

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022122\
 Data File : VW024778.D
 Acq On : 21 Feb 2022 16:18
 Operator : SY/MD
 Sample : N1623-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 22 03:30:10 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)

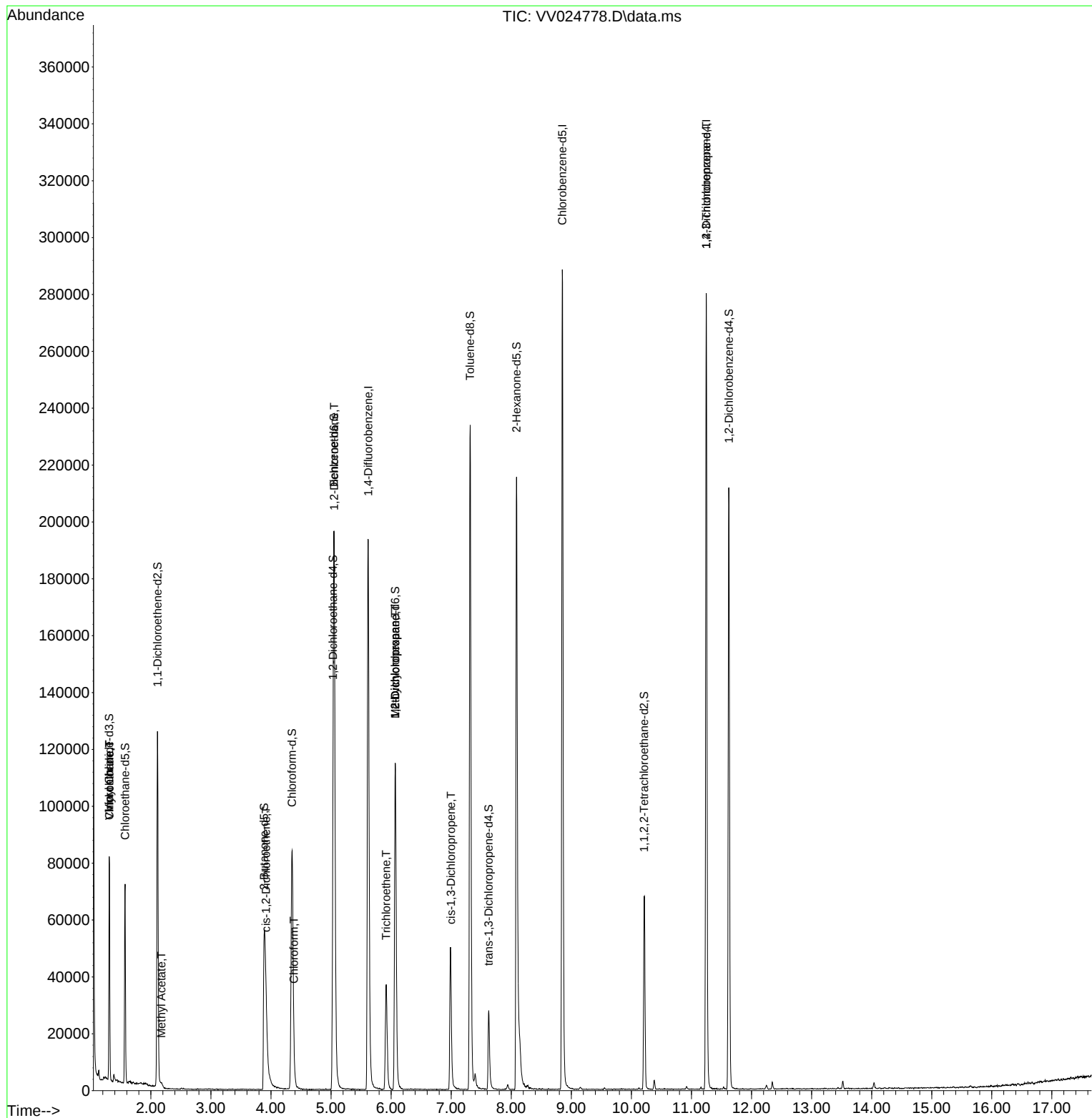
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	170591	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	156863	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	68740	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	48108	3.325	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.400%	
7) Chloroethane-d5	1.571	69	44165	3.721	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.400%	
11) 1,1-Dichloroethene-d2	2.111	63	66082	2.492	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	49.800%#	
20) 2-Butanone-d5	3.886	46	102260	49.478	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.960%	
24) Chloroform-d	4.349	84	90010	3.987	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.800%	
26) 1,2-Dichloroethane-d4	5.034	65	42733	4.246	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.000%	
32) Benzene-d6	5.050	84	185958	4.109	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.200%	
36) 1,2-Dichloropropane-d6	6.069	67	57741	4.336	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.800%	
41) Toluene-d8	7.317	98	157504	3.830	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.600%	
43) trans-1,3-Dichloroprop...	7.625	79	18111	4.082	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.600%	
46) 2-Hexanone-d5	8.088	63	76901	44.052	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.100%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33888	4.222	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	51627	4.341	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.800%	
Target Compounds						
5) Vinyl chloride	1.311	62	978	0.054	ug/L #	1
8) Chloroethane	1.311	64	849	0.076	ug/L #	1
15) Methyl Acetate	2.175	43	2822	0.740	ug/L #	49
22) cis-1,2-Dichloroethene	3.915	96	6599	0.481	ug/L	98
25) Chloroform	4.381	83	2645	0.107	ug/L	93
27) 1,2-Dichloroethane	5.053	62	1162	0.088	ug/L #	73
34) Trichloroethene	5.918	95	13126	0.933	ug/L	97
35) Methylcyclohexane	6.069	83	13643	0.600	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	6279	0.500	ug/L #	86
39) cis-1,3-Dichloropropene	6.995	75	1388	0.080	ug/L #	78
61) 1,2,3-Trichloropropane	11.246	75	8868	1.424	ug/L #	67

