

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121721\
 Data File : VW024070.D
 Acq On : 17 Dec 2021 17:28
 Operator : SY/MD
 Sample : M5133-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 18 01:47:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 18 01:42:59 2021
 Response via : Initial Calibration

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

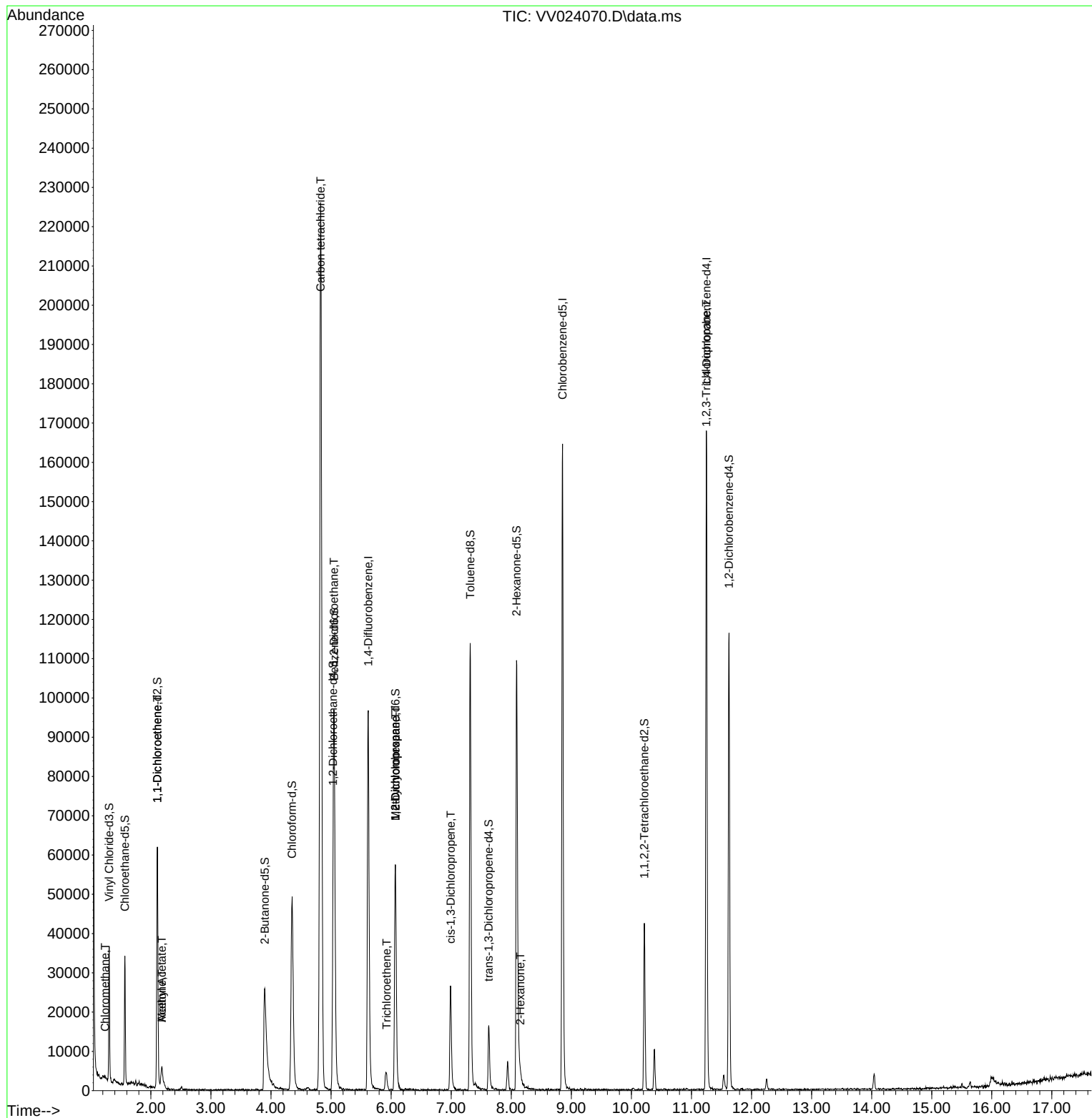
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	86043	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	91970	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	46139	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	20130	4.352	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.567	69	18340	4.752	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.108	63	30960	3.429	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	3.895	46	50220	55.571	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.140%
24) Chloroform-d	4.349	84	48361	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.034	65	23971	4.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.053	84	86487	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.072	67	27024	4.917	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.316	98	77281	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.625	79	9757	4.279	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.088	63	37061	36.311	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.620%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	18695	4.101	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	31509	5.113	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	329	0.051	ug/L #	67
12) 1,1-Dichloroethene	2.108	96	357	0.062	ug/L #	1
13) Acetone	2.182	43	8757	12.112	ug/L	87
15) Methyl Acetate	2.182	43	8709	4.970	ug/L #	50
27) 1,2-Dichloroethane	5.046	62	665	0.096	ug/L #	73
31) Carbon tetrachloride	4.828	117	165755	14.655	ug/L	99
34) Trichloroethene	5.924	95	1108	0.151	ug/L	87
35) Methylcyclohexane	6.072	83	6703	0.621	ug/L #	23
37) 1,2-Dichloropropane	6.072	63	3287	0.532	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	870	0.095	ug/L #	79
48) 2-Hexanone	8.152	43	2769	1.286	ug/L #	45
61) 1,2,3-Trichloropropane	11.246	75	4883	1.554	ug/L #	64

