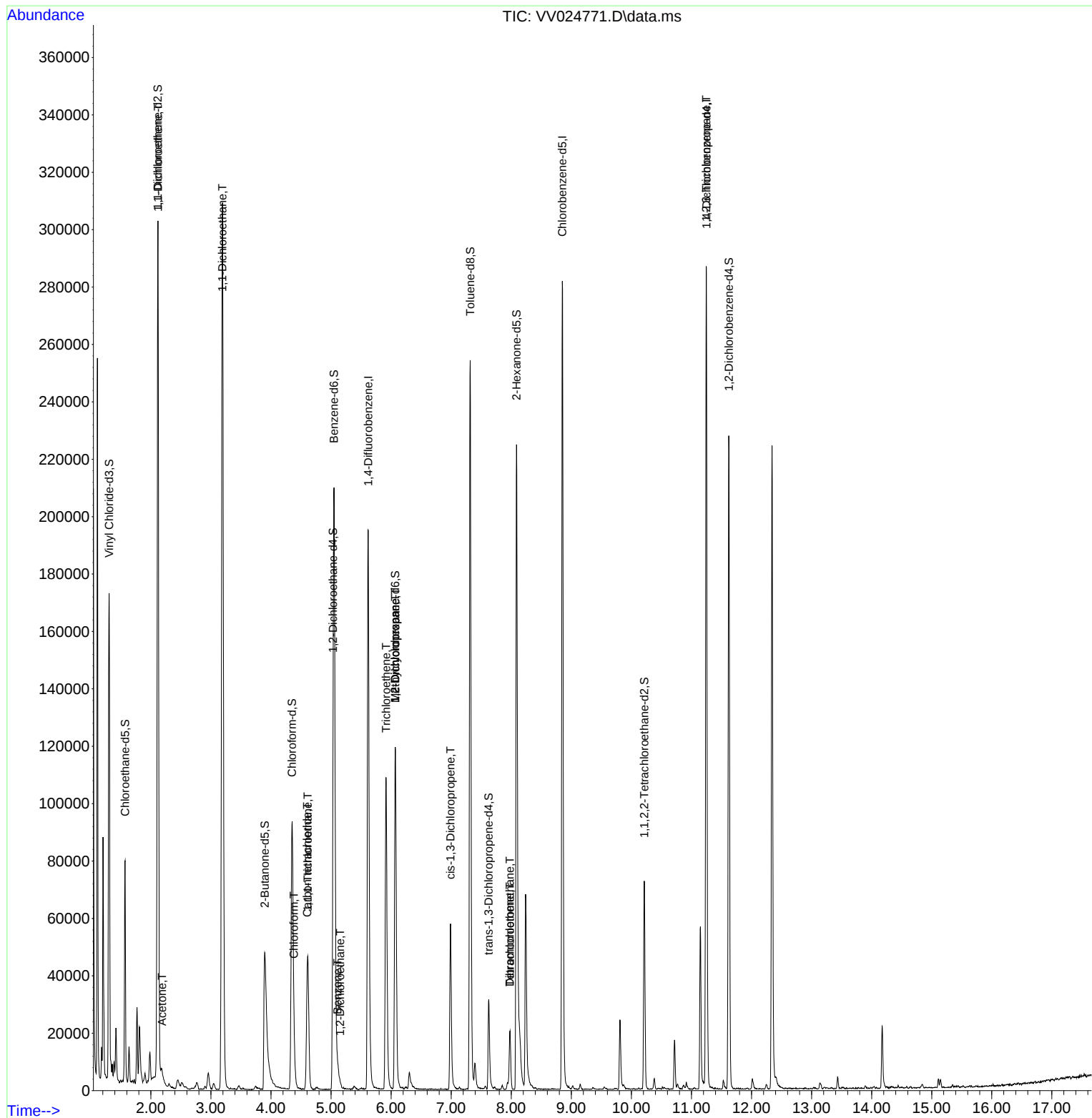
Target Compounds					Qvalue
12) 1,1-Dichloroethene	2.121	96	63985	4.78	ug/L 94
13) Acetone	2.185	43	6540	4.46	ug/L 95
19) 1,1-Dichloroethane	3.191	63	317367	13.27	ug/L 98
25) Chloroform	4.381	83	10031	0.40	ug/L 95
27) 1,2-Dichloroethane	5.149	62	1966	0.15	ug/L # 73
29) 1,1,1-Trichloroethane	4.612	97	39185	1.87	ug/L 98
31) Carbon tetrachloride	4.606	117	5018	0.28	ug/L 99
33) Benzene	5.108	78	8070	0.15	ug/L 100
34) Trichloroethene	5.915	95	37883	2.70	ug/L 95
35) Methylcyclohexane	6.069	83	14682	0.65	ug/L # 21
37) 1,2-Dichloropropane	6.069	63	6656	0.53	ug/L # 86
39) cis-1,3-Dichloropropene	6.989	75	1412	0.08	ug/L # 58
47) Tetrachloroethene	7.979	164	4543	0.48	ug/L 94
49) Dibromochloromethane	7.979	129	4786	0.53	ug/L # 11
61) 1,2,3-Trichloropropane	11.246	75	9922	1.54	ug/L # 68

