

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021122\
 Data File : VW024596.D
 Acq On : 11 Feb 2022 11:48
 Operator : SY/MD
 Sample : N1476-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

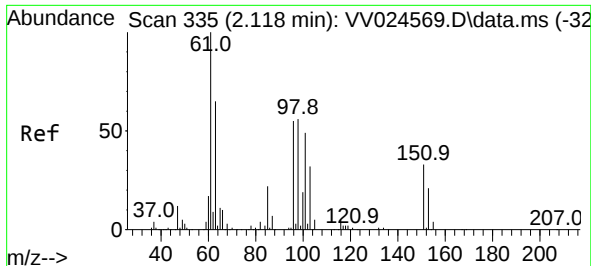
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 13:02:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 11 04:51:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123998	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	123653	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	62428	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40627	3.909	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.568	69	37819	4.304	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.111	63	66686	2.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.600%#
20) 2-Butanone-d5	3.905	46	89169	51.678	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.360%
24) Chloroform-d	4.352	84	81582	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.034	65	40532	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.050	84	166028	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.069	67	50340	4.613	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.317	98	149841	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.625	79	19188	4.354	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.088	63	76693	49.399	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.800%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31473	4.844	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	46639	4.635	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.121	96	1382	0.108	ug/L #	1
13) Acetone	2.198	43	10560	7.755	ug/L	88
15) Methyl Acetate	2.198	43	10560	2.712	ug/L #	50
19) 1,1-Dichloroethane	3.198	63	2430	0.112	ug/L	90
22) cis-1,2-Dichloroethene	3.921	96	543	0.043	ug/L	90
25) Chloroform	4.381	83	24550	1.077	ug/L	98
27) 1,2-Dichloroethane	5.047	62	1057	0.085	ug/L #	73
34) Trichloroethene	5.921	95	3431	0.258	ug/L	79
35) Methylcyclohexane	6.069	83	12095	0.550	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	5723	0.489	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1628	0.091	ug/L #	74
47) Tetrachloroethene	7.976	164	12042	1.366	ug/L	93
49) Dibromochloromethane	7.973	129	11779	1.287	ug/L #	11
72) 1,2,3-Trichlorobenzene	13.747	180	1334	0.120	ug/L	98

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



#12

1,1-Dichloroethene

Concen: 0.108 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV024596.D

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MSVOA_V

ClientSampleId :

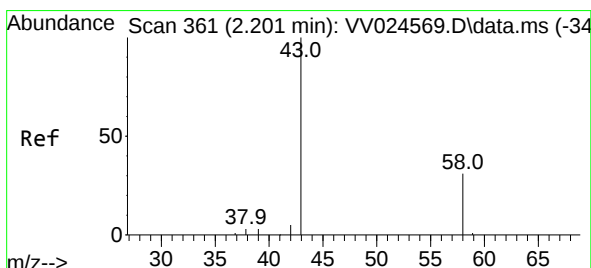
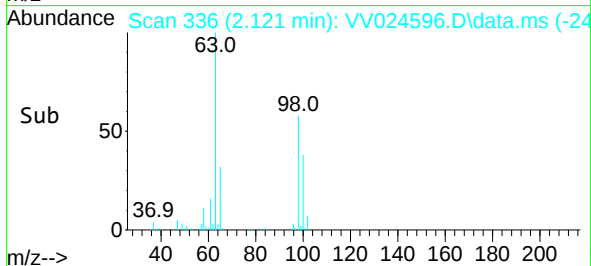
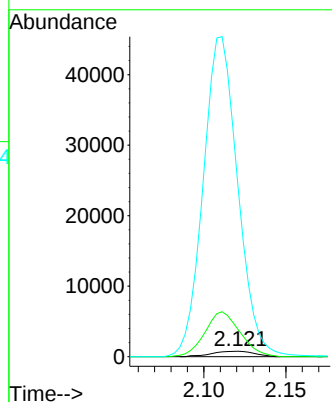
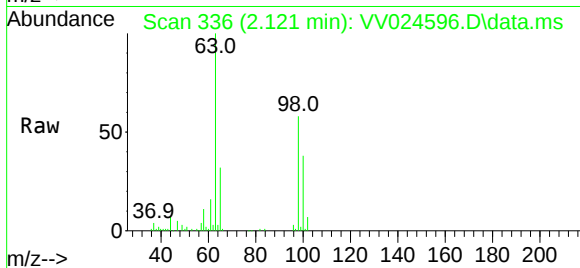
Tgt Ion: 96 Resp: 1382