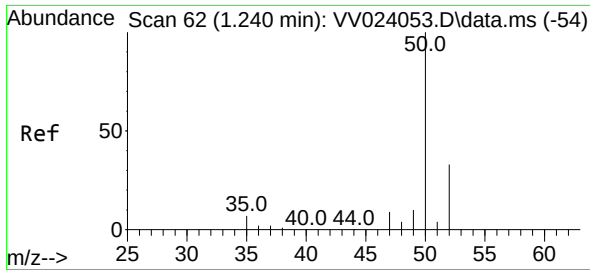
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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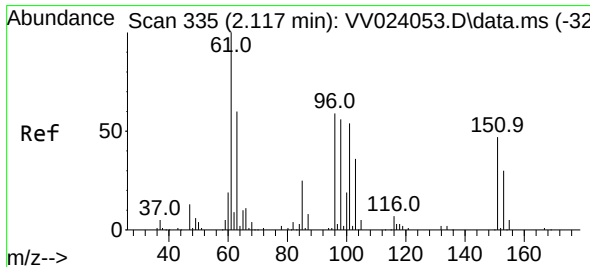
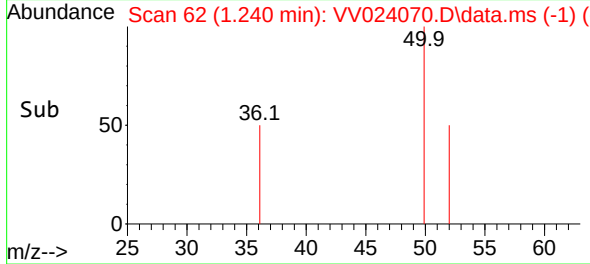
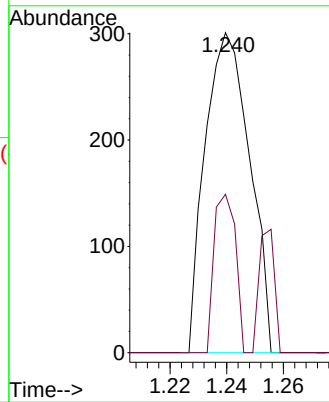
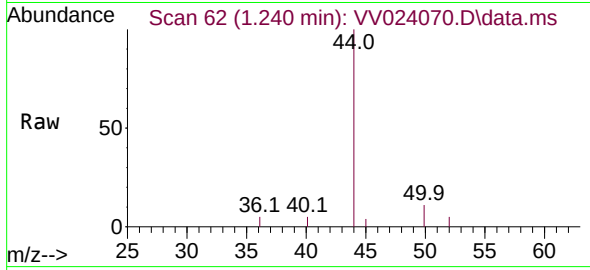




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV024070.D
Acq: 17 Dec 2021 17:28