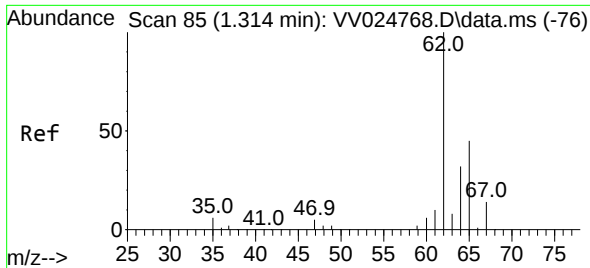
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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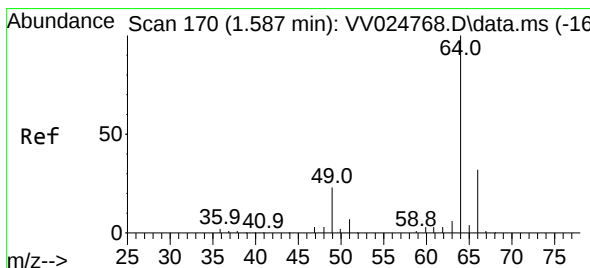
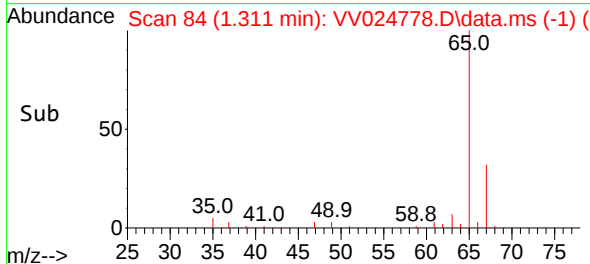
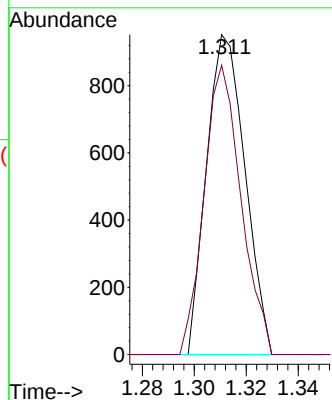
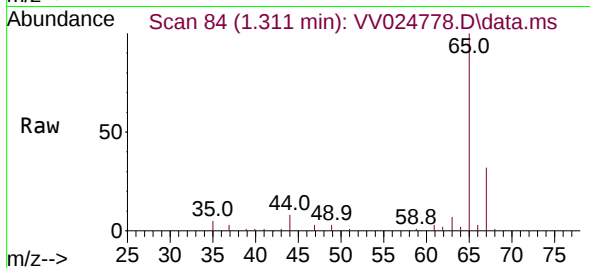




