

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022222\
 Data File : VW024795.D
 Acq On : 22 Feb 2022 14:22
 Operator : SY/MD
 Sample : N1623-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 23 01:07:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 22 03:27:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	160548	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	147073	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63182	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	70892	5.206	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.200%
7) Chloroethane-d5	1.568	69	56969	5.100	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.108	63	90666	3.633	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.889	46	97951	50.358	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.720%
24) Chloroform-d	4.349	84	104977	4.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.034	65	47651	5.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.053	84	227322	5.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
36) 1,2-Dichloropropane-d6	6.069	67	67384	5.397	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.000%
41) Toluene-d8	7.317	98	193912	5.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	7.625	79	20956	5.038	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.088	63	72109	44.057	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.120%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37662	5.005	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	56537	5.172	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%

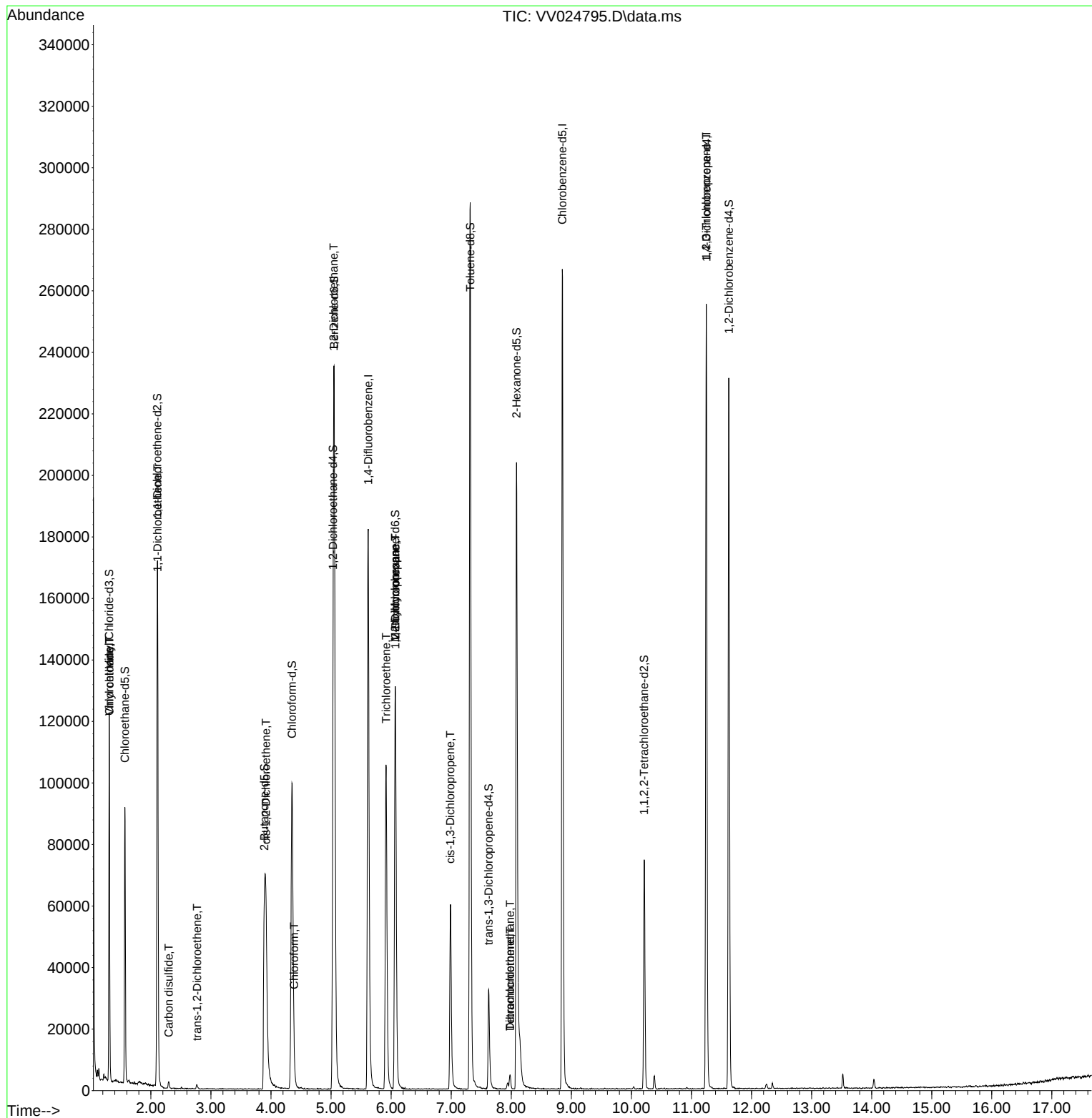
Target Compounds				Qvalue		
5) Vinyl chloride	1.311	62	1720	0.100	ug/L #	19
8) Chloroethane	1.311	64	1319	0.125	ug/L #	1
12) 1,1-Dichloroethene	2.114	96	1468	0.117	ug/L #	1
14) Carbon disulfide	2.298	76	2638	0.075	ug/L	99
18) trans-1,2-Dichloroethene	2.770	96	487	0.040	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	22482	1.742	ug/L	94
25) Chloroform	4.384	83	1790	0.077	ug/L	96
27) 1,2-Dichloroethane	5.043	62	1254	0.101	ug/L #	73
34) Trichloroethene	5.918	95	37581	2.849	ug/L	95
35) Methylcyclohexane	6.069	83	15381	0.722	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	7128	0.606	ug/L #	86
39) cis-1,3-Dichloropropene	6.986	75	1440	0.088	ug/L	87
47) Tetrachloroethene	7.982	164	1051	0.117	ug/L	93
49) Dibromochloromethane	7.982	129	1177	0.139	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8767	1.531	ug/L #	65