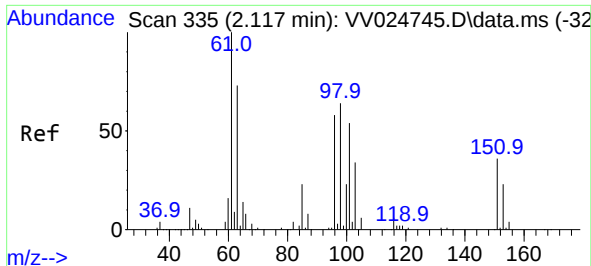
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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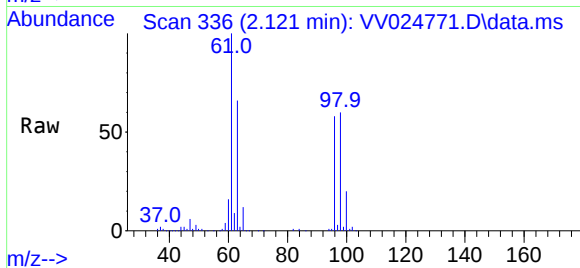
Quant Time: Feb 21 13:51:24 2022
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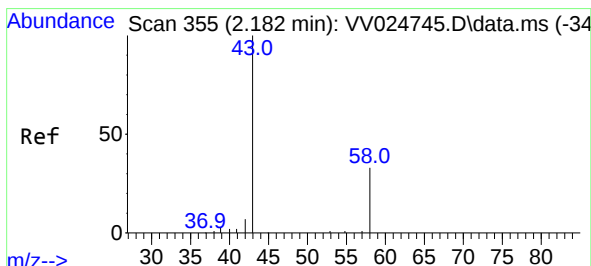
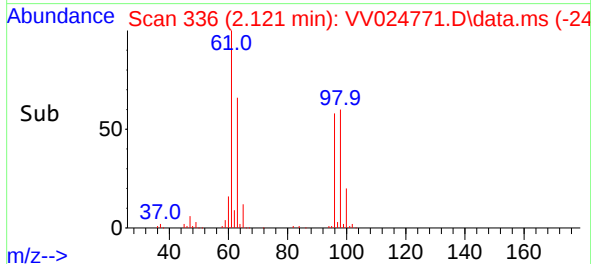
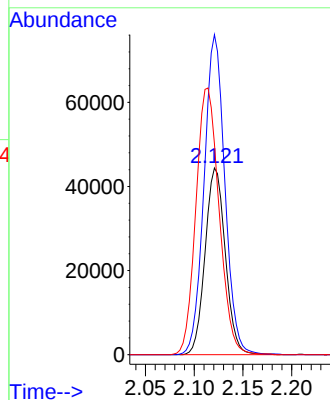


#12
1,1-Dichloroethene
Concen: 4.78 ug/L
RT: 2.121 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV024771.D
Acq: 21 Feb 2022 13:09

Instrument :
MSVOA_V
ClientSampleId :

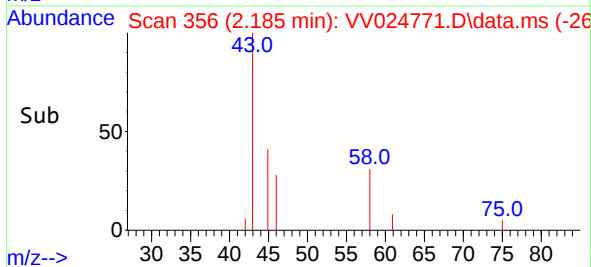
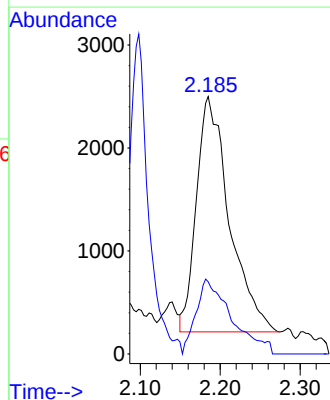
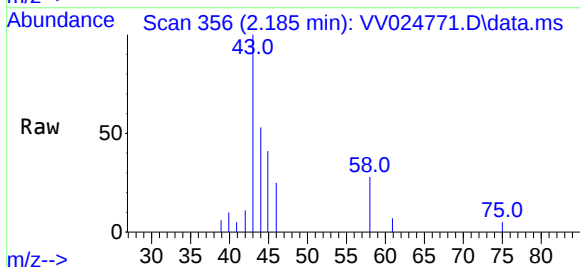


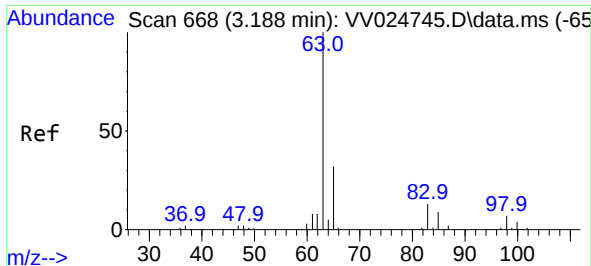
Tgt Ion: 96 Resp: 63985
Ion Ratio Lower Upper
96 100
61 171.4 116.3 216.1
63 112.9 86.0 159.6



