

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022122\
 Data File : VW024777.D
 Acq On : 21 Feb 2022 15:55
 Operator : SY/MD
 Sample : N1623-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

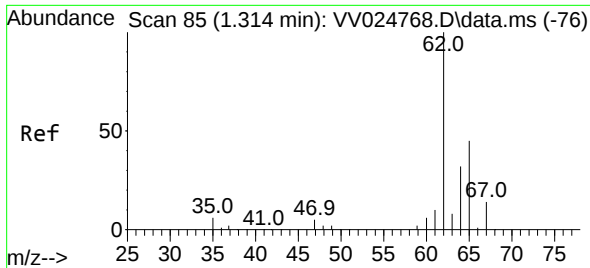
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 22 03:29:55 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	5.616	114	182112	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	169670	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73377	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	54057	3.500	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.568	69	48817	3.852	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.111	63	73760	2.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.200%#
20) 2-Butanone-d5	3.889	46	116470	52.789	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.580%
24) Chloroform-d	4.352	84	100545	4.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.034	65	48800	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.050	84	207702	4.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.069	67	65855	4.572	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.317	98	175115	3.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	7.625	79	19948	4.157	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.088	63	88602	46.924	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.840%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39024	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	56036	4.414	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
5) Vinyl chloride	1.310	62	1035	0.053	ug/L #	1
8) Chloroethane	1.310	64	962	0.080	ug/L #	1
15) Methyl Acetate	2.179	43	3295	0.809	ug/L #	49
22) cis-1,2-Dichloroethene	3.918	96	6539	0.447	ug/L	95
25) Chloroform	4.378	83	3119	0.118	ug/L	82
27) 1,2-Dichloroethane	5.053	62	1387	0.098	ug/L #	73
34) Trichloroethene	5.921	95	13350	0.877	ug/L	96
35) Methylcyclohexane	6.069	83	15001	0.610	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	6965	0.513	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1393	0.074	ug/L #	59
61) 1,2,3-Trichloropropane	11.249	75	9707	1.460	ug/L #	68

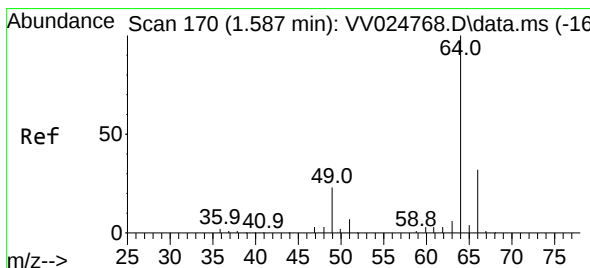
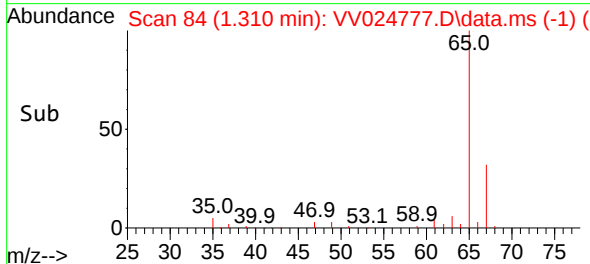
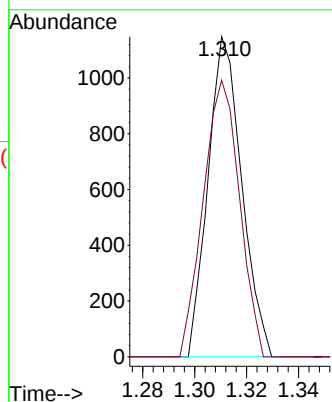
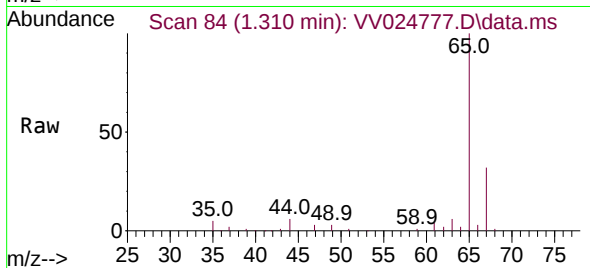
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 0.053 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV024777.D
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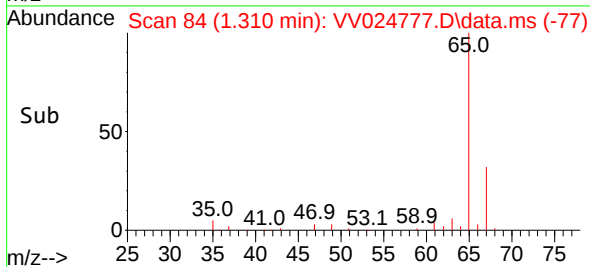
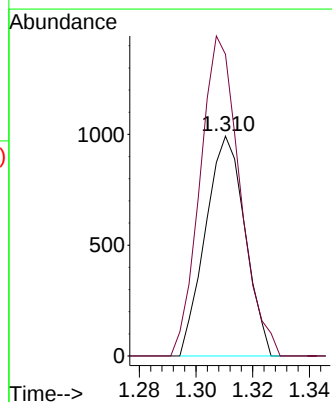
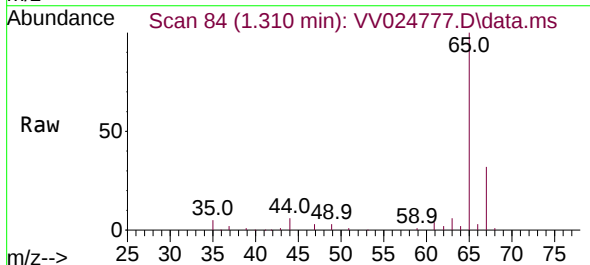
Instrument :
 MSVOA_V
 ClientSampleId :