#5
 Vinyl chloride
 Concen: 0.054 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV024778.D
 Acq: 21 Feb 2022 16:18

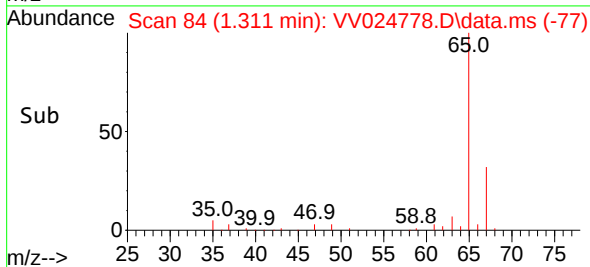
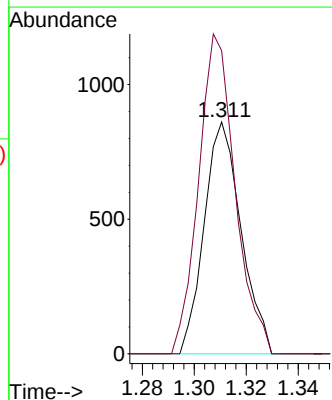
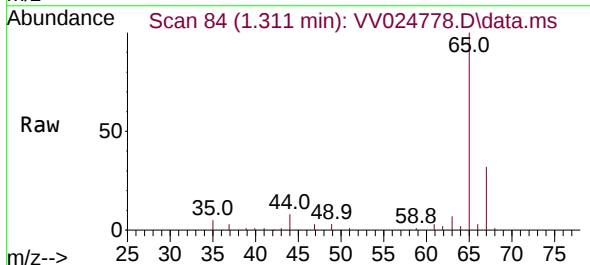
Instrument :
 MSVOA_V
 ClientSampleId :

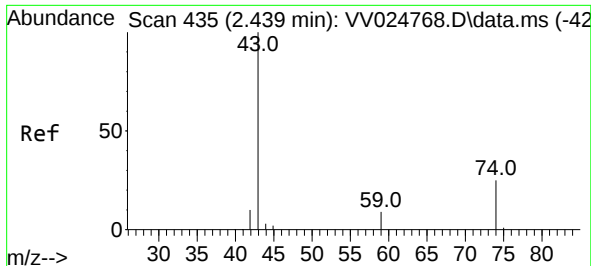
Tgt Ion: 62 Resp: 978
 Ion Ratio Lower Upper
 62 100
 64 90.4 22.2 41.2#



#8
 Chloroethane
 Concen: 0.076 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.276 min
 Lab File: VV024778.D
 Acq: 21 Feb 2022 16:18