Ion Ratio Lower Upper

96 100

61 506.8 116.1 215.5#

63 3154.1 79.4 147.4#



#13

Acetone

Concen: 7.755 ug/L

RT: 2.198 min Scan# 360

Delta R.T. -0.003 min

Lab File: VV024596.D

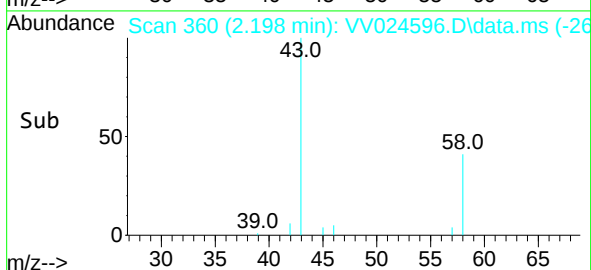
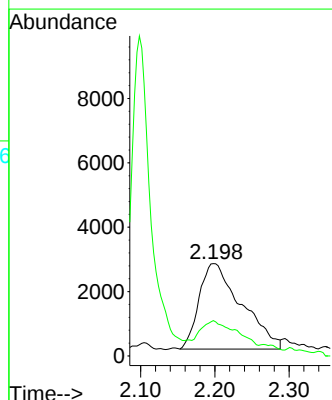
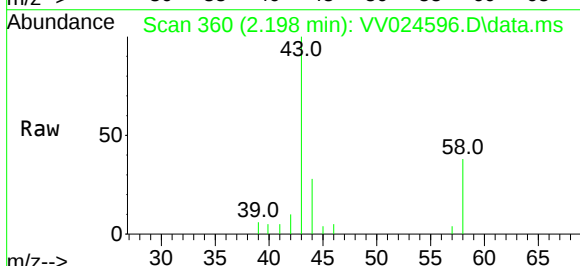
Acq: 11 Feb 2022 11:48

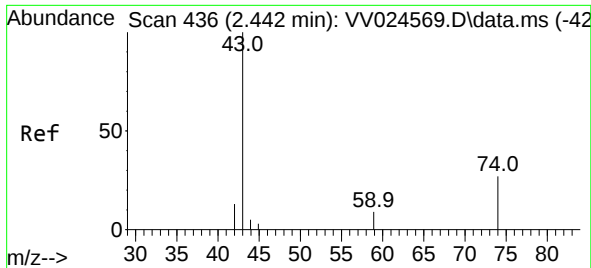
Tgt Ion: 43 Resp: 10560

Ion Ratio Lower Upper

43 100

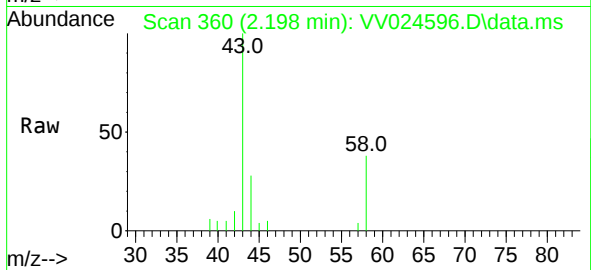
58 26.5 0.0 41.4



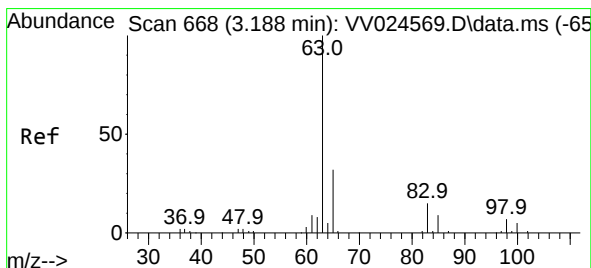
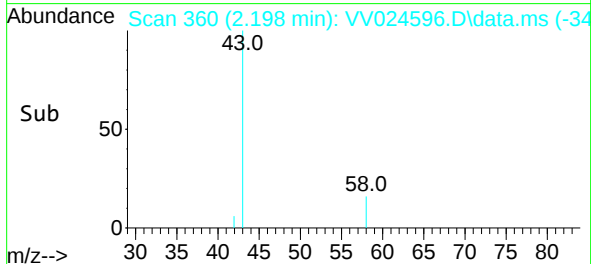
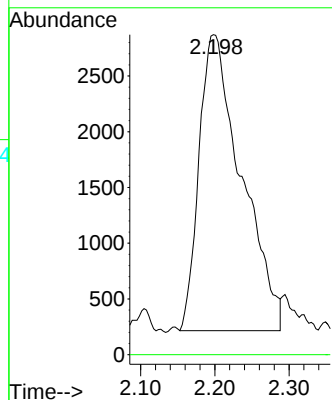