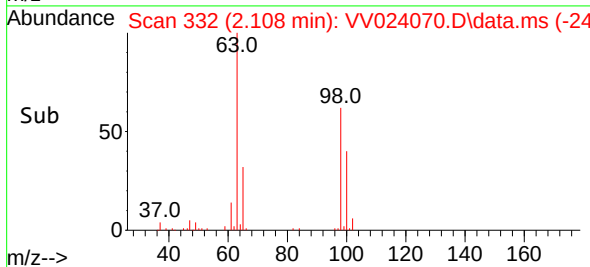
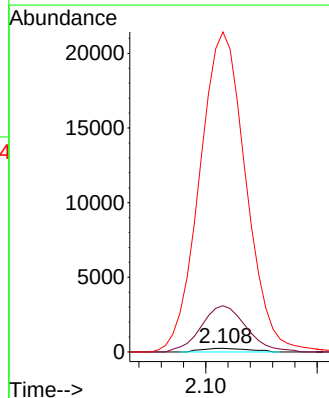
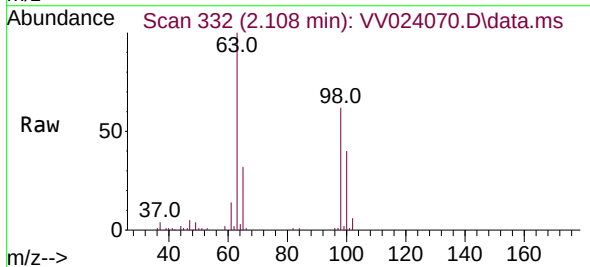
Instrument :
MSVOA_V
ClientSampleId :

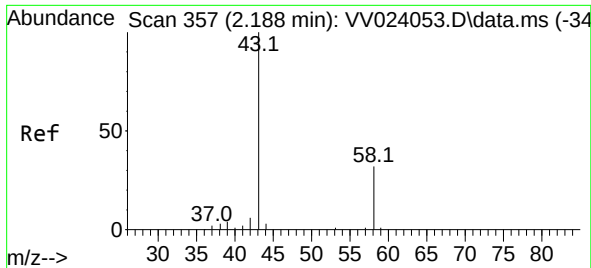
Tgt Ion: 50 Resp: 329
Ion Ratio Lower Upper
50 100
52 49.5 22.0 41.0#



#12
1,1-Dichloroethene
Concen: 0.062 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV024070.D
Acq: 17 Dec 2021 17:28

Tgt Ion: 96 Resp: 357
Ion Ratio Lower Upper
96 100
61 1279.8 116.1 215.5#
63 8856.2 79.4 147.4#





#13

Acetone

Concen: 12.112 ug/L

RT: 2.182 min Scan# 355

Delta R.T. -0.007 min

Lab File: VV024070.D

Acq: 17 Dec 2021 17:28

Instrument :

MSVOA_V

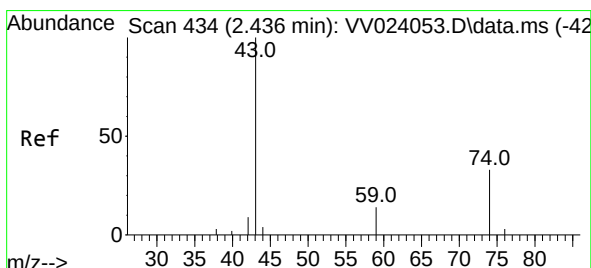
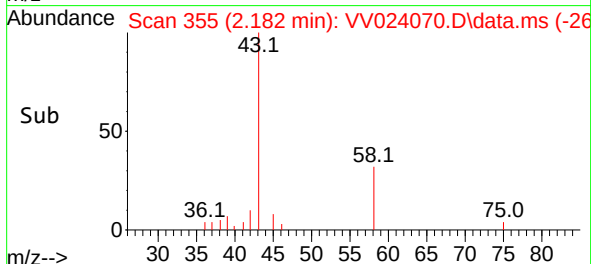
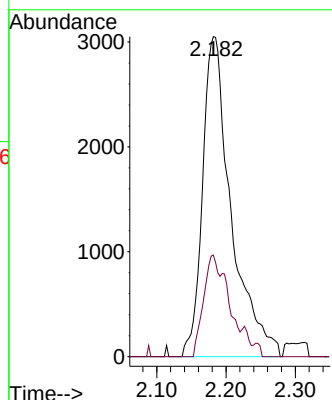
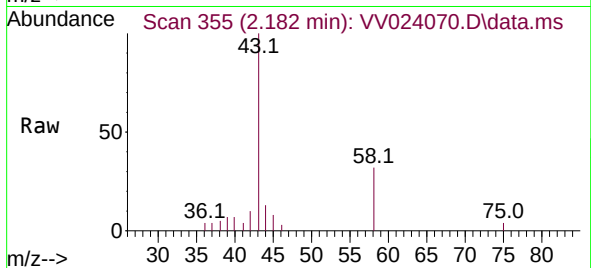
ClientSampleId :