#13
Acetone
Concen: 4.46 ug/L
RT: 2.185 min Scan# 356
Delta R.T. 0.003 min
Lab File: VV024771.D
Acq: 21 Feb 2022 13:09

Tgt Ion: 43 Resp: 6540
Ion Ratio Lower Upper
43 100
58 34.4 0.0 63.6

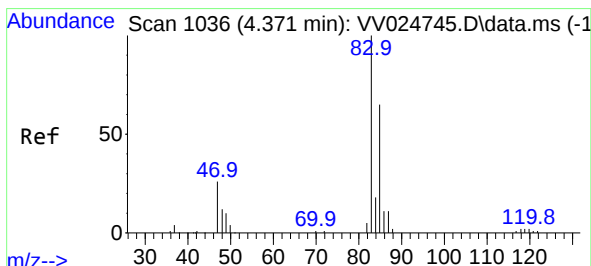
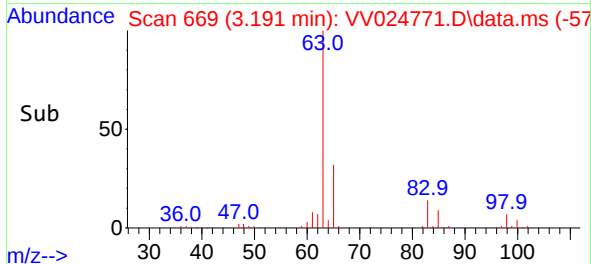
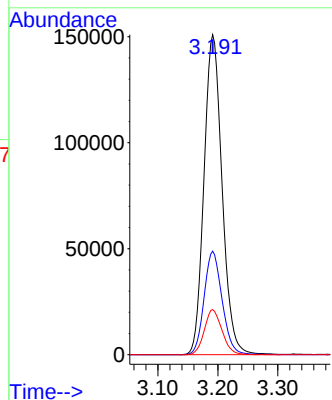
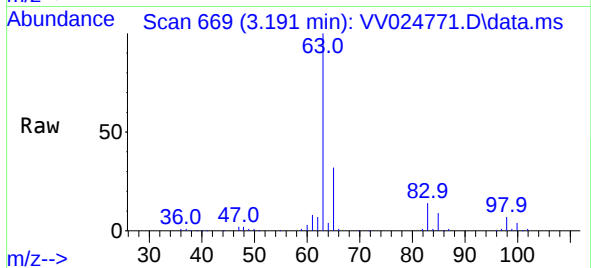




#19
1,1-Dichloroethane
Concen: 13.27 ug/L
RT: 3.191 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV024771.D
Acq: 21 Feb 2022 13:09

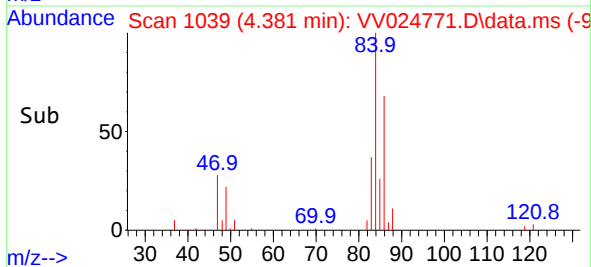
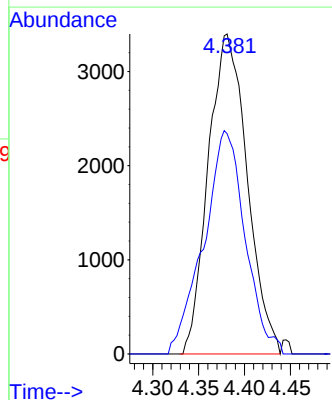
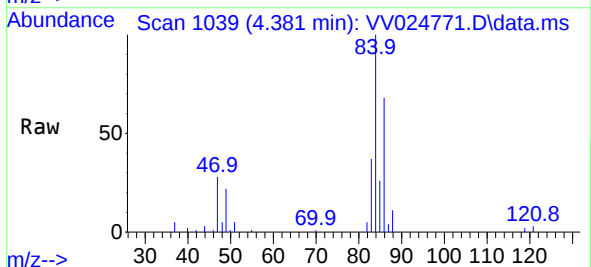
Instrument :
MSVOA_V
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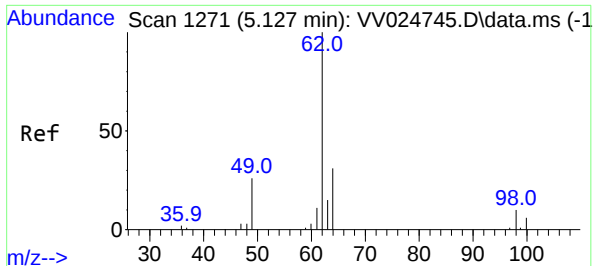
Tgt Ion: 63 Resp: 317367
Ion Ratio Lower Upper
63 100
65 32.3 22.0 40.8
83 14.1 9.5 17.7