#15
Methyl Acetate
Concen: 2.712 ug/L
RT: 2.198 min Scan# 30
Delta R.T. -0.244 min
Lab File: VV024596.D
Acq: 11 Feb 2022 11:48

Instrument :
MSVOA_V
ClientSampleId :

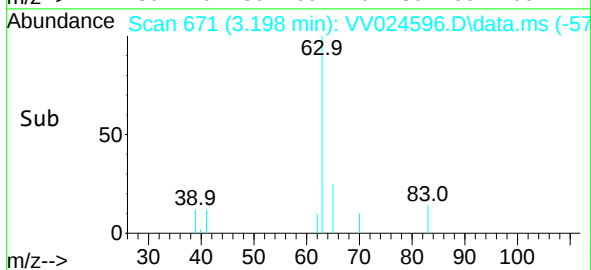
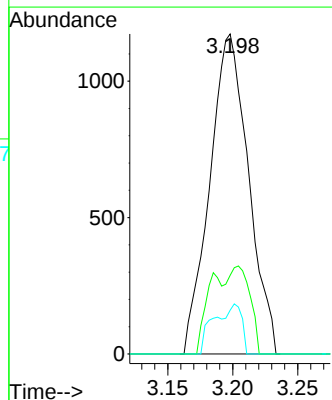
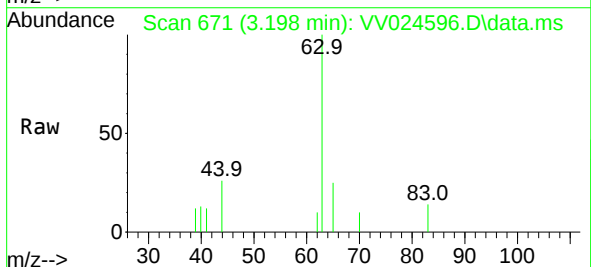


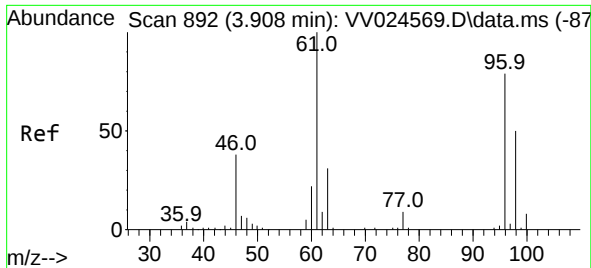
Tgt Ion: 43 Resp: 10560
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#19
1,1-Dichloroethane
Concen: 0.112 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.010 min
Lab File: VV024596.D
Acq: 11 Feb 2022 11:48

Tgt Ion: 63 Resp: 2430
Ion Ratio Lower Upper
63 100
65 24.6 22.3 41.3
83 13.6 10.7 19.9

