

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121721\
 Data File : VW024057.D
 Acq On : 17 Dec 2021 12:19
 Operator : SY/MD
 Sample : M5060-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 18 01:44:30 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)

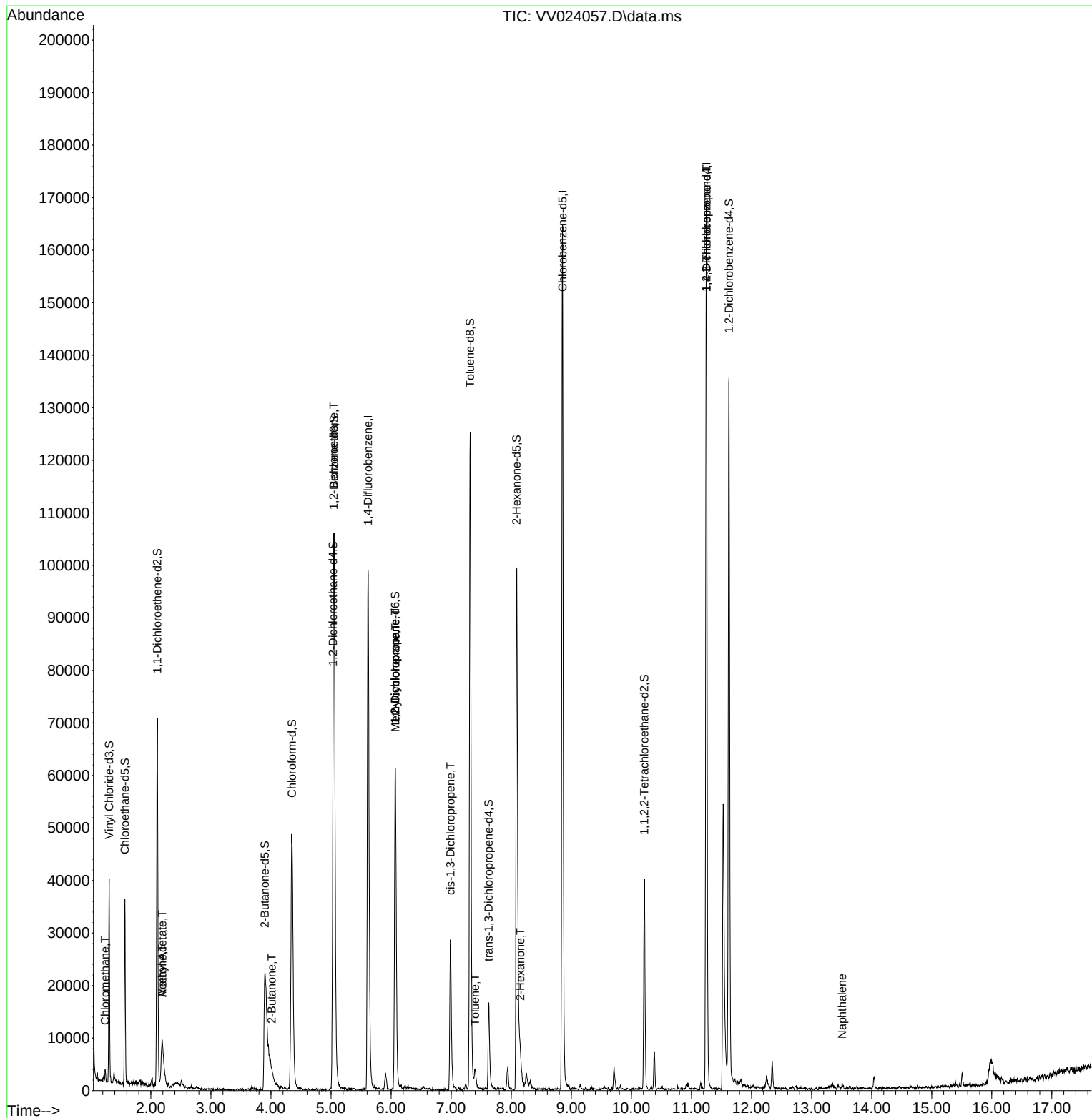
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	89239	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	92097	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47217	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	22382	4.665	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.400%	
7) Chloroethane-d5	1.568	69	19809	4.949	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.000%	
11) 1,1-Dichloroethene-d2	2.108	63	34269	3.659	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.200%	
20) 2-Butanone-d5	3.899	46	45959	49.035	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.060%	
24) Chloroform-d	4.349	84	51359	4.726	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
26) 1,2-Dichloroethane-d4	5.034	65	25248	4.990	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
32) Benzene-d6	5.050	84	95700	5.246	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.000%	
36) 1,2-Dichloropropane-d6	6.069	67	27657	5.025	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.600%	
41) Toluene-d8	7.317	98	84078	5.120	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
43) trans-1,3-Dichloroprop...	7.622	79	10098	4.423	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.400%	
46) 2-Hexanone-d5	8.088	63	32470	31.769	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	63.540%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	17280	3.785	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	75.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	35608	5.646	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	113.000%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	891	0.134	ug/L #	80
13) Acetone	2.191	43	19017	25.361	ug/L	75
15) Methyl Acetate	2.191	43	19017	10.463	ug/L #	50
21) 2-Butanone	4.011	43	4656	4.346	ug/L	97
27) 1,2-Dichloroethane	5.043	62	684	0.095	ug/L #	73
35) Methylcyclohexane	6.072	83	7828	0.724	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	3638	0.587	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	951	0.103	ug/L #	75
42) Toluene	7.397	91	3051	0.104	ug/L	93
48) 2-Hexanone	8.149	43	4798	2.224	ug/L #	62
61) 1,2,3-Trichloropropane	11.249	75	4490	1.396	ug/L #	57
71) Naphthalene	13.509	128	1031	0.078	ug/L #	77