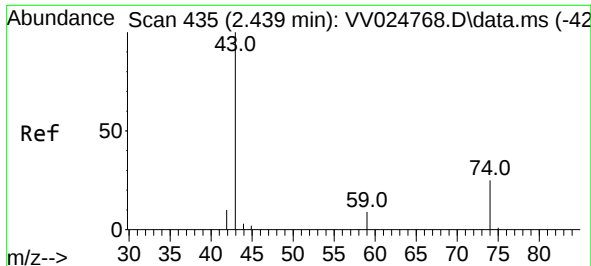
Tgt Ion: 62 Resp: 1035
 Ion Ratio Lower Upper
 62 100
 64 86.4 22.2 41.2#



#8
 Chloroethane
 Concen: 0.080 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.276 min
 Lab File: VV024777.D
 Acq: 21 Feb 2022 15:55

Tgt Ion: 64 Resp: 962
 Ion Ratio Lower Upper
 64 100
 66 137.2 22.5 41.9#

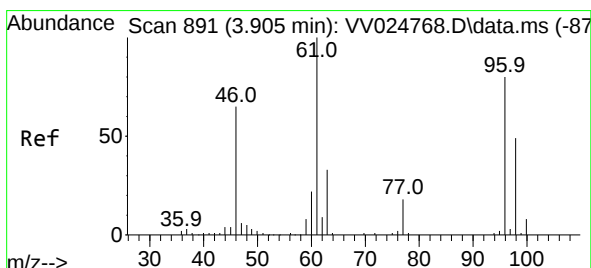
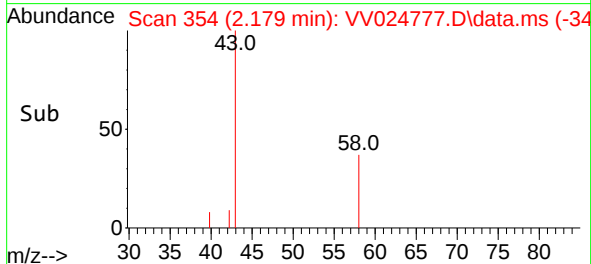
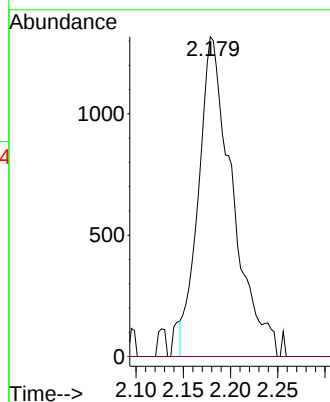
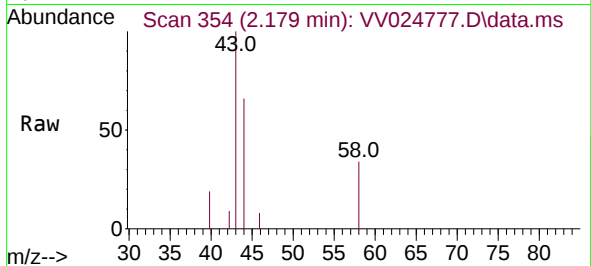