#25
Chloroform
Concen: 0.40 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV024771.D
Acq: 21 Feb 2022 13:09

Tgt Ion: 83 Resp: 10031
Ion Ratio Lower Upper
83 100
85 68.8 45.5 84.5

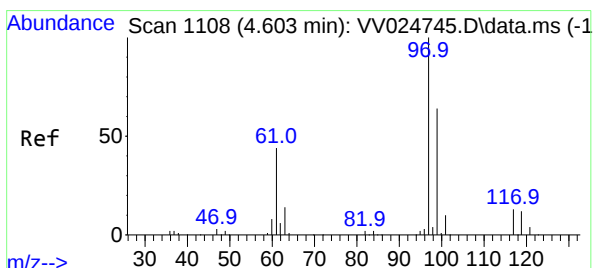
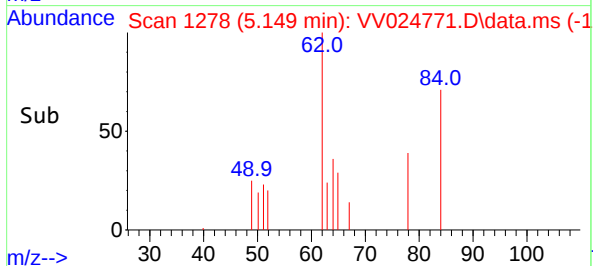
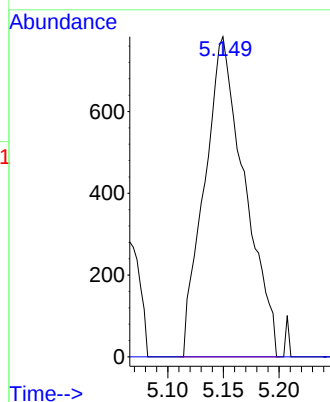
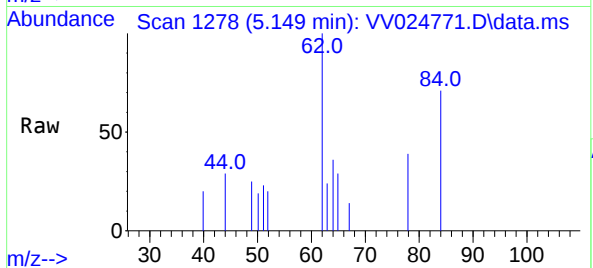




#27
1,2-Dichloroethane
Concen: 0.15 ug/L
RT: 5.149 min Scan# 1110
Delta R.T. 0.023 min
Lab File: VV024771.D
Acq: 21 Feb 2022 13:09

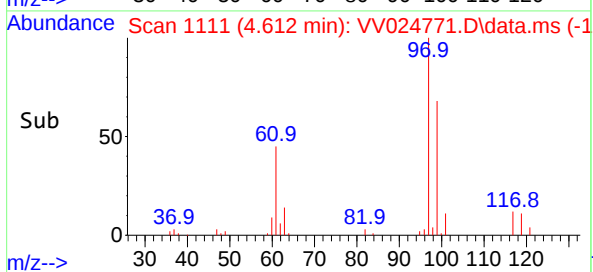
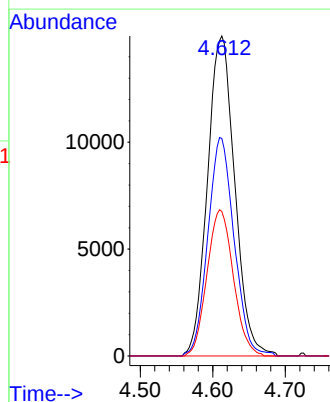
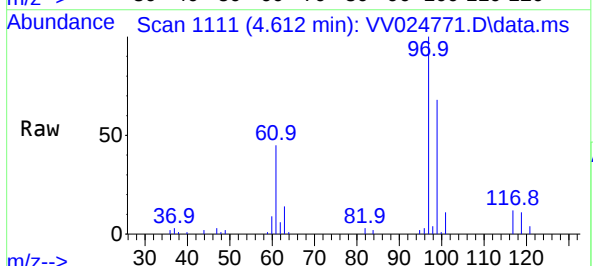
Instrument :
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ClientSampleId :

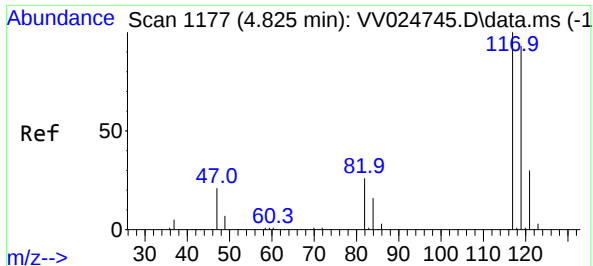
Tgt Ion: 62 Resp: 1966
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#



#29
1,1,1-Trichloroethane
Concen: 1.87 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.010 min
Lab File: VV024771.D
Acq: 21 Feb 2022 13:09