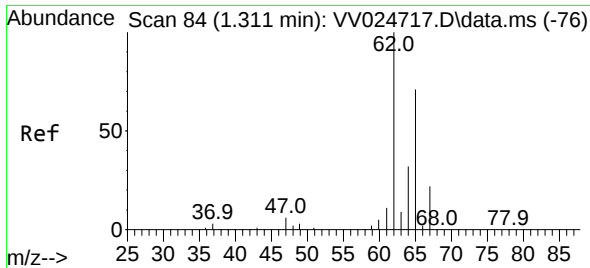
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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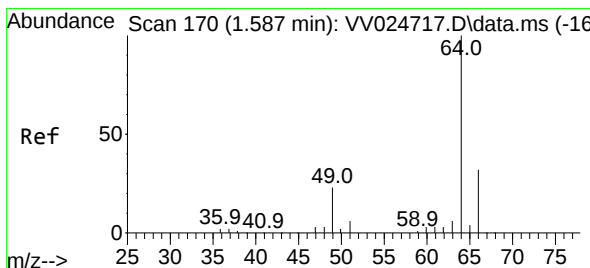
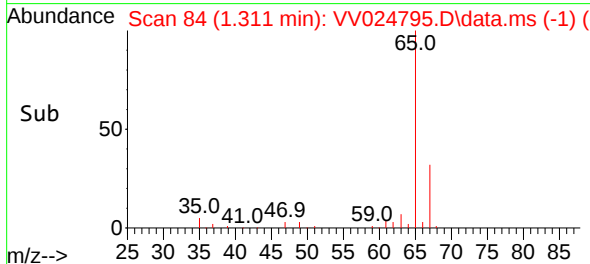
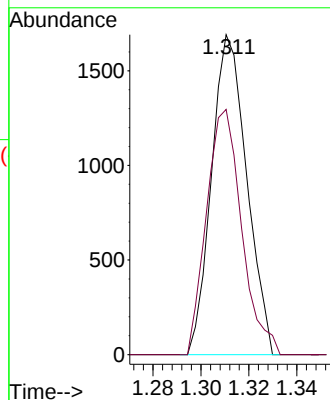
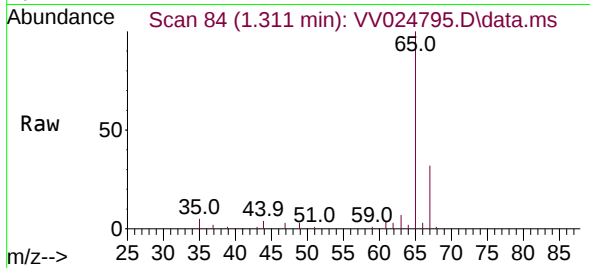




#5
 Vinyl chloride
 Concen: 0.100 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV024795.D
 Acq: 22 Feb 2022 14:22

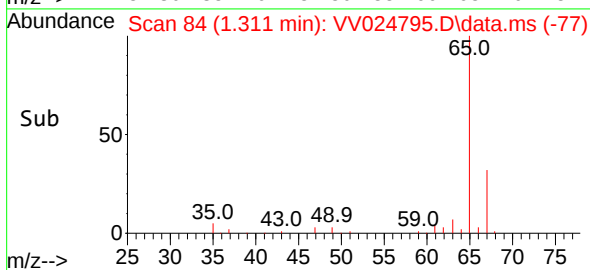
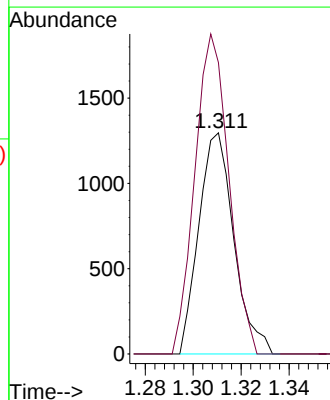
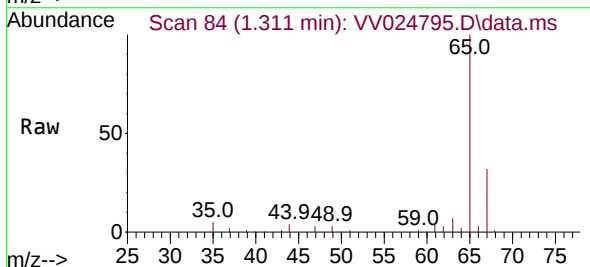
Instrument :
 MSVOA_V
 ClientSampleId :