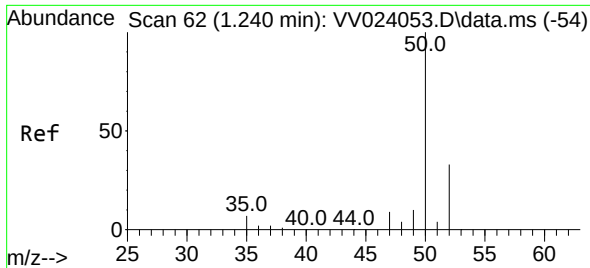
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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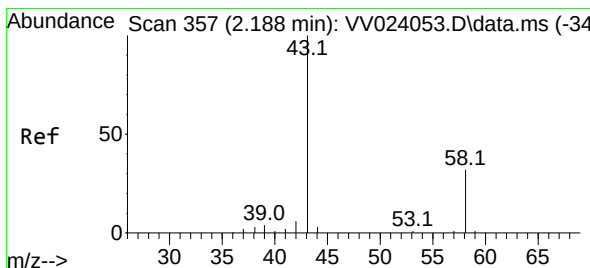
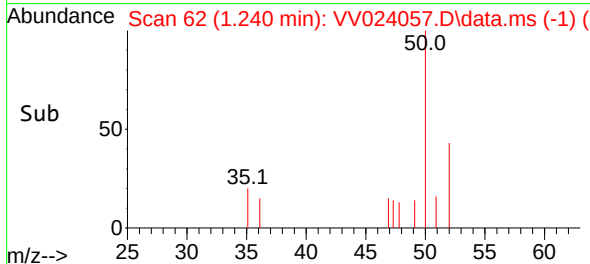
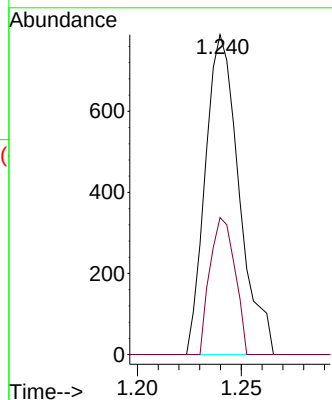
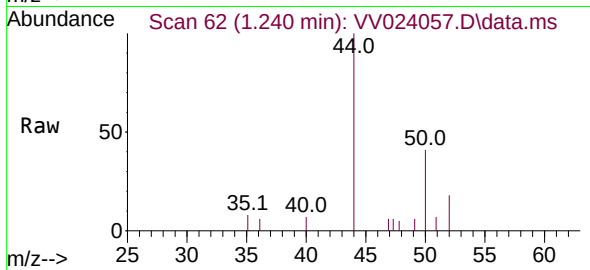




#3
Chloromethane
Concen: 0.134 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV024057.D
Acq: 17 Dec 2021 12:19