Tgt Ion: 43 Resp: 8757

Ion Ratio Lower Upper

43 100

58 26.9 0.0 41.4



#15

Methyl Acetate

Concen: 4.970 ug/L

RT: 2.182 min Scan# 355

Delta R.T. -0.254 min

Lab File: VV024070.D

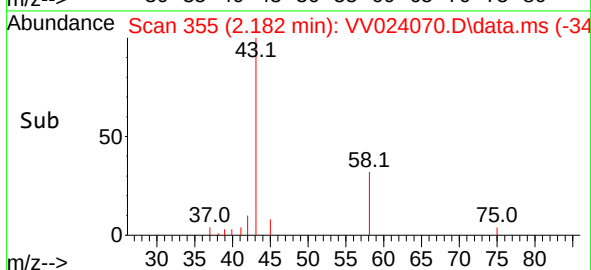
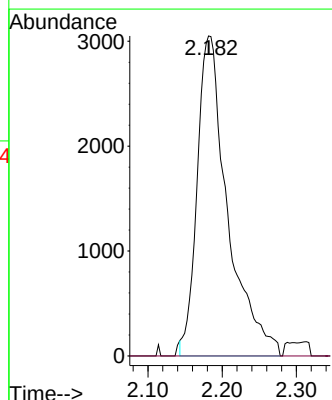
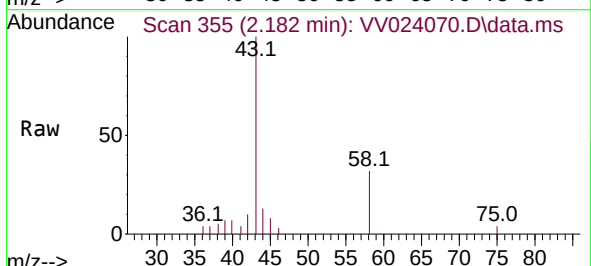
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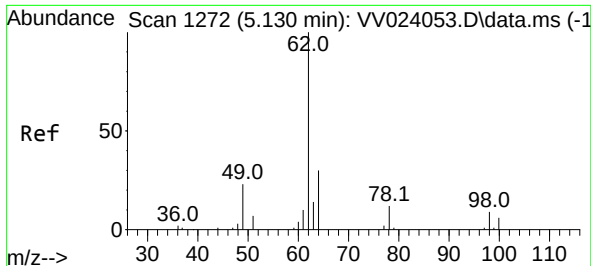
Tgt Ion: 43 Resp: 8709

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#





#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.046 min Scan# 1178

Delta R.T. -0.084 min

Lab File: VV024070.D

Acq: 17 Dec 2021 17:28

Instrument :