Tgt Ion: 97 Resp: 39185
Ion Ratio Lower Upper
97 100
99 65.7 50.5 75.7
61 44.1 35.8 53.6

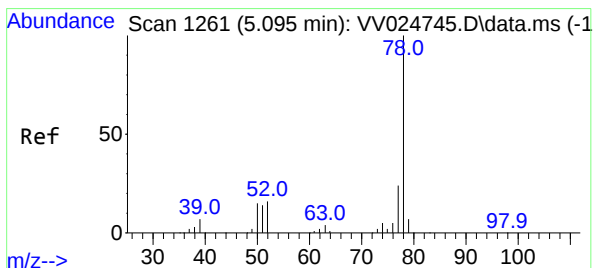
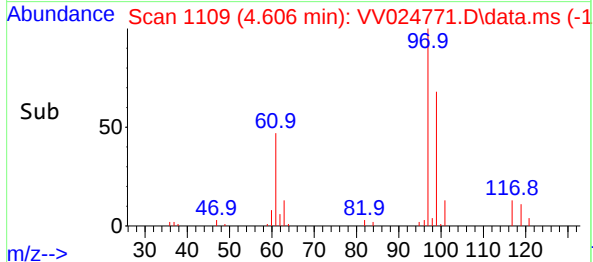
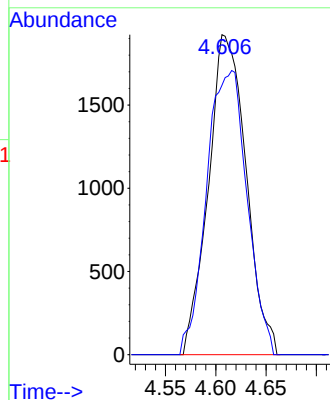
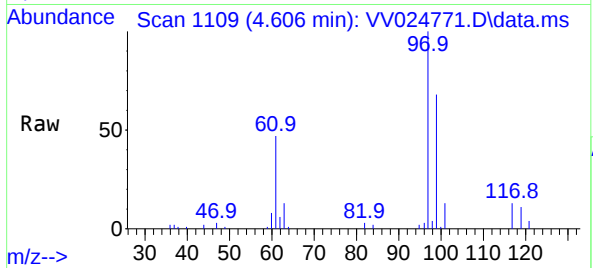




#31
Carbon tetrachloride
Concen: 0.28 ug/L
RT: 4.606 min Scan# 1177
Delta R.T. -0.219 min
Lab File: VV024771.D
Acq: 21 Feb 2022 13:09

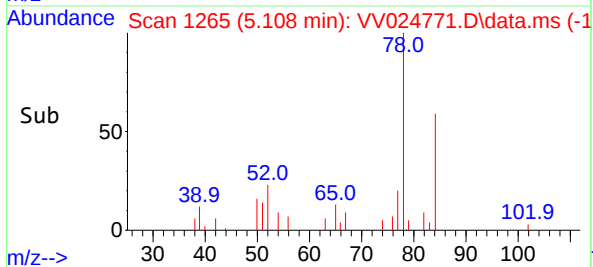
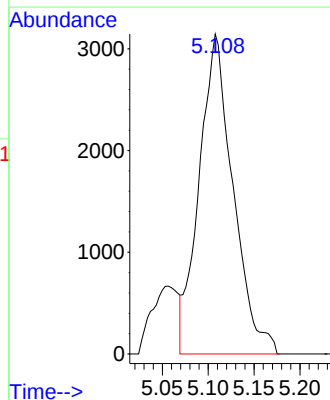
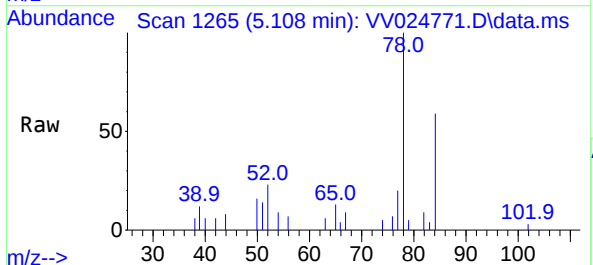
Instrument :
MSVOA_V
ClientSampleId :

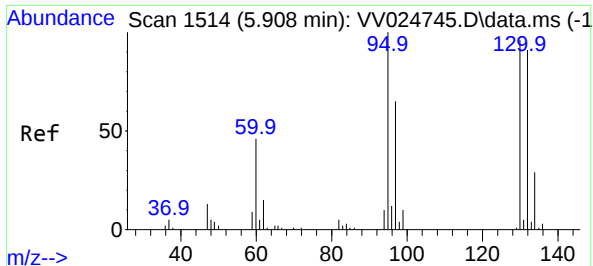
Tgt Ion:117 Resp: 5018
Ion Ratio Lower Upper
117 100
119 95.0 76.6 115.0



#33
Benzene
Concen: 0.15 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.013 min
Lab File: VV024771.D
Acq: 21 Feb 2022 13:09