Tgt Ion: 64 Resp: 849
 Ion Ratio Lower Upper
 64 100
 66 130.8 22.5 41.9#

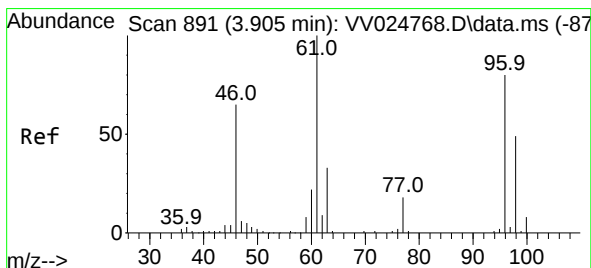
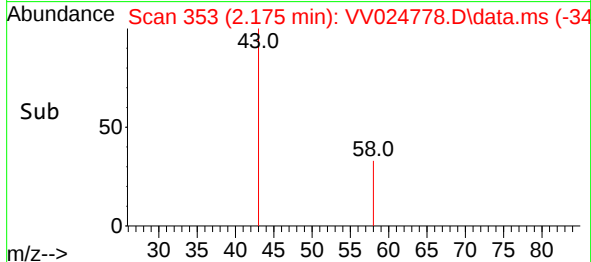
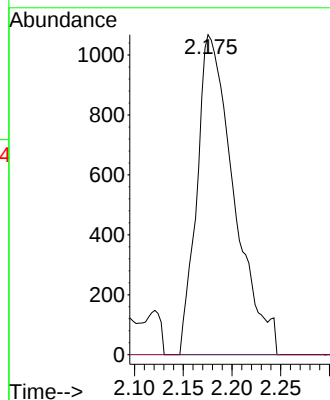
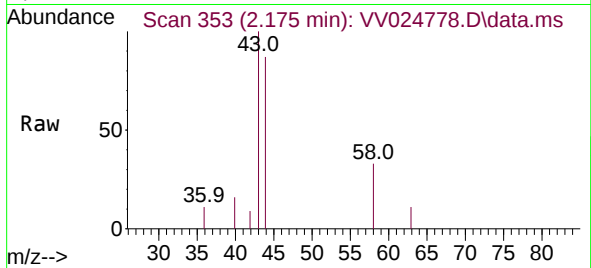




#15
Methyl Acetate
Concen: 0.740 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.263 min
Lab File: VV024778.D
Acq: 21 Feb 2022 16:18

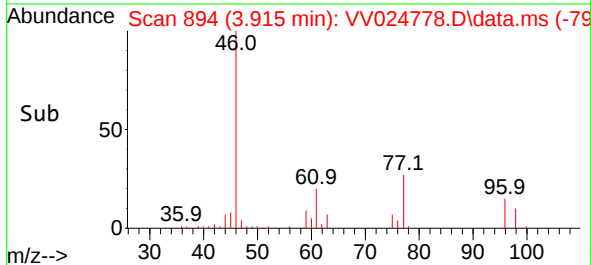
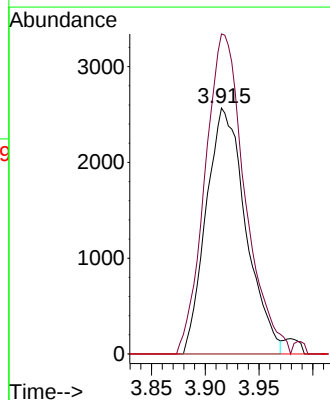
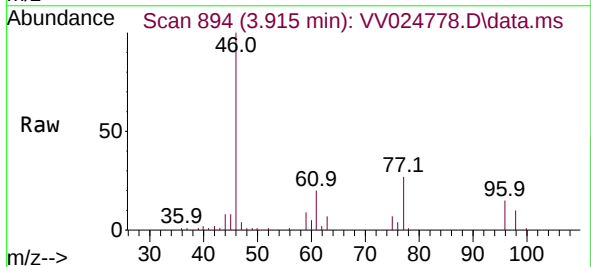
Instrument :
MSVOA_V
ClientSampleId :

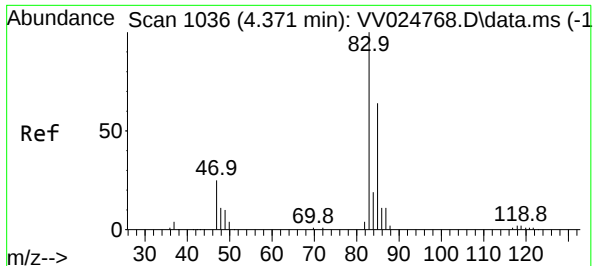
Tgt Ion: 43 Resp: 2822
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#