#15
Methyl Acetate
Concen: 0.809 ug/L
RT: 2.179 min Scan# 31
Delta R.T. -0.260 min
Lab File: VV024777.D
Acq: 21 Feb 2022 15:55

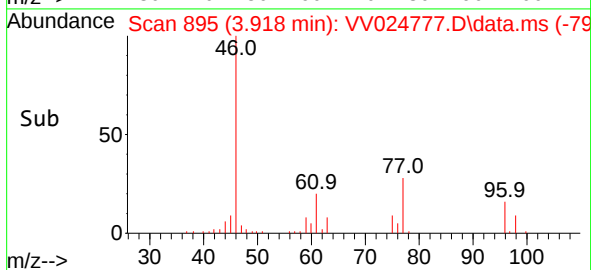
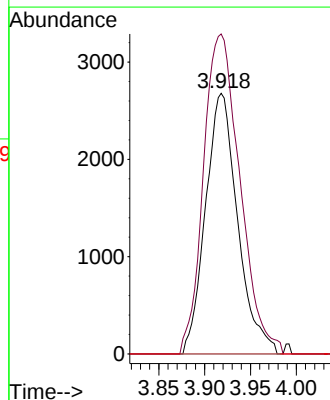
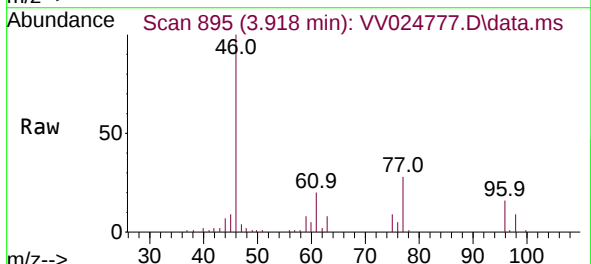
Instrument :
MSVOA_V
ClientSampleId :

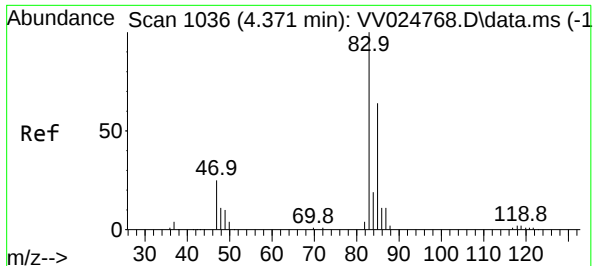
Tgt Ion: 43 Resp: 3295
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#



#22
cis-1,2-Dichloroethene
Concen: 0.447 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.013 min
Lab File: VV024777.D
Acq: 21 Feb 2022 15:55

Tgt Ion: 96 Resp: 6539
Ion Ratio Lower Upper
96 100
61 122.8 89.7 166.5
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.118 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV024777.D

Acq: 21 Feb 2022 15:55

Instrument :

MSVOA_V

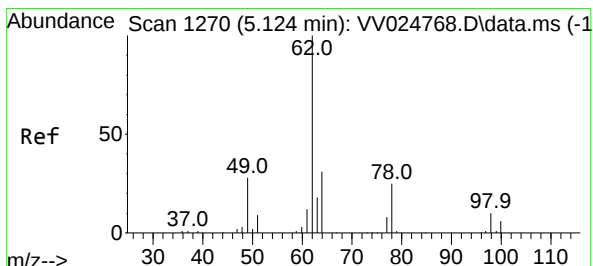
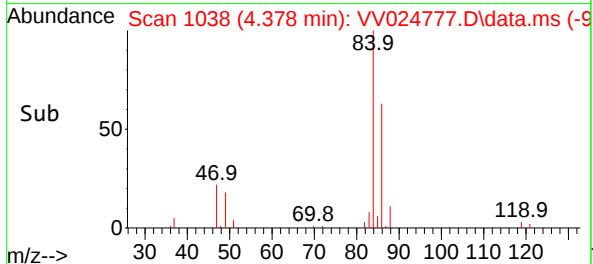
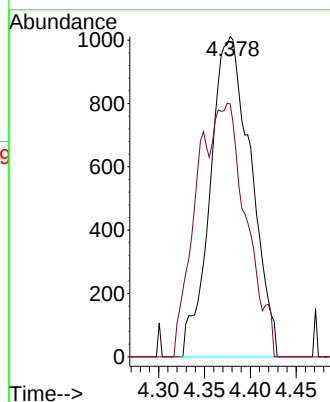
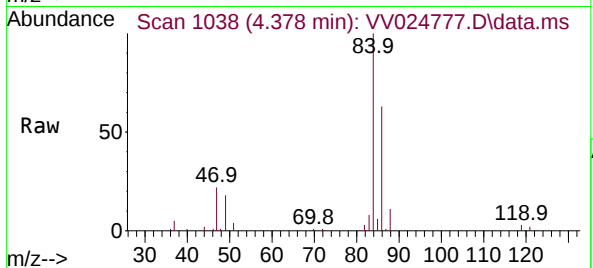
ClientSampleId :