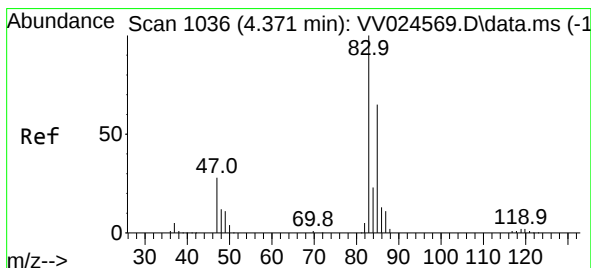
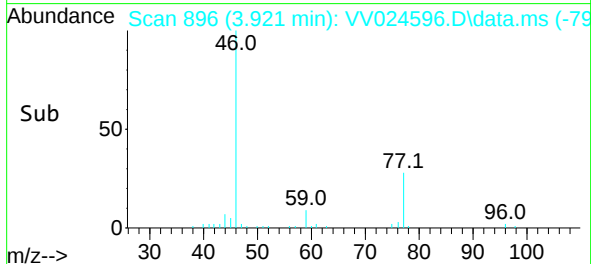
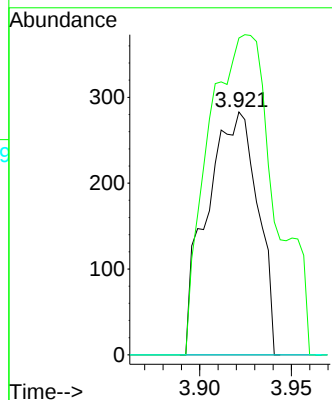
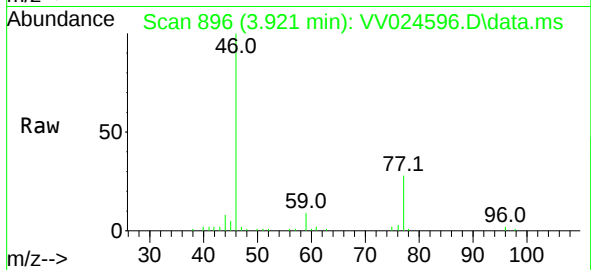




#22
 cis-1,2-Dichloroethene
 Concen: 0.043 ug/L
 RT: 3.921 min Scan# 896
 Delta R.T. 0.013 min
 Lab File: VV024596.D
 Acq: 11 Feb 2022 11:48

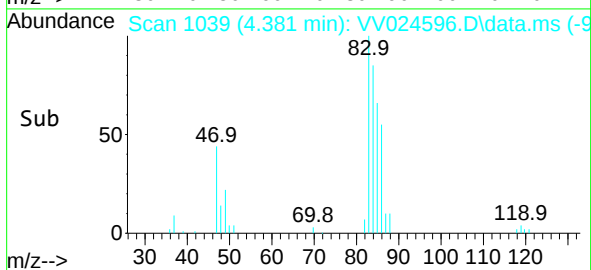
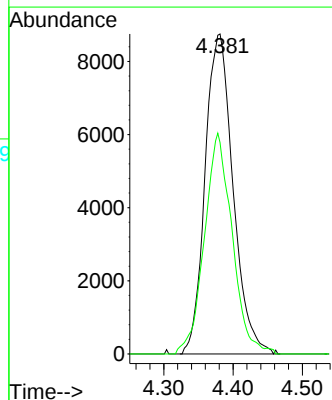
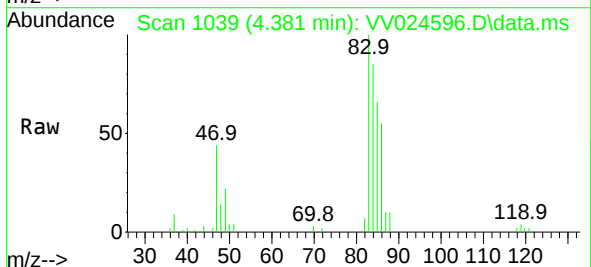
Instrument :
 MSVOA_V
 ClientSampleId :

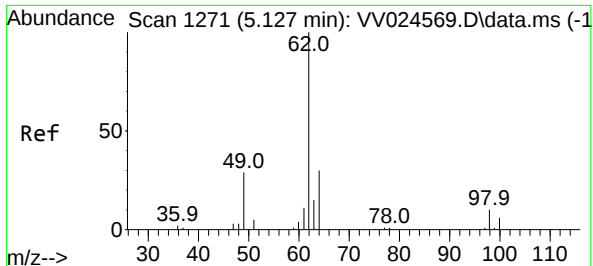
Tgt Ion: 96 Resp: 543
 Ion Ratio Lower Upper
 96 100
 61 130.4 83.4 154.8
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.077 ug/L
 RT: 4.381 min Scan# 1039
 Delta R.T. 0.010 min
 Lab File: VV024596.D
 Acq: 11 Feb 2022 11:48

Tgt Ion: 83 Resp: 24550
 Ion Ratio Lower Upper
 83 100
 85 66.1 45.2 84.0





#27

1,2-Dichloroethane

Concen: 0.085 ug/L

RT: 5.047 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV024596.D

Acq: 11 Feb 2022 11:48

Instrument :