Tgt Ion: 78 Resp: 8070





#34

Trichloroethene

Concen: 2.70 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV024771.D

Acq: 21 Feb 2022 13:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 37883

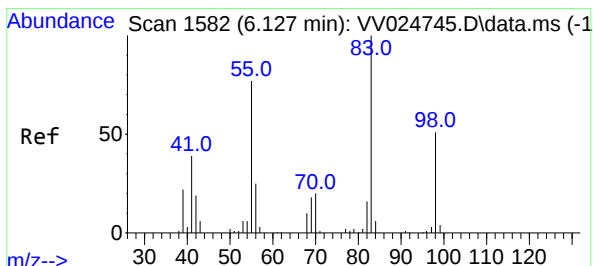
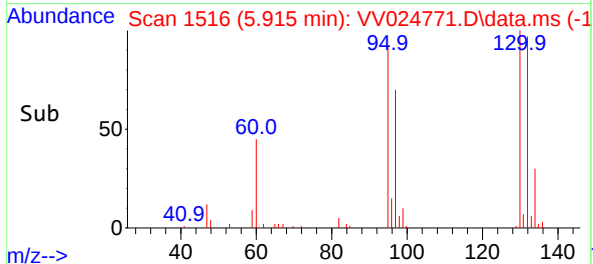
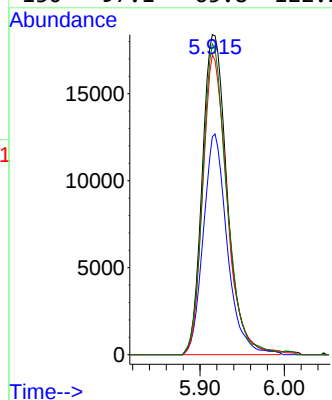
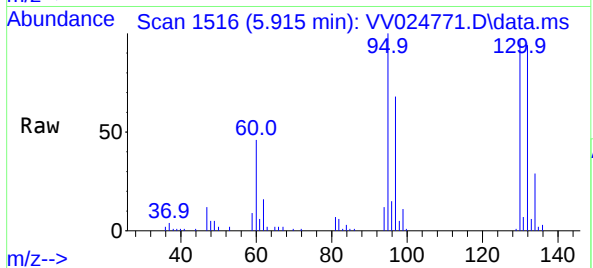
Ion Ratio Lower Upper

95 100

97 68.1 44.2 82.0

132 93.7 62.1 115.3

130 97.1 65.8 122.2



#35

Methylcyclohexane

Concen: 0.65 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024771.D

Acq: 21 Feb 2022 13:09

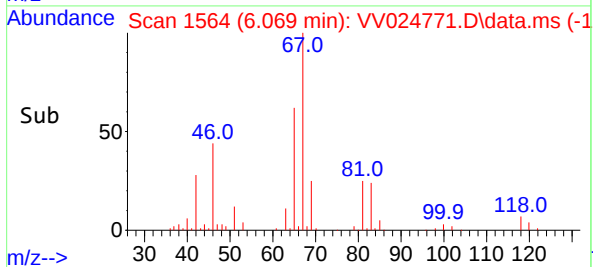
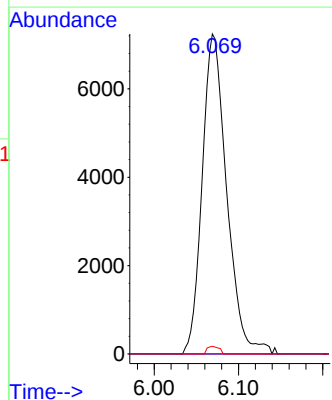
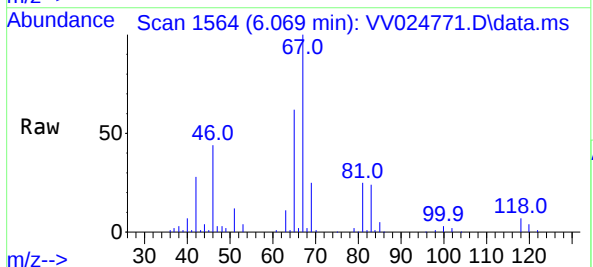
Tgt Ion: 83 Resp: 14682