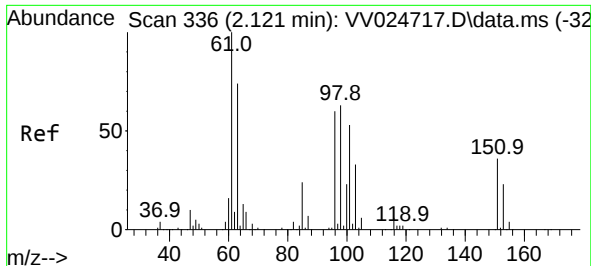
Tgt Ion: 62 Resp: 1720
 Ion Ratio Lower Upper
 62 100
 64 76.6 22.2 41.2#



#8
 Chloroethane
 Concen: 0.125 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.276 min
 Lab File: VV024795.D
 Acq: 22 Feb 2022 14:22

Tgt Ion: 64 Resp: 1319
 Ion Ratio Lower Upper
 64 100
 66 131.8 22.5 41.9#

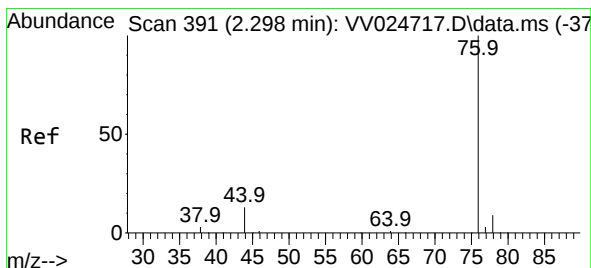
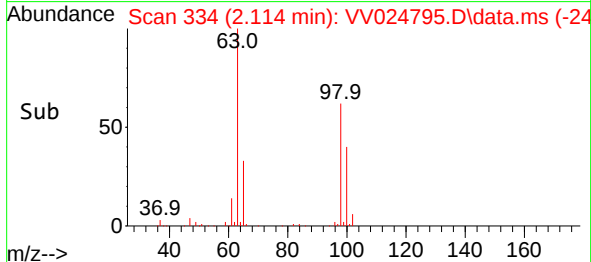
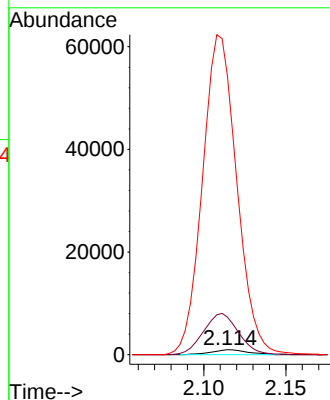
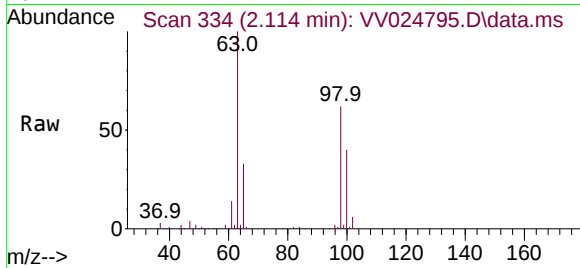




#12
1,1-Dichloroethene
Concen: 0.117 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV024795.D
Acq: 22 Feb 2022 14:22

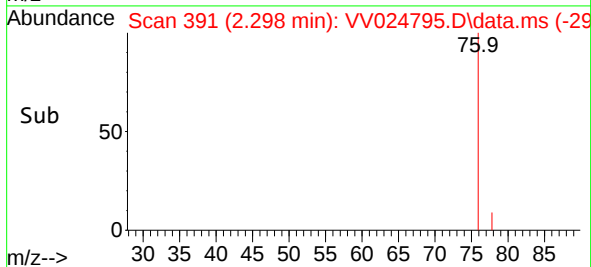
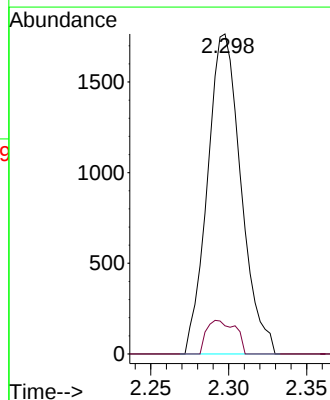
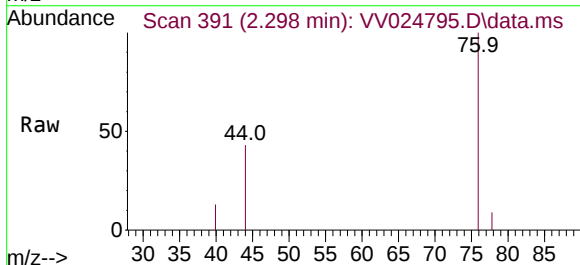
Instrument :
MSVOA_V
ClientSampleId :