MSVOA_V

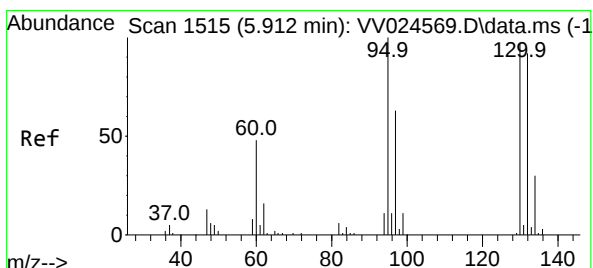
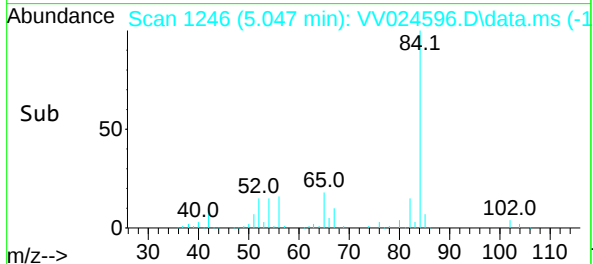
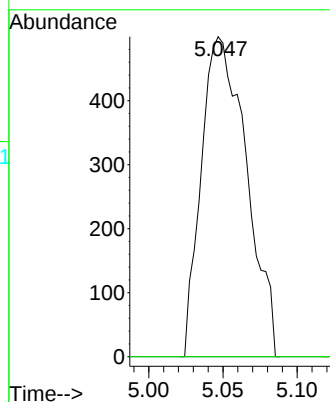
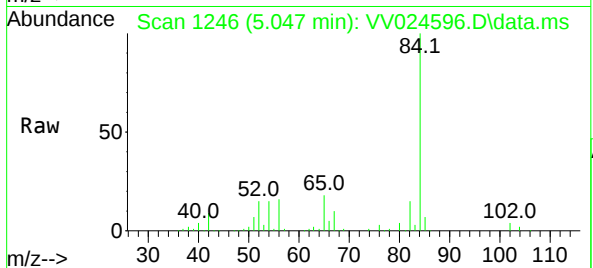
ClientSampleId :

Tgt Ion: 62 Resp: 1057

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#34

Trichloroethene

Concen: 0.258 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.010 min

Lab File: VV024596.D

Acq: 11 Feb 2022 11:48

Tgt Ion: 95 Resp: 3431

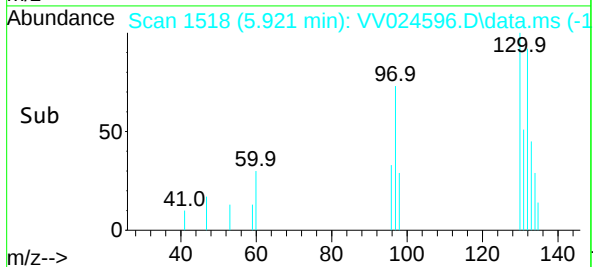
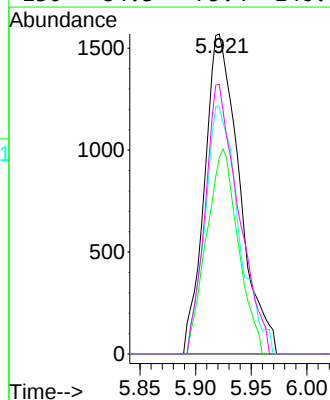
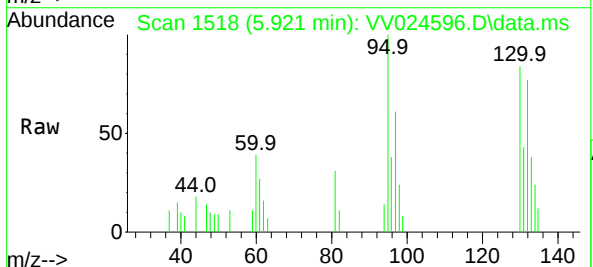
Ion Ratio Lower Upper