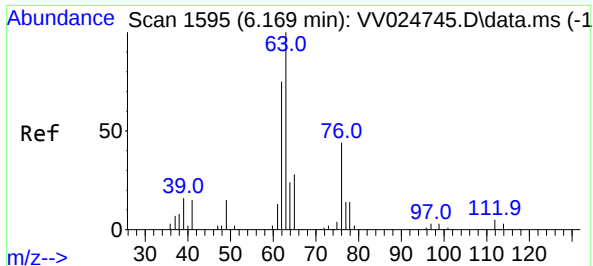
Ion Ratio Lower Upper

83 100

55 1.3 58.8 88.2#

98 1.2 38.6 58.0#

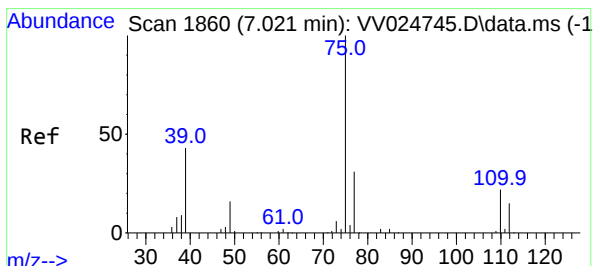
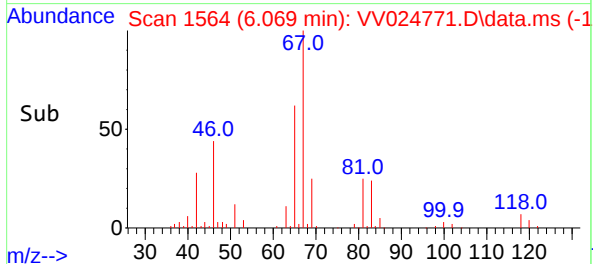
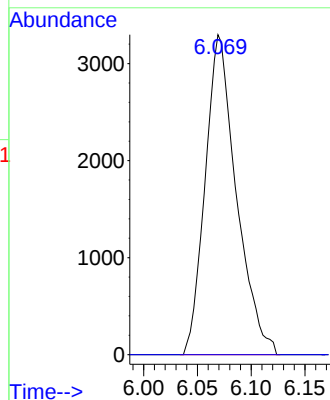
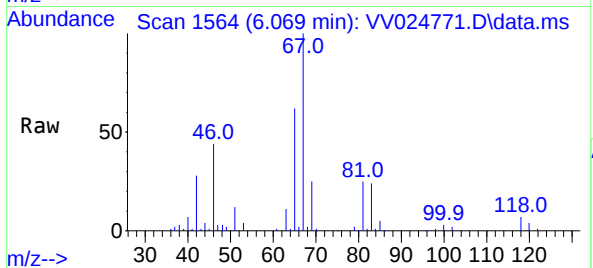




#37
1,2-Dichloropropane
Concen: 0.53 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV024771.D
Acq: 21 Feb 2022 13:09

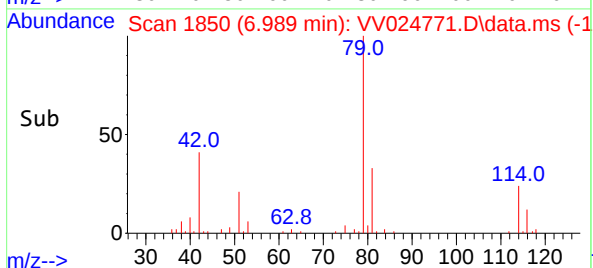
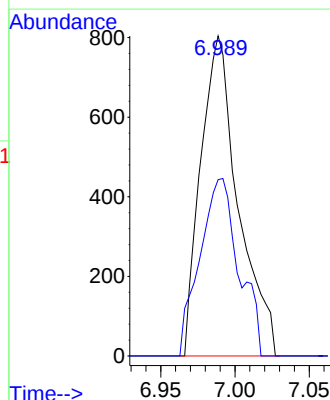
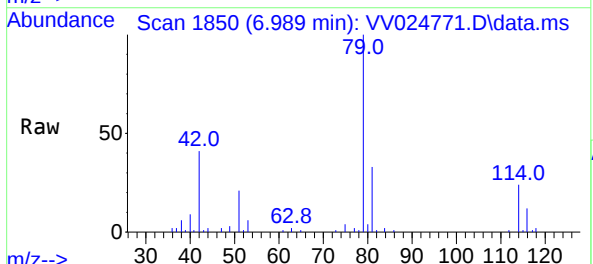
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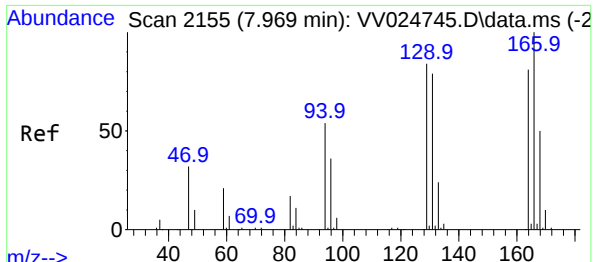
Tgt Ion: 63 Resp: 6656
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.032 min
Lab File: VV024771.D
Acq: 21 Feb 2022 13:09