Tgt Ion: 83 Resp: 3119

Ion Ratio Lower Upper

83 100

85 79.0 45.5 84.5



#27

1,2-Dichloroethane

Concen: 0.098 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.071 min

Lab File: VV024777.D

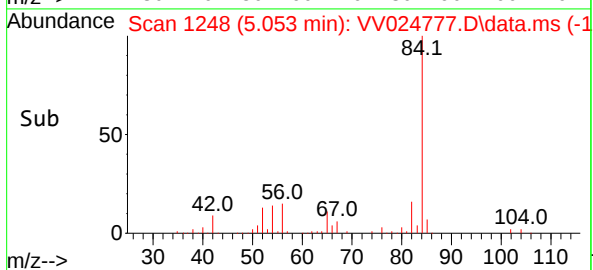
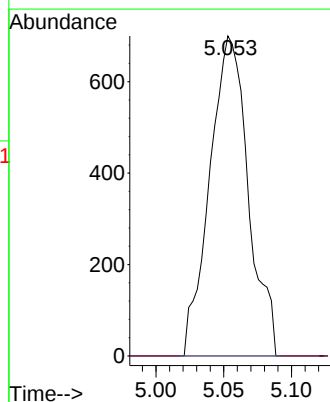
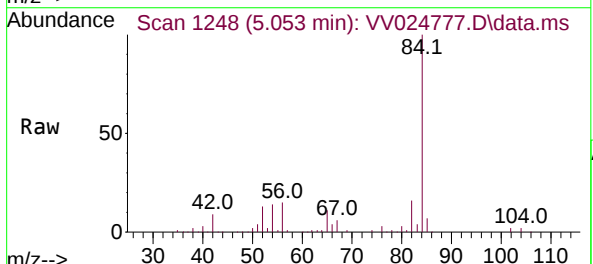
Acq: 21 Feb 2022 15:55

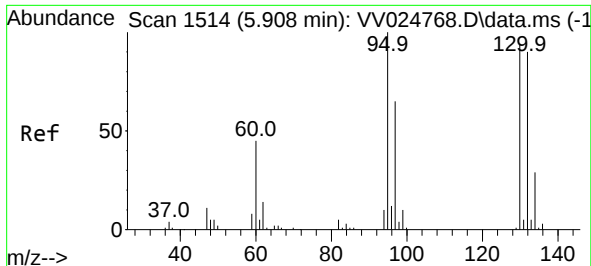
Tgt Ion: 62 Resp: 1387

Ion Ratio Lower Upper

62 100

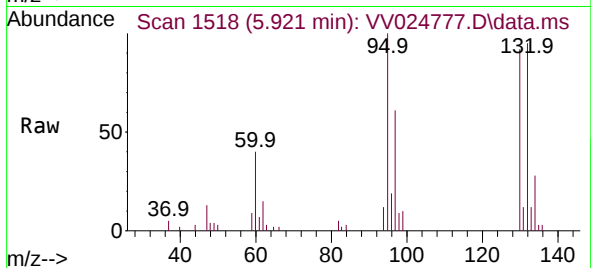
98 0.0 8.2 12.2#



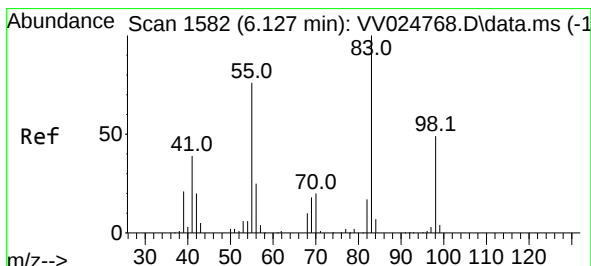
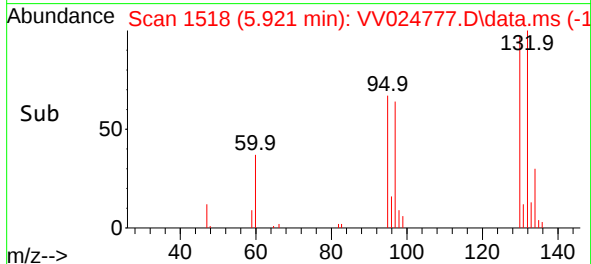
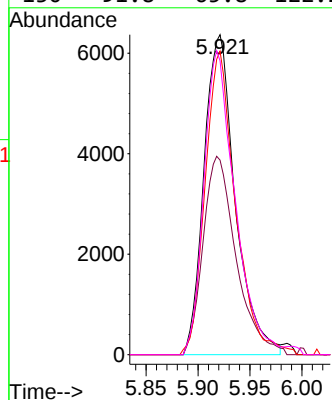