#22
cis-1,2-Dichloroethene
Concen: 0.481 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV024778.D
Acq: 21 Feb 2022 16:18

Tgt Ion: 96 Resp: 6599
Ion Ratio Lower Upper
96 100
61 130.2 89.7 166.5
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.107 ug/L

RT: 4.381 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV024778.D

Acq: 21 Feb 2022 16:18

Instrument :

MSVOA_V

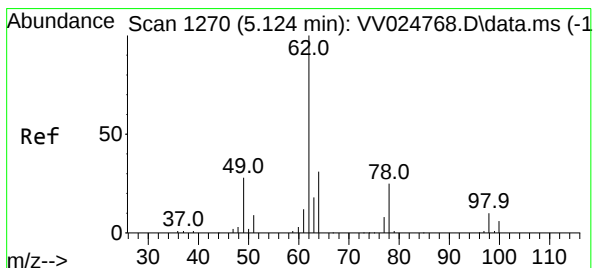
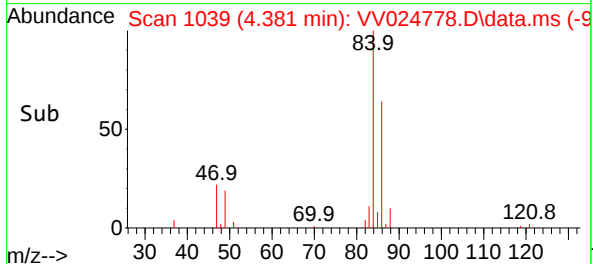
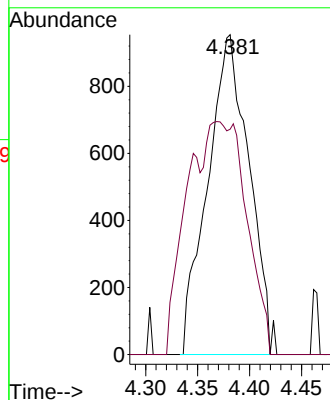
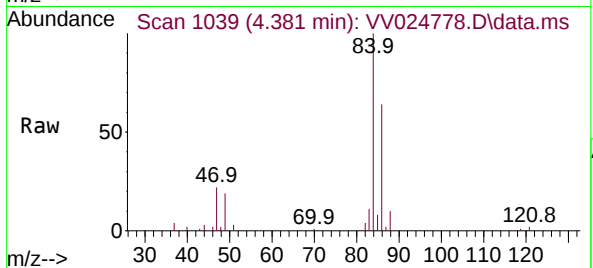
ClientSampleId :

Tgt Ion: 83 Resp: 2645

Ion Ratio Lower Upper

83 100

85 70.4 45.5 84.5



#27

1,2-Dichloroethane

Concen: 0.088 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.071 min

Lab File: VV024778.D

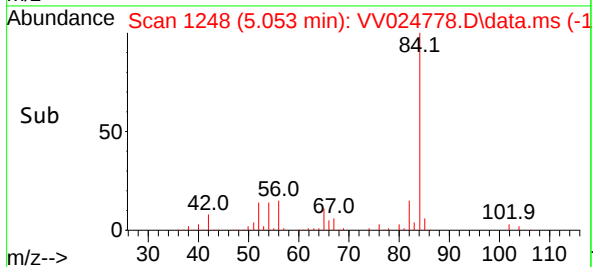
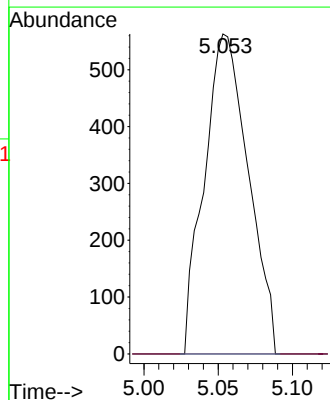
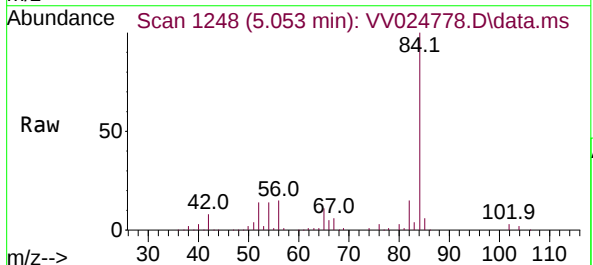
Acq: 21 Feb 2022 16:18