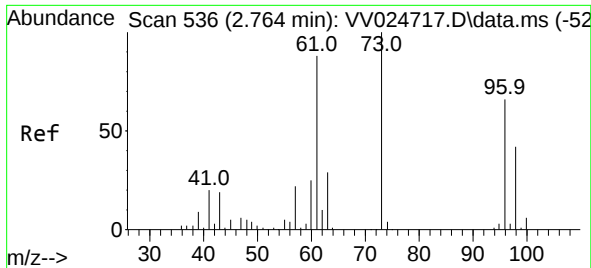
Tgt Ion: 96 Resp: 1468
Ion Ratio Lower Upper
96 100
61 755.4 116.3 216.1#
63 5595.1 86.0 159.6#



#14
Carbon disulfide
Concen: 0.075 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV024795.D
Acq: 22 Feb 2022 14:22

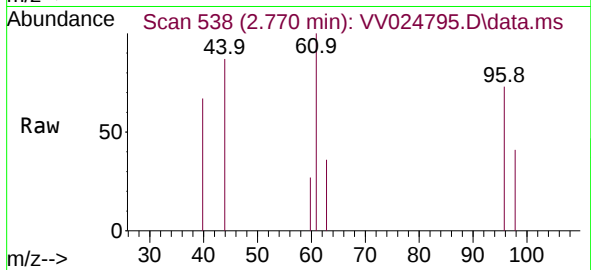
Tgt Ion: 76 Resp: 2638
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



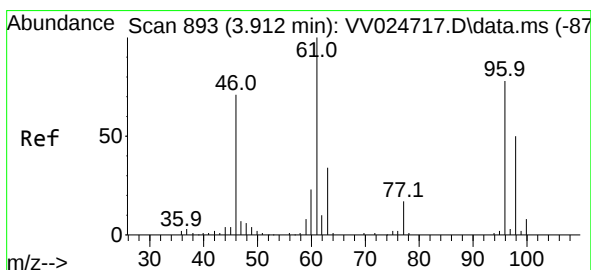
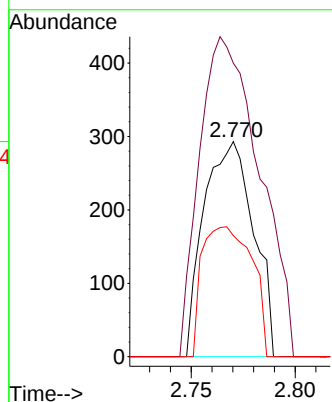
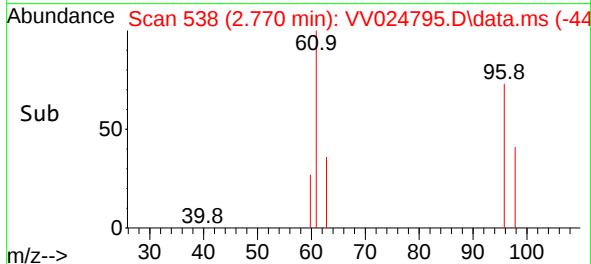


#18
trans-1,2-Dichloroethene
Concen: 0.040 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV024795.D
Acq: 22 Feb 2022 14:22

Instrument :
MSVOA_V
ClientSampleId :

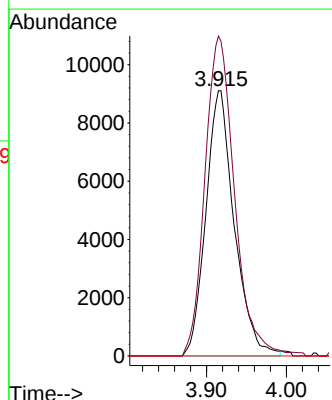
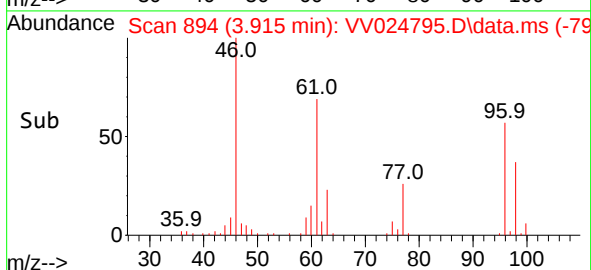
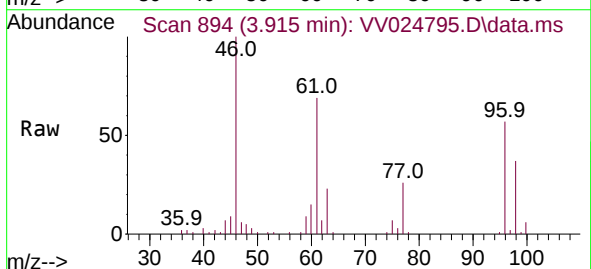


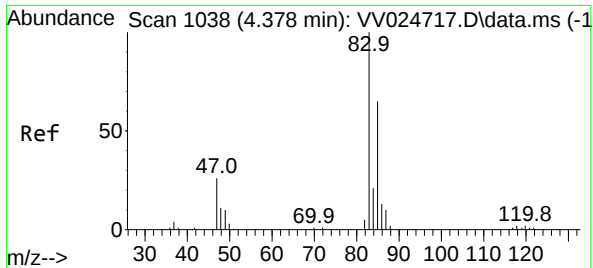
Tgt Ion: 96 Resp: 487
Ion Ratio Lower Upper
96 100
61 136.5 92.9 172.5
98 56.3 44.5 82.7