#34
Trichloroethene
Concen: 0.877 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV024777.D
Acq: 21 Feb 2022 15:55

Instrument :
MSVOA_V
ClientSampleId :

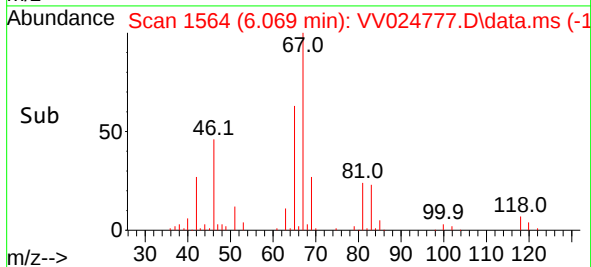
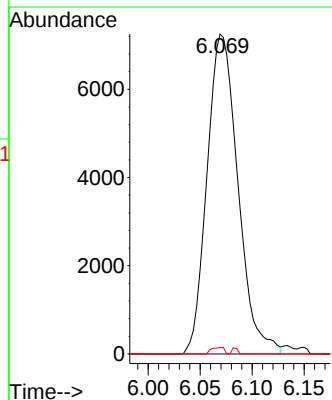
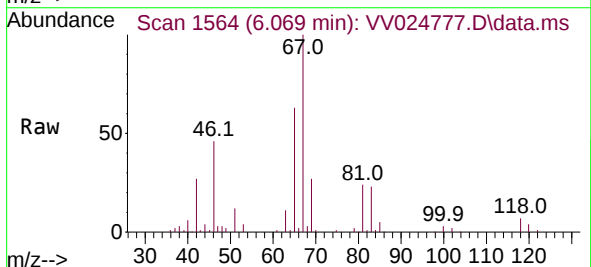


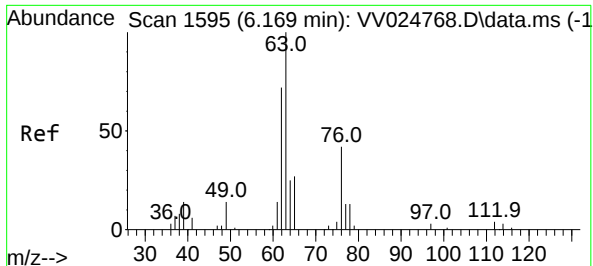
Tgt Ion	95	Resp:	13350
Ion	Ratio	Lower	Upper
95	100		
97	60.8	44.2	82.0
132	94.9	62.1	115.3
130	91.8	65.8	122.2



#35
Methylcyclohexane
Concen: 0.610 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV024777.D
Acq: 21 Feb 2022 15:55

Tgt Ion	83	Resp:	15001
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.8	88.2#
98	0.8	38.6	58.0#





#37

1,2-Dichloropropane

Concen: 0.513 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024777.D

Acq: 21 Feb 2022 15:55

Instrument :