MSVOA_V

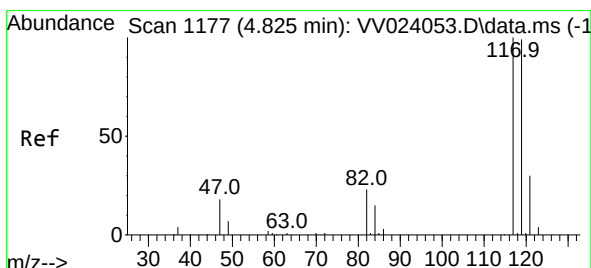
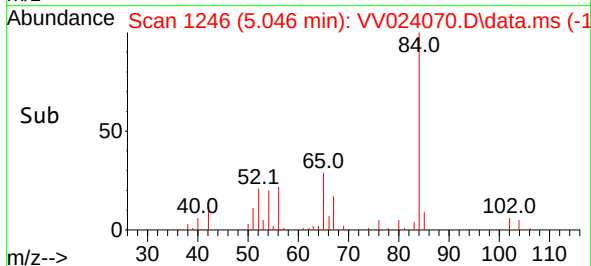
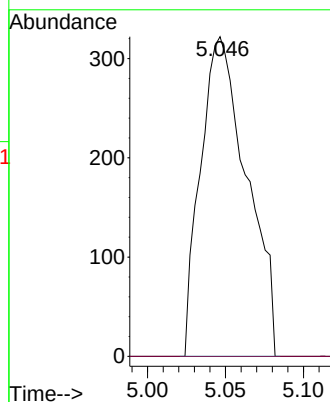
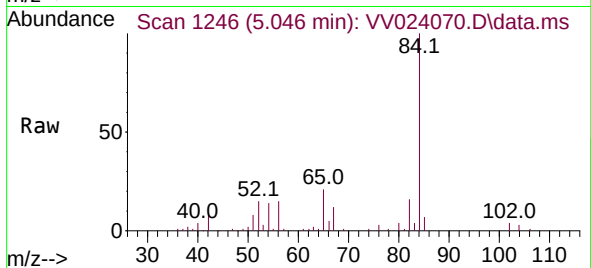
ClientSampleId :

Tgt Ion: 62 Resp: 665

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#31

Carbon tetrachloride

Concen: 14.655 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VV024070.D

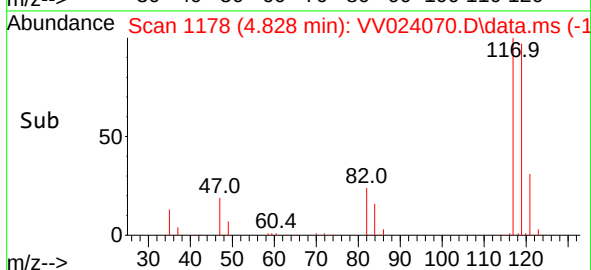
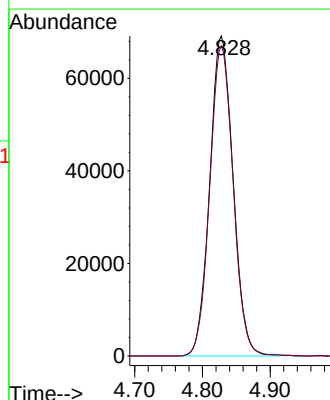
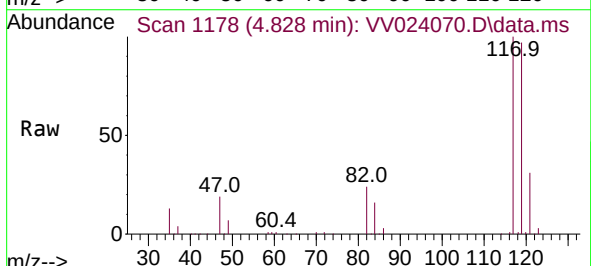
Acq: 17 Dec 2021 17:28