#22
cis-1,2-Dichloroethene
Concen: 1.742 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV024795.D
Acq: 22 Feb 2022 14:22

Tgt Ion: 96 Resp: 22482
Ion Ratio Lower Upper
96 100
61 120.6 89.7 166.5
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.077 ug/L

RT: 4.384 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV024795.D

Acq: 22 Feb 2022 14:22

Instrument :

MSVOA_V

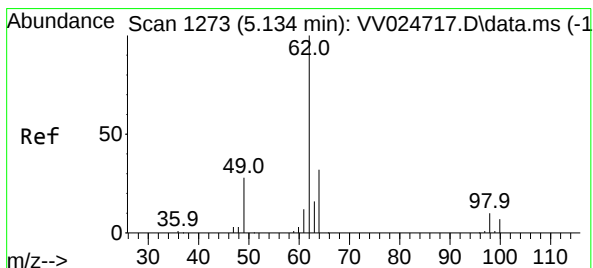
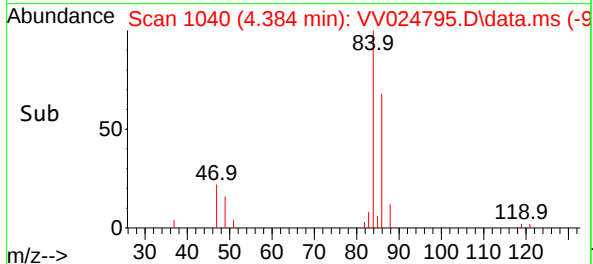
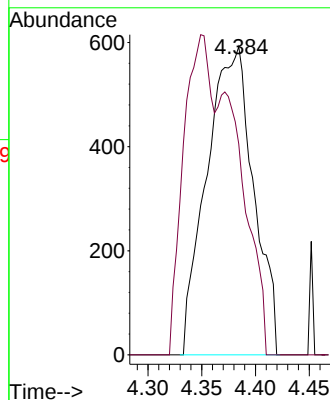
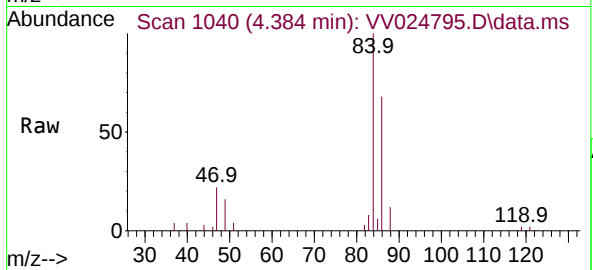
ClientSampleId :

Tgt Ion: 83 Resp: 1790

Ion Ratio Lower Upper

83 100

85 68.4 45.5 84.5



#27

1,2-Dichloroethane

Concen: 0.101 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.080 min

Lab File: VV024795.D

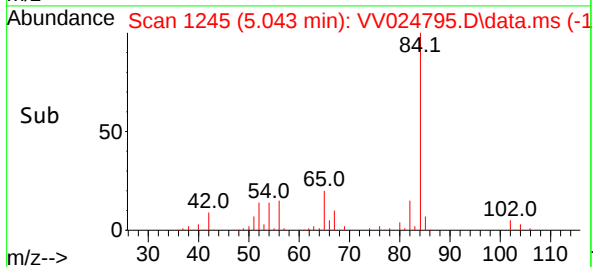
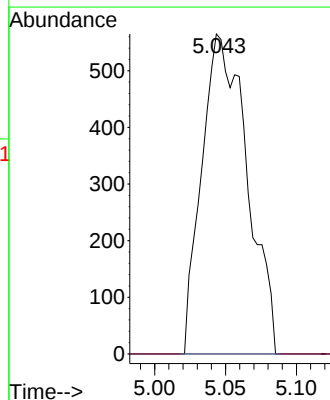
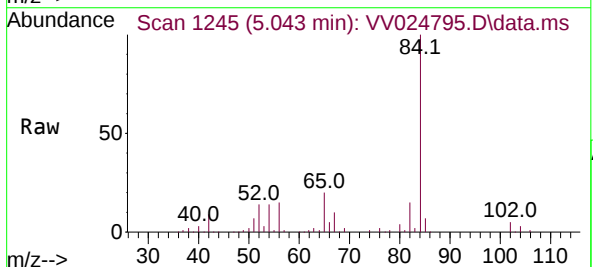
Acq: 22 Feb 2022 14:22