MSVOA_V

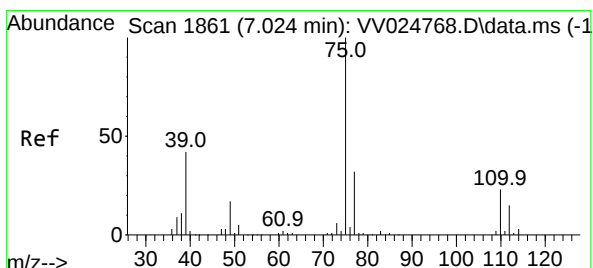
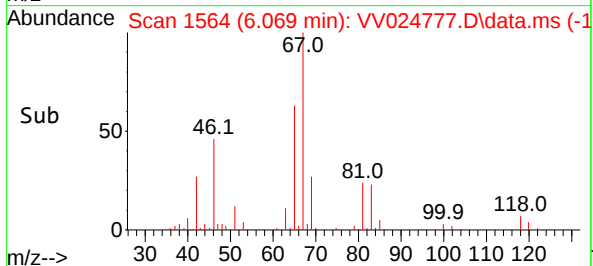
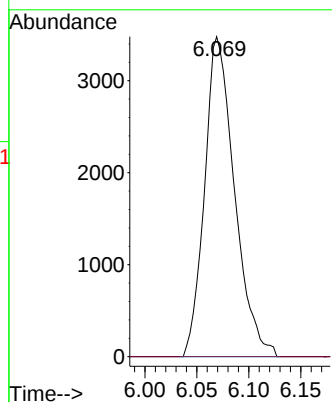
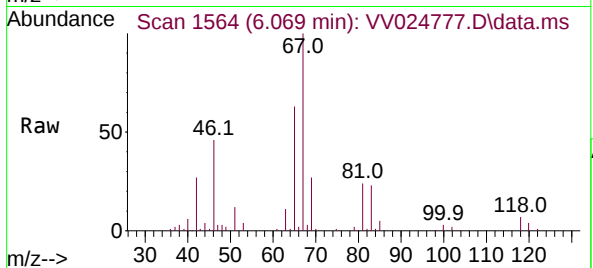
ClientSampleId :

Tgt Ion: 63 Resp: 6965

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV024777.D

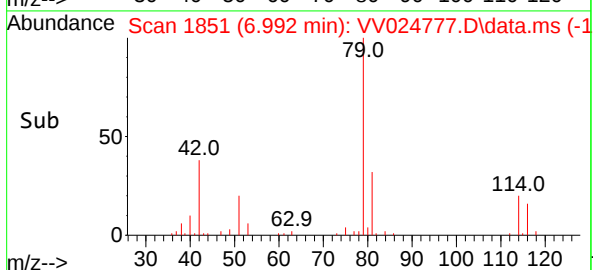
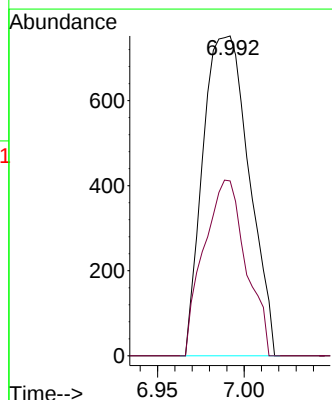
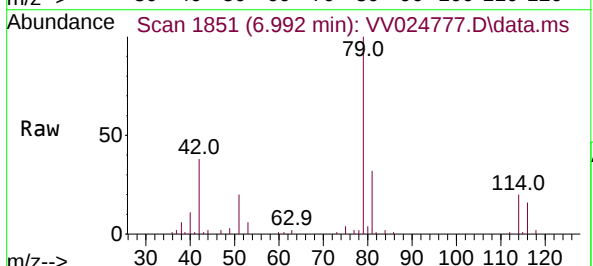
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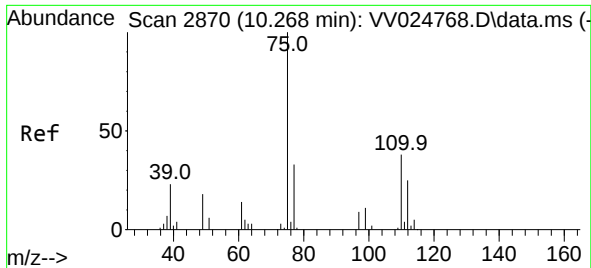
Tgt Ion: 75 Resp: 1393

Ion Ratio Lower Upper

75 100

77 54.7 22.3 41.5#





#61

1,2,3-Trichloropropane

Concen: 1.460 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.981 min

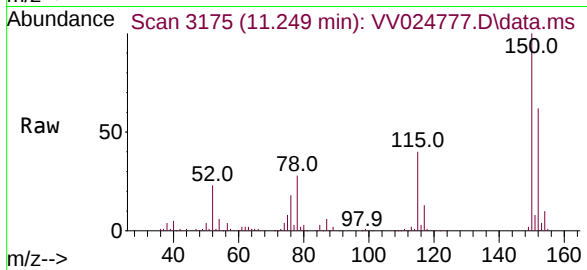
Lab File: VV024777.D

Acq: 21 Feb 2022 15:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 9707

Ion Ratio Lower Upper

75 100

77 33.5 26.3 39.5

110 2.9 30.3 45.5#