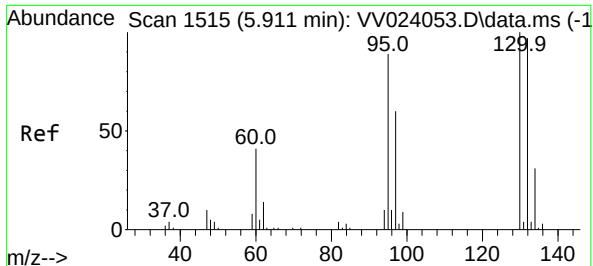
Tgt Ion: 117 Resp: 165755

Ion Ratio Lower Upper

117 100

119 96.8 76.6 114.8

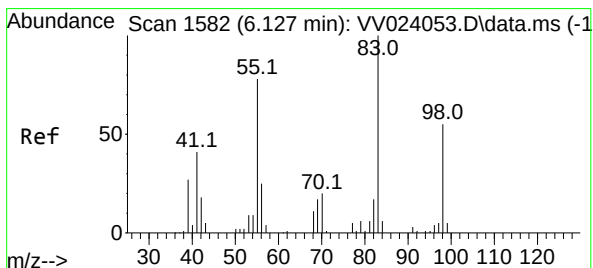
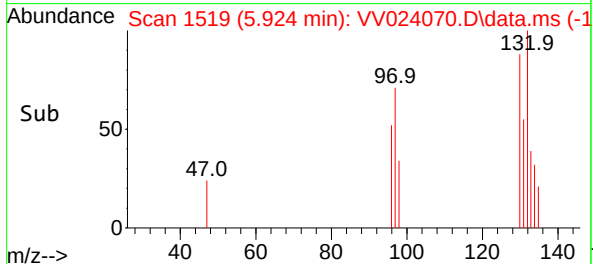
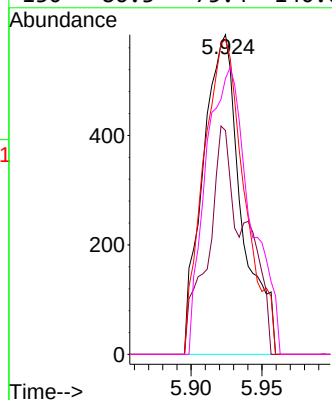
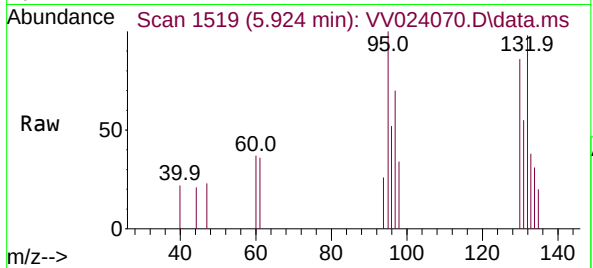




#34
Trichloroethene
Concen: 0.151 ug/L
RT: 5.924 min Scan# 1108
Delta R.T. 0.013 min
Lab File: VV024070.D
Acq: 17 Dec 2021 17:28

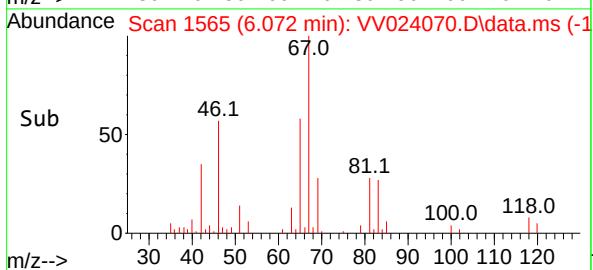
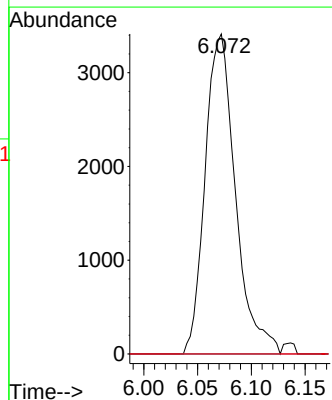
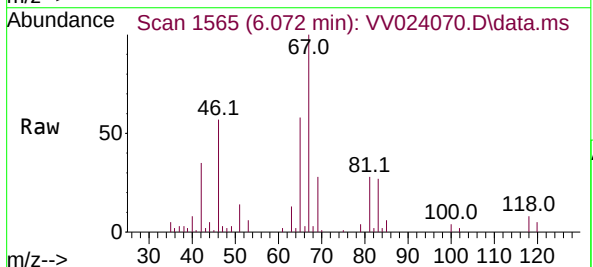
Instrument :
MSVOA_V
ClientSampleId :