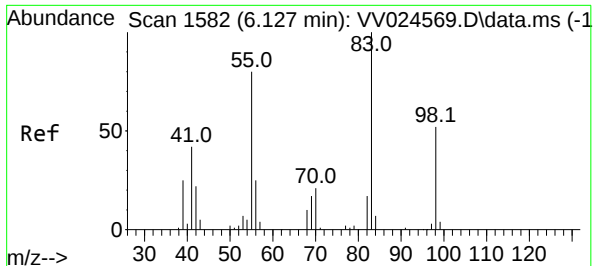
95 100

97 61.3 45.2 84.0

132 77.3 76.1 141.3

130 84.3 75.4 140.0





#35

Methylcyclohexane

Concen: 0.550 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV024596.D

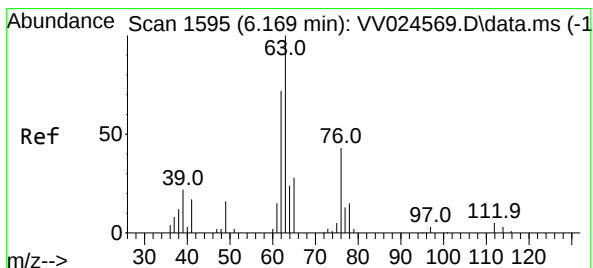
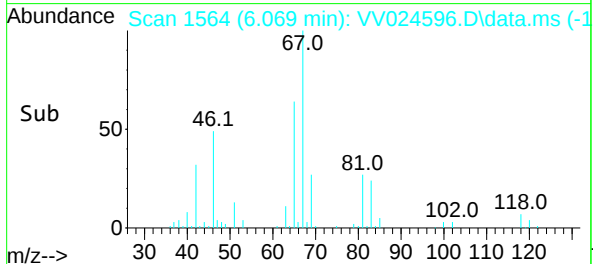
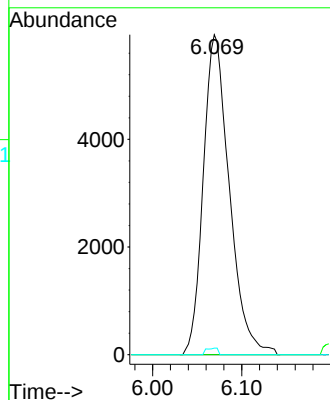
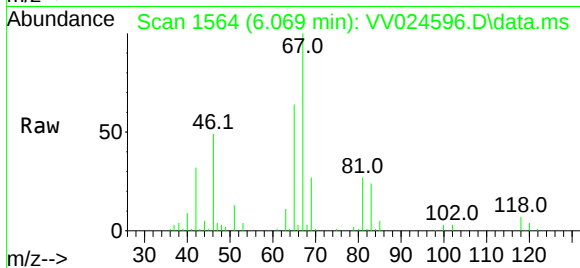
Acq: 11 Feb 2022 11:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 12095
Ion Ratio	Lower Upper
83 100	
55 5.7	60.2 90.2#
98 0.9	41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.489 ug/L

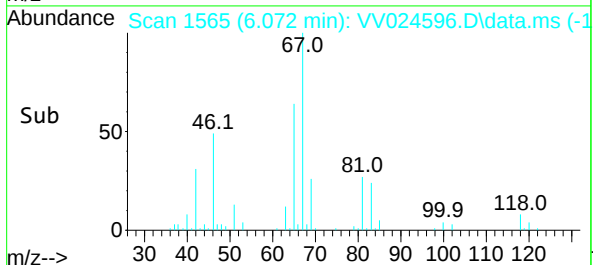
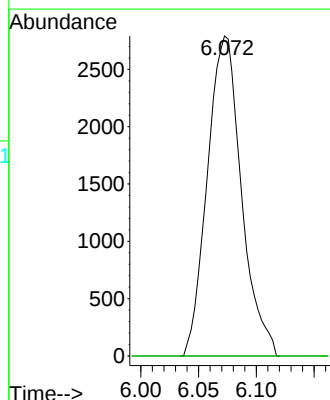
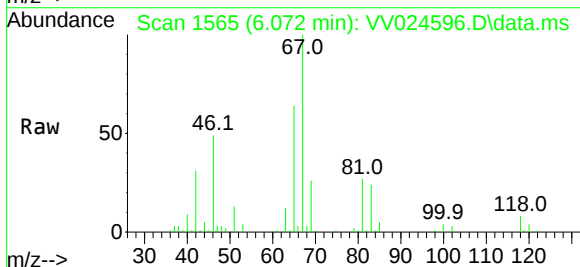
RT: 6.072 min Scan# 1565