Tgt Ion: 75 Resp: 1412
Ion Ratio Lower Upper
75 100
77 55.1 22.3 41.5#





#47

Tetrachloroethene

Concen: 0.48 ug/L

RT: 7.979 min Scan# 2155

Delta R.T. 0.010 min

Lab File: VV024771.D

Acq: 21 Feb 2022 13:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 4543

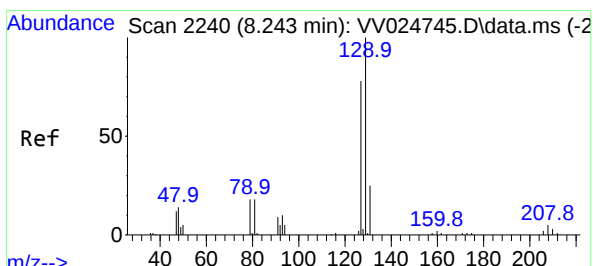
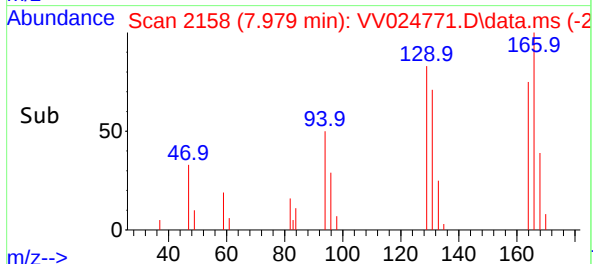
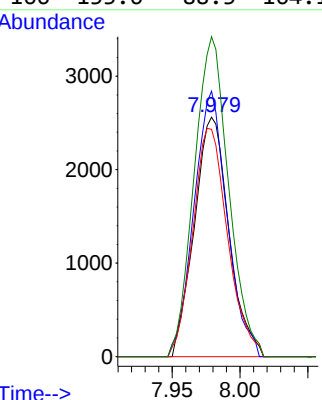
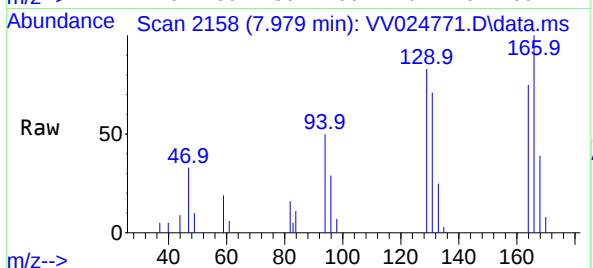
Ion Ratio Lower Upper

164 100

129 110.8 70.3 130.7

131 94.9 67.7 125.7

166 133.6 88.3 164.1



#49

Dibromochloromethane

Concen: 0.53 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV024771.D

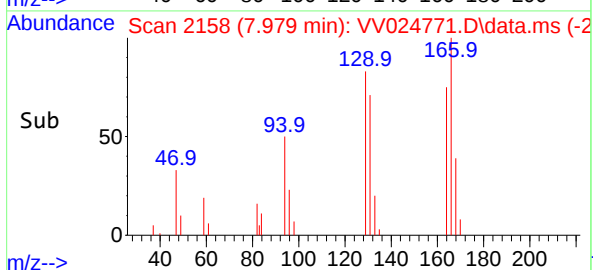
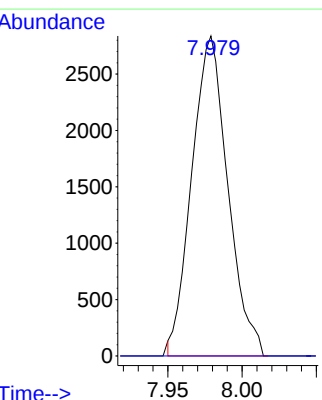
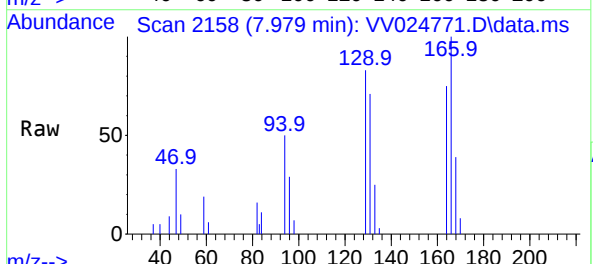
Acq: 21 Feb 2022 13:09

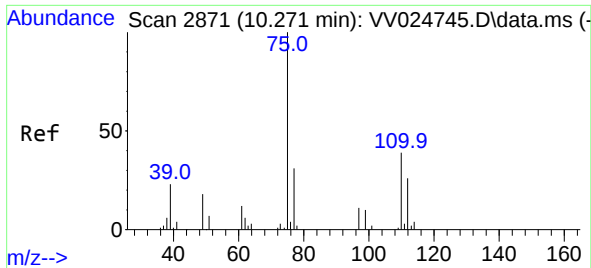
Tgt Ion:129 Resp: 4786

Ion Ratio Lower Upper

129 100

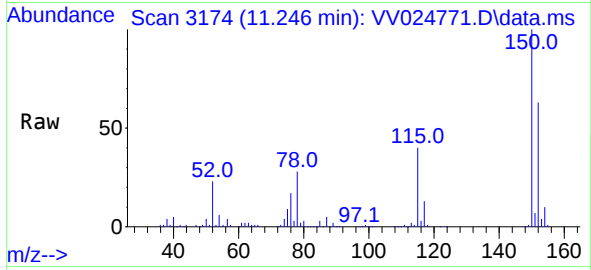
127 0.0 53.6 99.6#





#61
1,2,3-Trichloropropane
Concen: 1.54 ug/L
RT: 11.246 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV024771.D
Acq: 21 Feb 2022 13:09

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 9922
Ion Ratio Lower Upper
75 100
77 31.7 26.3 39.5
110 2.7 30.3 45.5#