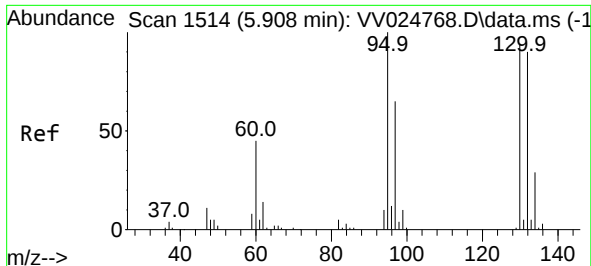
Tgt Ion: 62 Resp: 1162

Ion Ratio Lower Upper

62 100

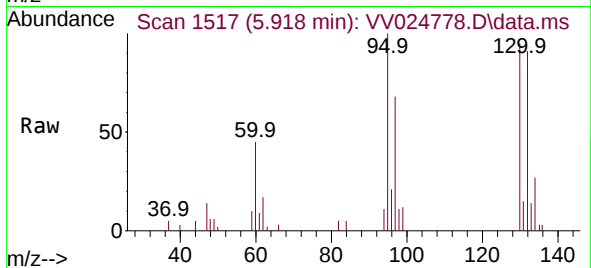
98 0.0 8.2 12.2#



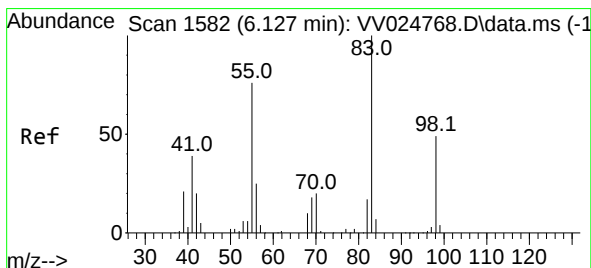
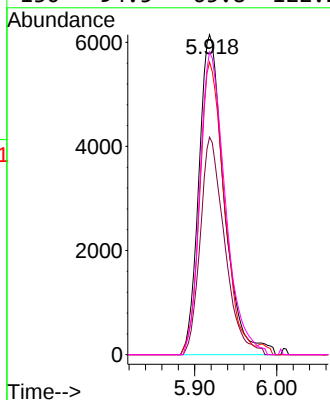
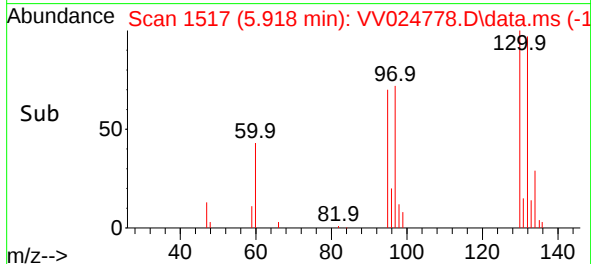


#34
Trichloroethene
Concen: 0.933 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV024778.D
Acq: 21 Feb 2022 16:18