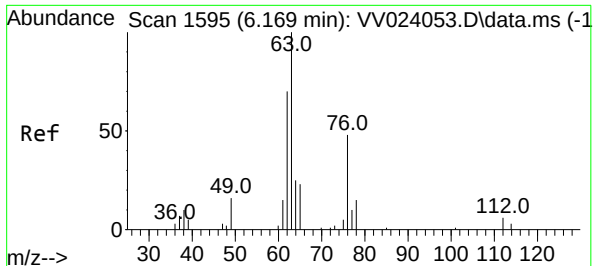
Tgt Ion: 95	Resp: 1108
Ion Ratio	Lower Upper
95 100	
97 70.0	45.2 84.0
132 98.5	76.1 141.3
130 86.3	75.4 140.0



#35
Methylcyclohexane
Concen: 0.621 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV024070.D
Acq: 17 Dec 2021 17:28

Tgt Ion: 83	Resp: 6703
Ion Ratio	Lower Upper
83 100	
55 0.0	60.2 90.2#
98 8.4	41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.532 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.097 min

Lab File: VV024070.D

Acq: 17 Dec 2021 17:28

Instrument :

MSVOA_V

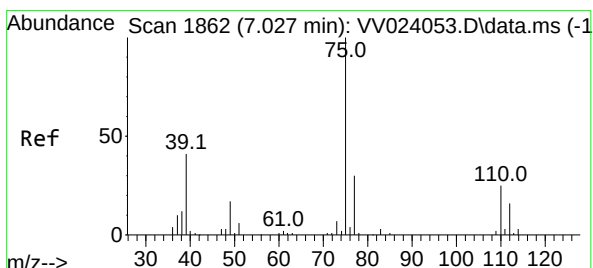
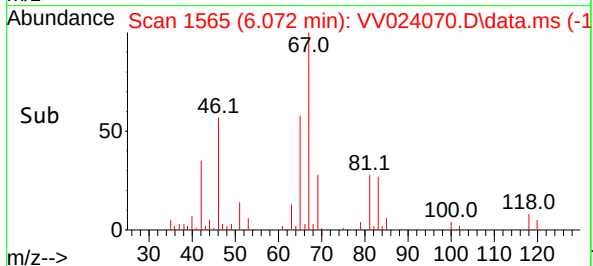
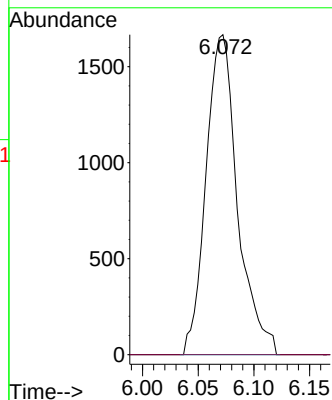
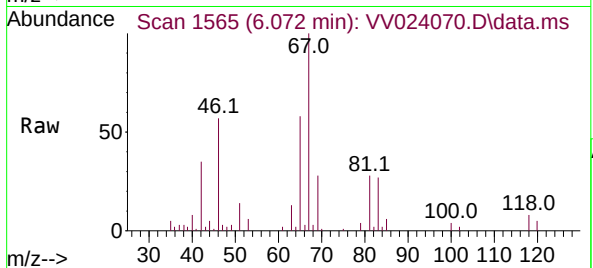
ClientSampleId :

Tgt Ion: 63 Resp: 3287

Ion Ratio Lower Upper

63 100

112 0.6 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV024070.D

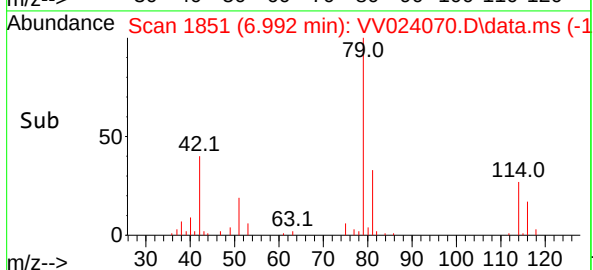
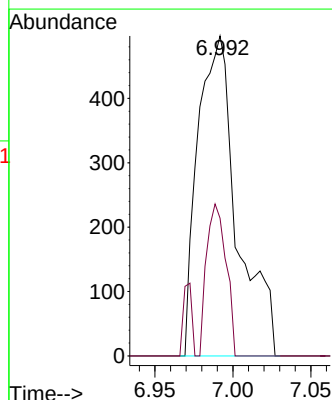
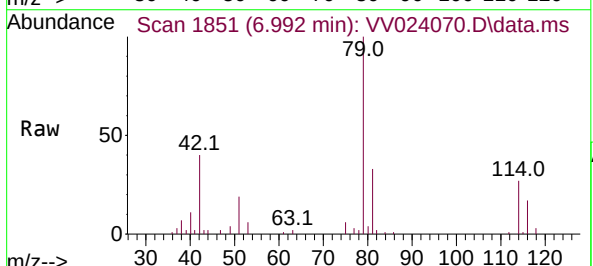
Acq: 17 Dec 2021 17:28