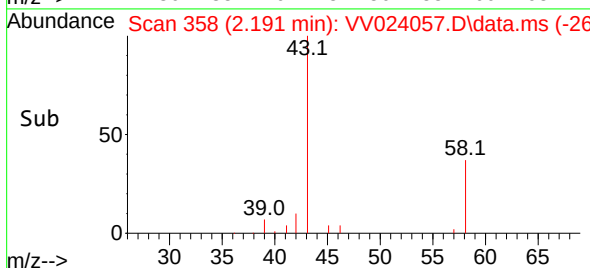
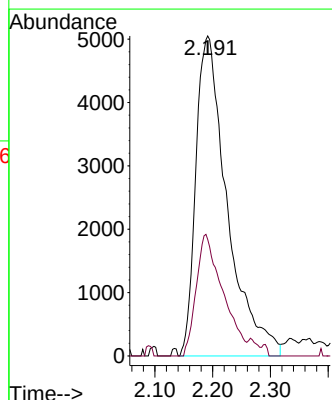
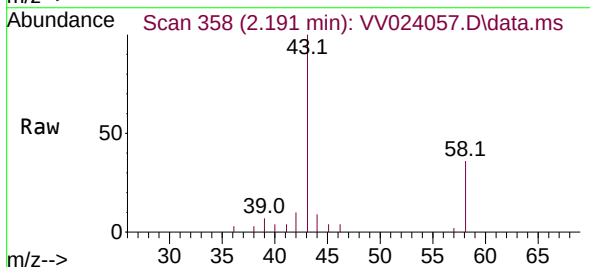
Instrument :
MSVOA_V
ClientSampleId :

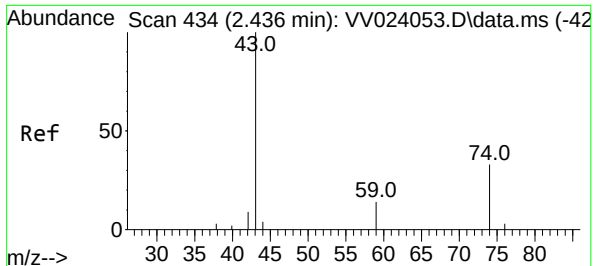
Tgt Ion: 50 Resp: 891
Ion Ratio Lower Upper
50 100
52 42.8 22.0 41.0#



#13
Acetone
Concen: 25.361 ug/L
RT: 2.191 min Scan# 358
Delta R.T. 0.003 min
Lab File: VV024057.D
Acq: 17 Dec 2021 12:19

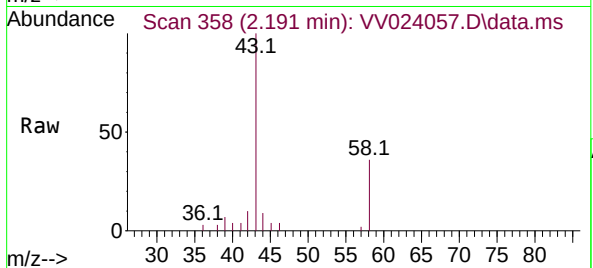
Tgt Ion: 43 Resp: 19017
Ion Ratio Lower Upper
43 100
58 32.4 0.0 41.4



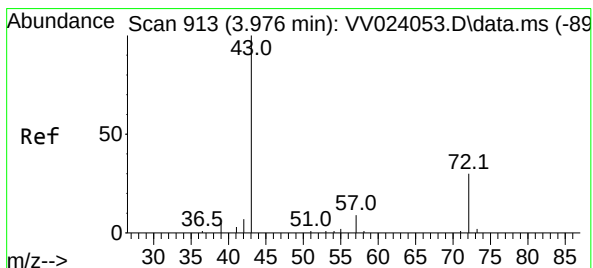
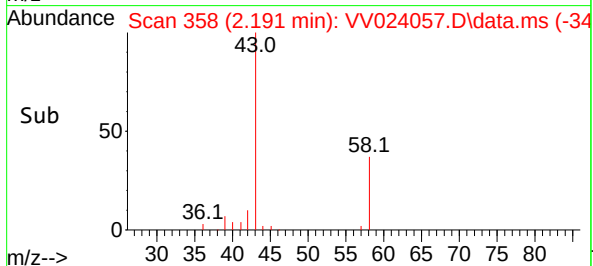
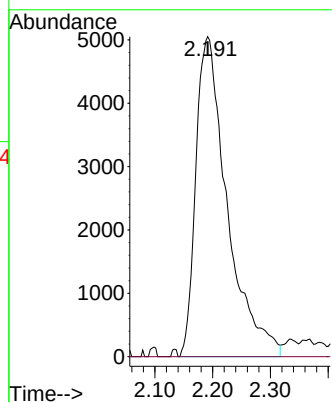