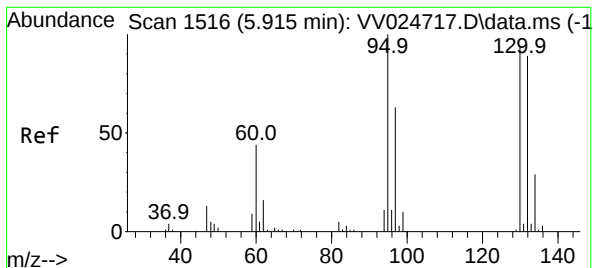
Tgt Ion: 62 Resp: 1254

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#





#34

Trichloroethene

Concen: 2.849 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV024795.D

Acq: 22 Feb 2022 14:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 37581

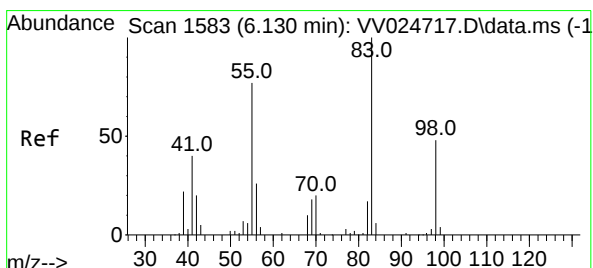
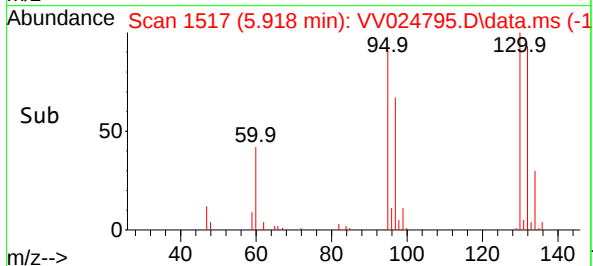
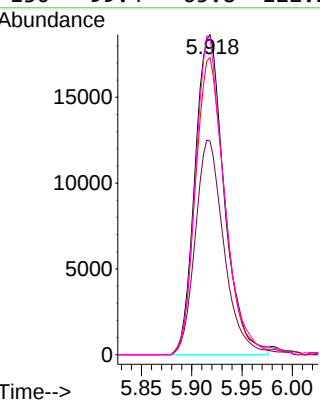
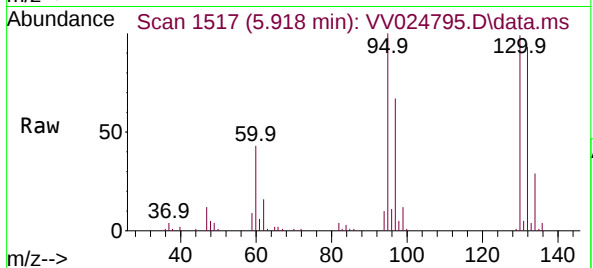
Ion Ratio Lower Upper

95 100

97 66.8 44.2 82.0

132 92.8 62.1 115.3

130 99.4 65.8 122.2



#35

Methylcyclohexane

Concen: 0.722 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024795.D

Acq: 22 Feb 2022 14:22

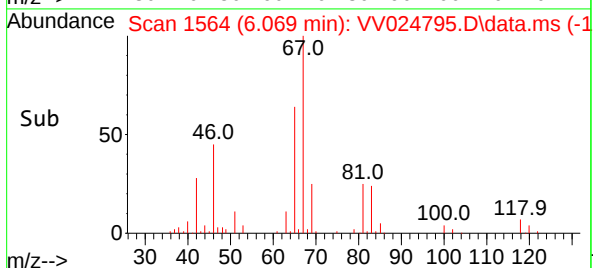
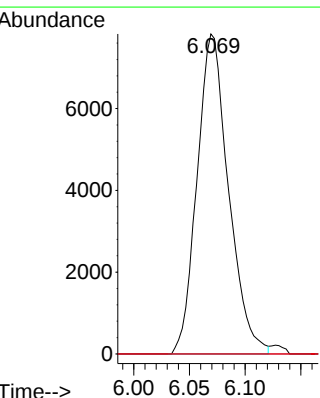
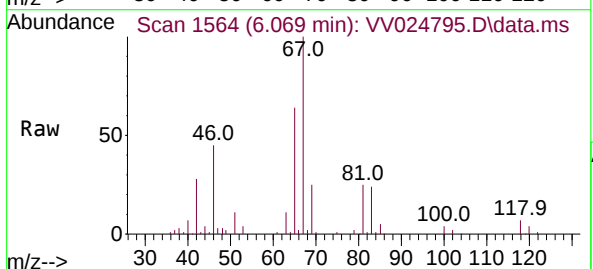
Tgt Ion: 83 Resp: 15381

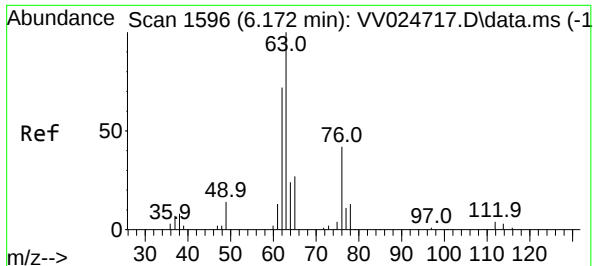
Ion Ratio Lower Upper

83 100

55 0.0 58.8 88.2#

98 0.7 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.606 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV024795.D

Acq: 22 Feb 2022 14:22

Instrument :