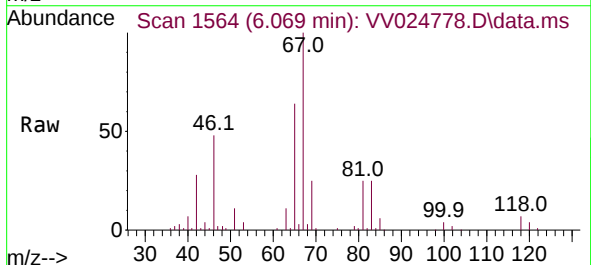
Instrument :
MSVOA_V
ClientSampleId :



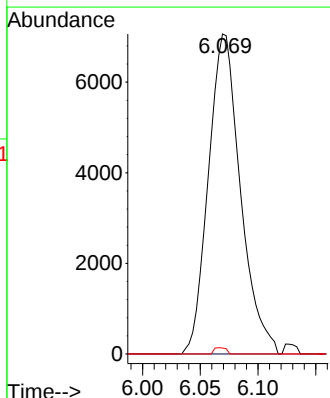
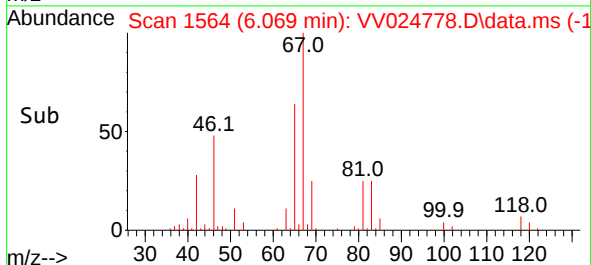
Tgt Ion: 95 Resp: 13126
Ion Ratio Lower Upper
95 100
97 68.0 44.2 82.0
132 91.5 62.1 115.3
130 94.5 65.8 122.2

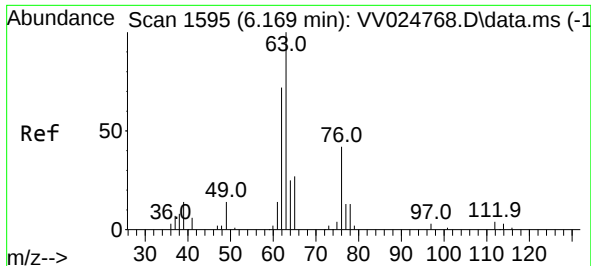


#35
Methylcyclohexane
Concen: 0.600 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV024778.D
Acq: 21 Feb 2022 16:18



Tgt Ion: 83 Resp: 13643
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: 0.500 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.099 min

Lab File: VV024778.D

Acq: 21 Feb 2022 16:18

Instrument :

MSVOA_V

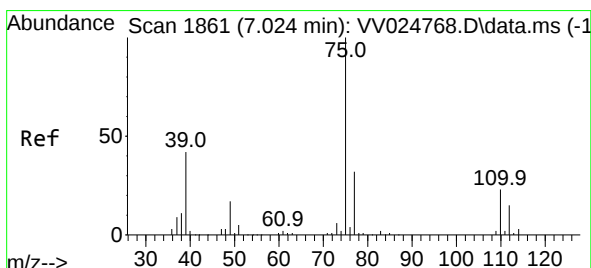
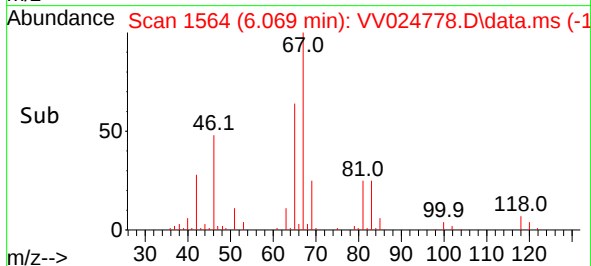
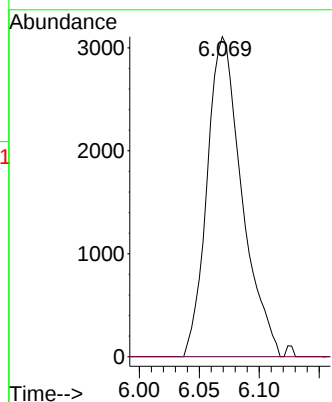
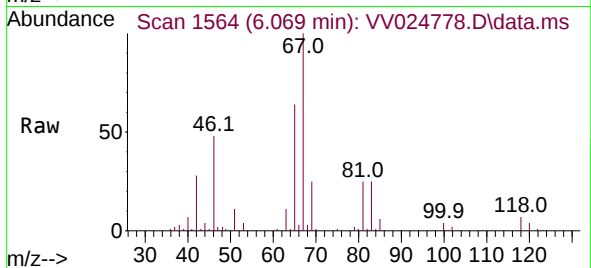
ClientSampleId :