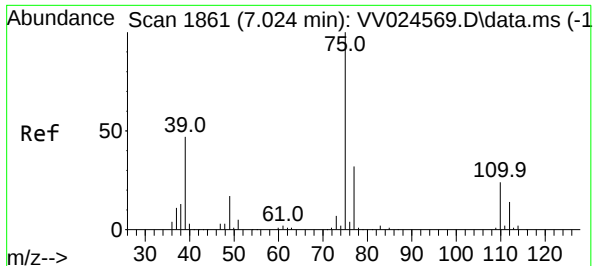
Delta R.T. -0.096 min

Lab File: VV024596.D

Acq: 11 Feb 2022 11:48

Tgt Ion: 63	Resp: 5723
Ion Ratio	Lower Upper
63 100	
112 0.0	4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV024596.D

Acq: 11 Feb 2022 11:48

Instrument :

MSVOA_V

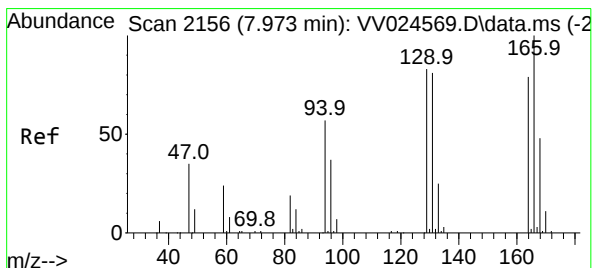
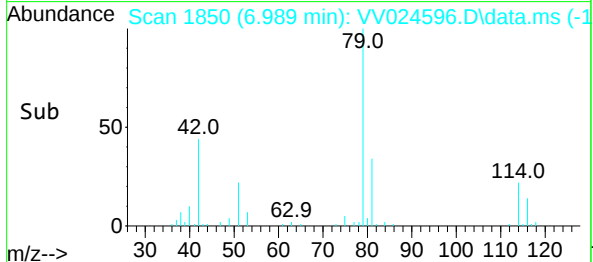
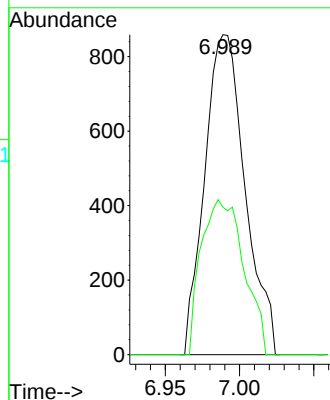
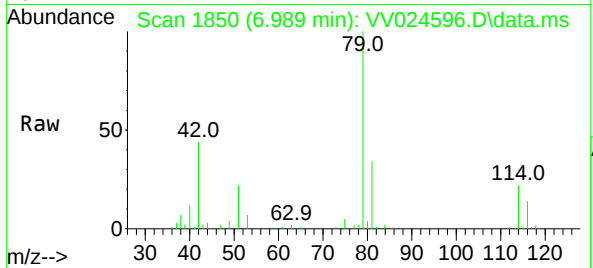
ClientSampleId :