MSVOA_V

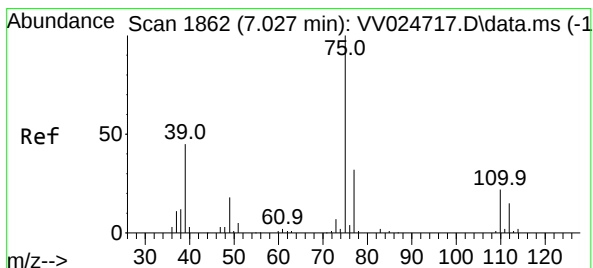
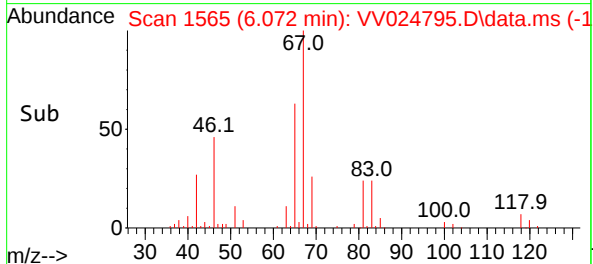
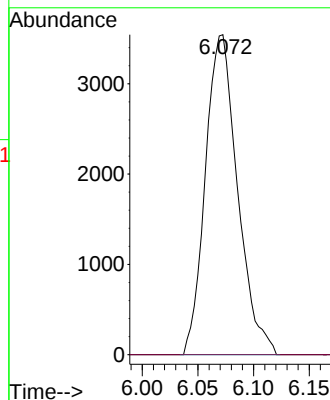
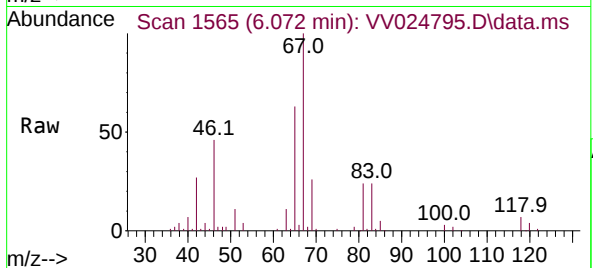
ClientSampleId :

Tgt Ion: 63 Resp: 7128

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV024795.D

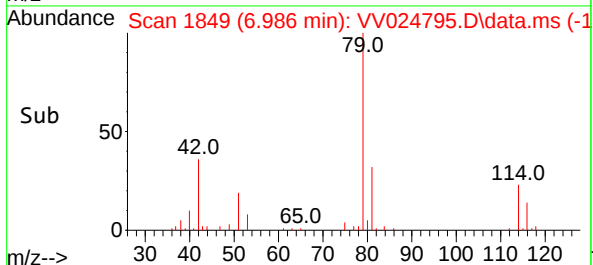
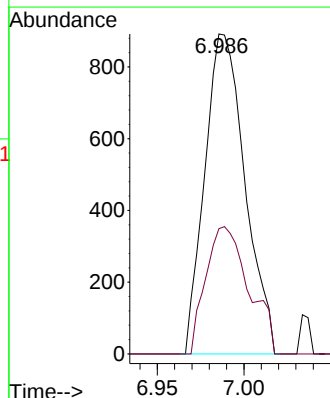
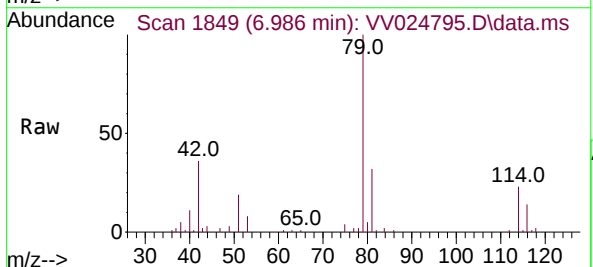
Acq: 22 Feb 2022 14:22