Tgt Ion: 63 Resp: 6279

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.029 min

Lab File: VV024778.D

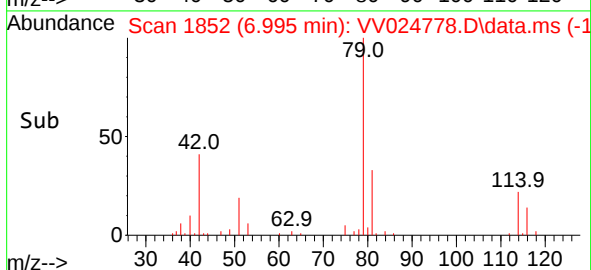
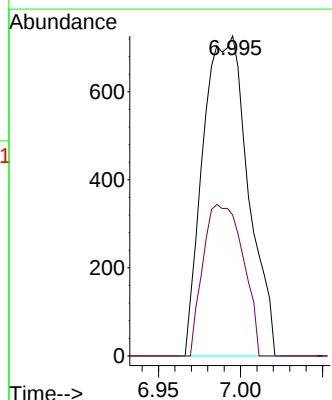
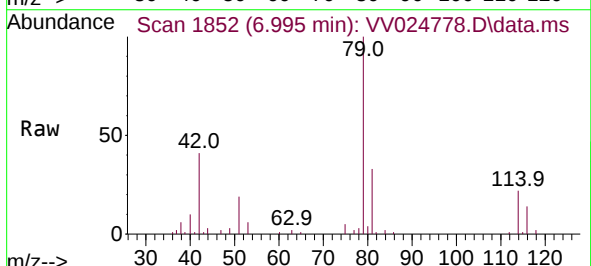
Acq: 21 Feb 2022 16:18

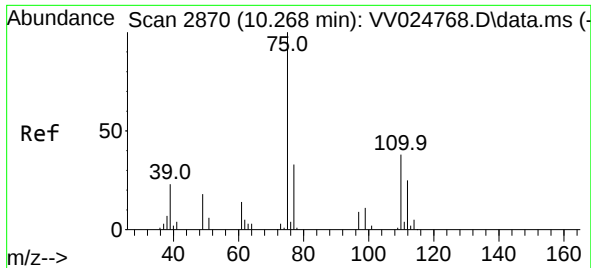
Tgt Ion: 75 Resp: 1388

Ion Ratio Lower Upper

75 100

77 44.0 22.3 41.5#





#61

1,2,3-Trichloropropane

Concen: 1.424 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.978 min

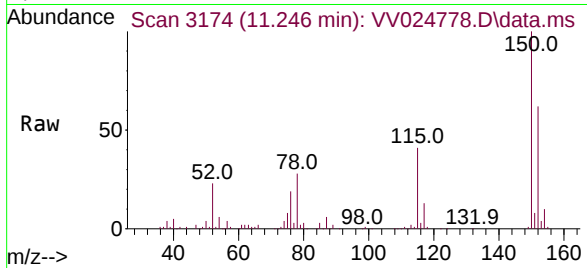
Lab File: VV024778.D

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Tgt Ion: 75 Resp: 8868

Ion Ratio Lower Upper

75 100

77 33.2 26.3 39.5

110 1.3 30.3 45.5#