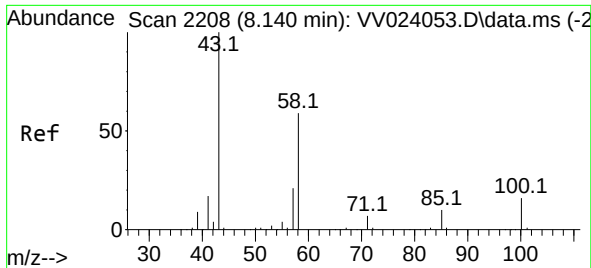
Tgt Ion: 75 Resp: 870

Ion Ratio Lower Upper

75 100

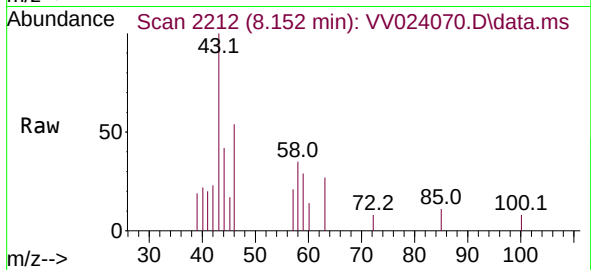
77 43.1 22.0 41.0#



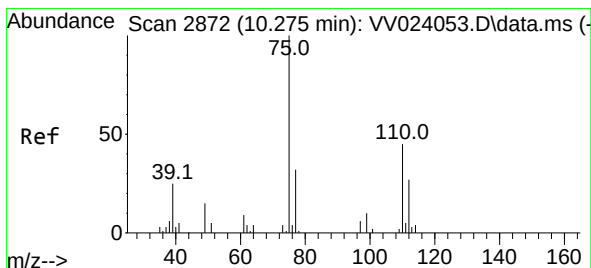
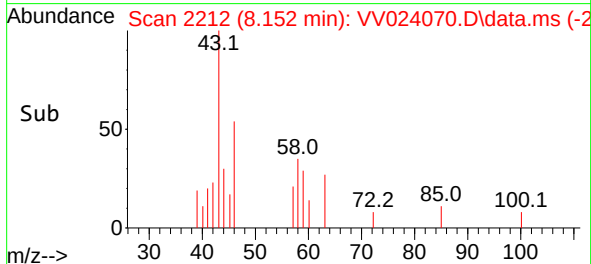
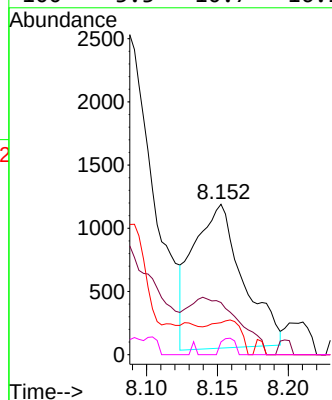


#48
2-Hexanone
Concen: 1.286 ug/L
RT: 8.152 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV024070.D
Acq: 17 Dec 2021 17:28

Instrument :
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Tgt Ion:	43	Resp:	2769
Ion	Ratio	Lower	Upper
43	100		
58	0.0	44.5	66.7#
57	13.4	15.1	22.7#
100	3.3	10.7	16.1#



#61
1,2,3-Trichloropropane
Concen: 1.554 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.971 min
Lab File: VV024070.D
Acq: 17 Dec 2021 17:28

Tgt Ion:	75	Resp:	4883
Ion	Ratio	Lower	Upper
75	100		
77	33.3	26.4	39.6
110	2.2	34.2	51.2#