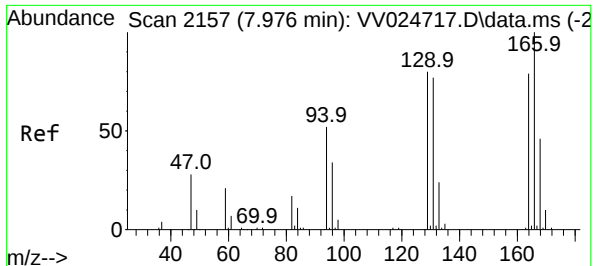
Tgt Ion: 75 Resp: 1440

Ion Ratio Lower Upper

75 100

77 39.1 22.3 41.5





#47

Tetrachloroethene

Concen: 0.117 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.010 min

Lab File: VV024795.D

Acq: 22 Feb 2022 14:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 1051

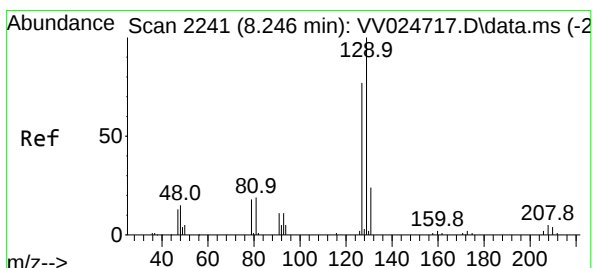
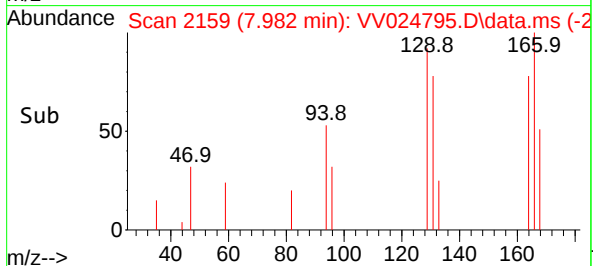
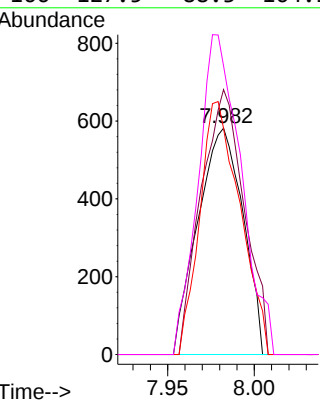
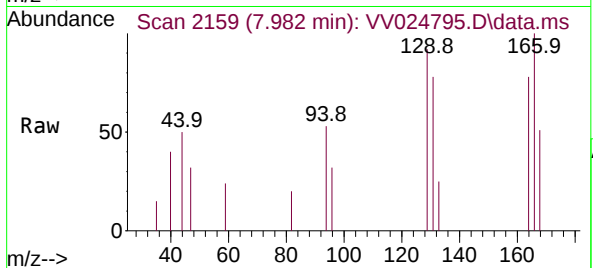
Ion Ratio Lower Upper

164 100

129 117.0 70.3 130.7

131 99.8 67.7 125.7

166 127.5 88.3 164.1



#49

Dibromochloromethane

Concen: 0.139 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.260 min

Lab File: VV024795.D

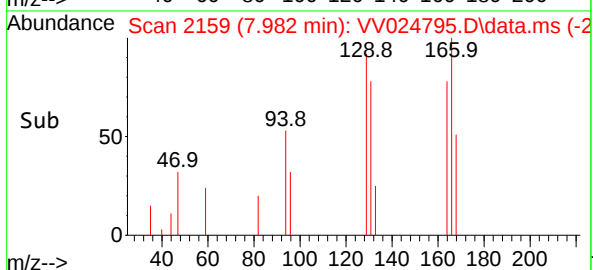
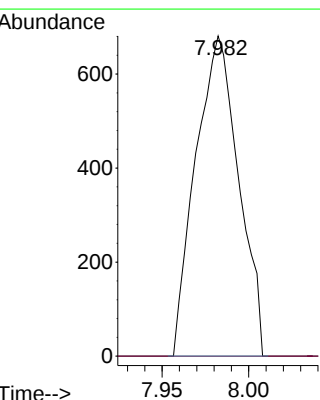
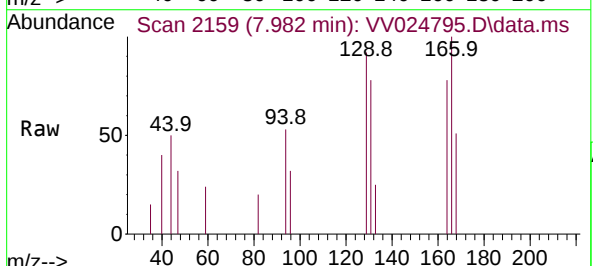
Acq: 22 Feb 2022 14:22

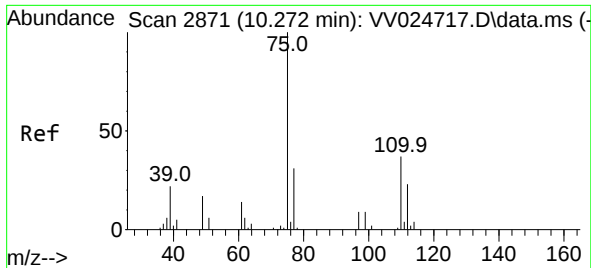
Tgt Ion:129 Resp: 1177

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#





#61

1,2,3-Trichloropropane

Concen: 1.531 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.978 min

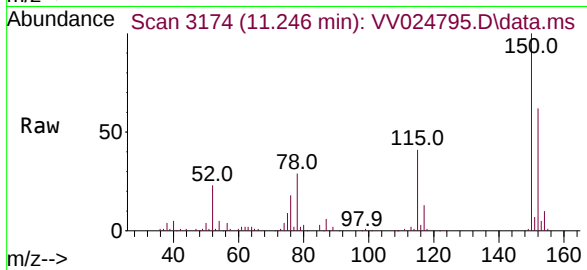
Lab File: VV024795.D

Acq: 22 Feb 2022 14:22

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 8767

Ion Ratio Lower Upper

75 100

77 31.1 26.3 39.5

110 0.7 30.3 45.5#