Tgt Ion: 75 Resp: 1628

Ion Ratio Lower Upper

75 100

77 46.1 22.0 41.0#



#47

Tetrachloroethene

Concen: 1.366 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024596.D

Acq: 11 Feb 2022 11:48

Tgt Ion: 164 Resp: 12042

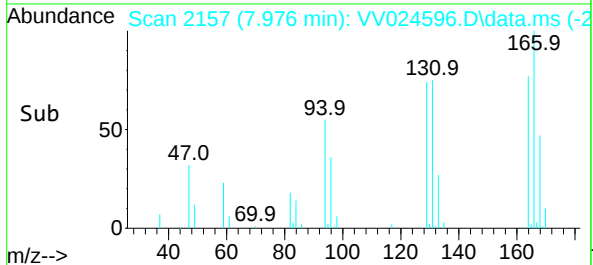
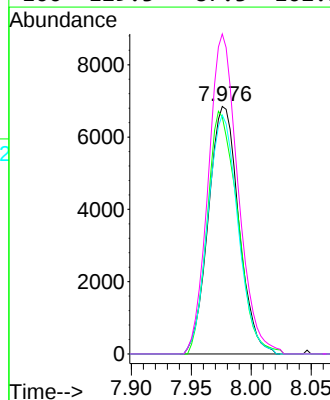
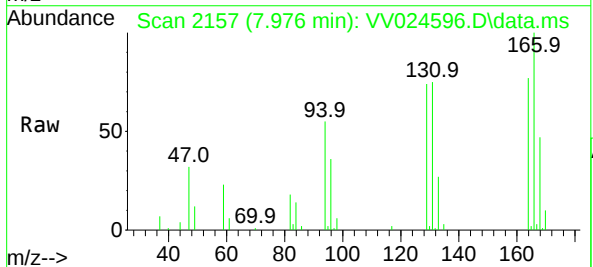
Ion Ratio Lower Upper

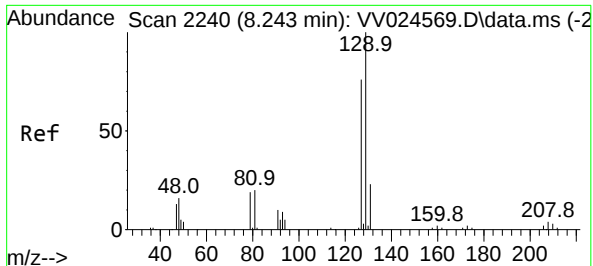
164 100

129 95.7 62.6 116.2

131 96.5 61.0 113.4

166 129.3 87.3 162.1





#49

Dibromochloromethane

Concen: 1.287 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV024596.D

Acq: 11 Feb 2022 11:48

Instrument :

MSVOA_V

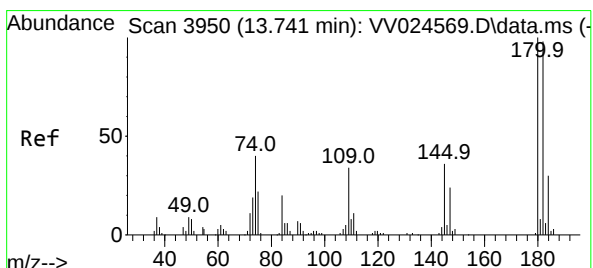
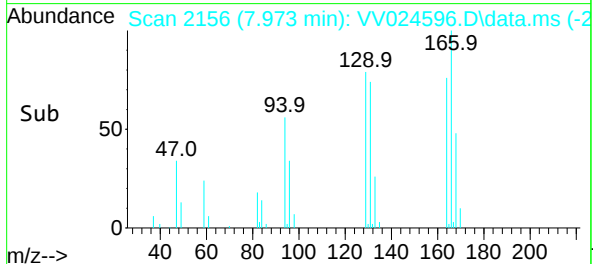
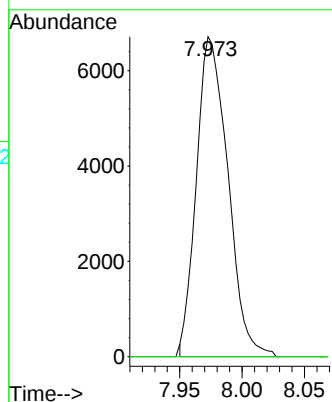
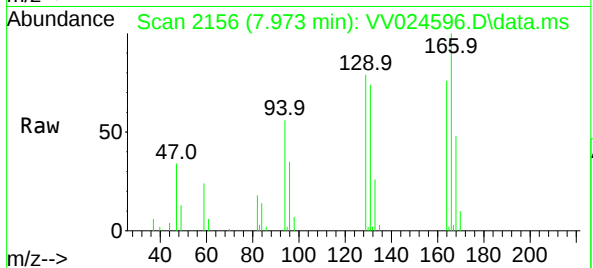
ClientSampleId :

Tgt Ion:129 Resp: 11779

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#72

1,2,3-Trichlorobenzene

Concen: 0.120 ug/L

RT: 13.747 min Scan# 3952

Delta R.T. 0.006 min

Lab File: VV024596.D

Acq: 11 Feb 2022 11:48

Tgt Ion:180 Resp: 1334

Ion Ratio Lower Upper

180 100

182 96.6 76.8 115.2

145 36.4 25.8 38.6