#15
Methyl Acetate
Concen: 10.463 ug/L
RT: 2.191 min Scan# 31
Delta R.T. -0.244 min
Lab File: VV024057.D
Acq: 17 Dec 2021 12:19

Instrument :
MSVOA_V
ClientSampleId :

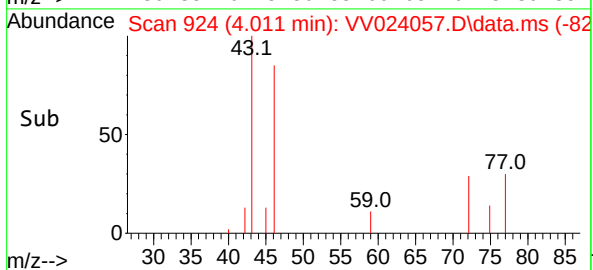
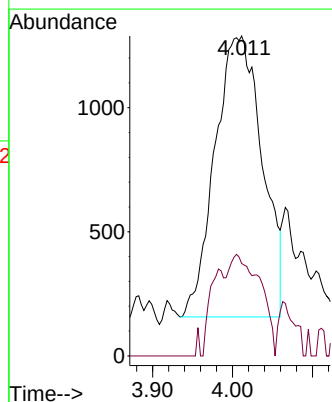
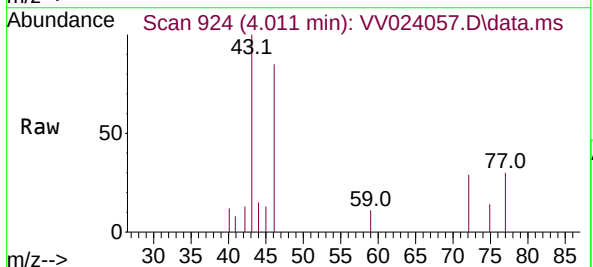


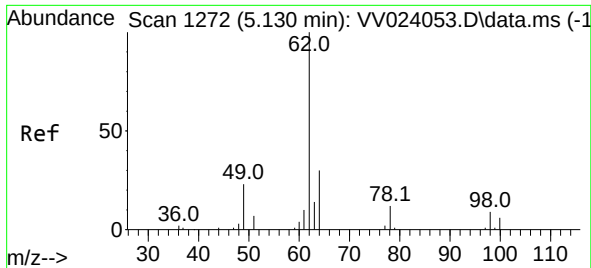
Tgt Ion: 43 Resp: 19017
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#21
2-Butanone
Concen: 4.346 ug/L
RT: 4.011 min Scan# 924
Delta R.T. 0.035 min
Lab File: VV024057.D
Acq: 17 Dec 2021 12:19

Tgt Ion: 43 Resp: 4656
Ion Ratio Lower Upper
43 100
72 23.6 11.1 33.1

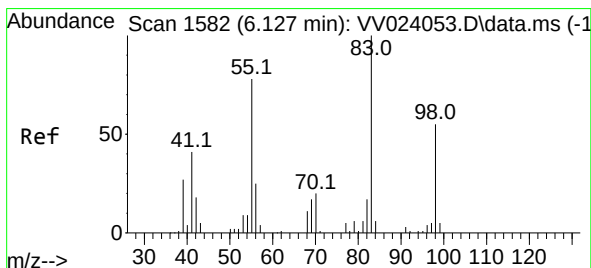
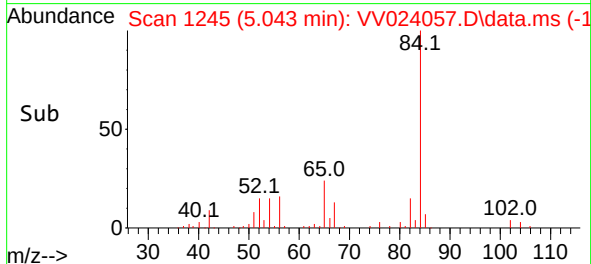
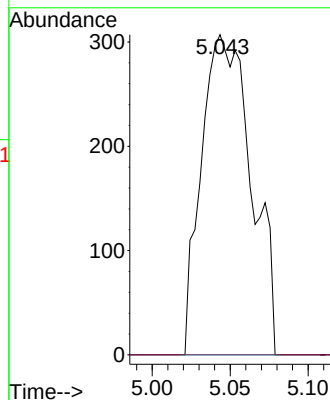
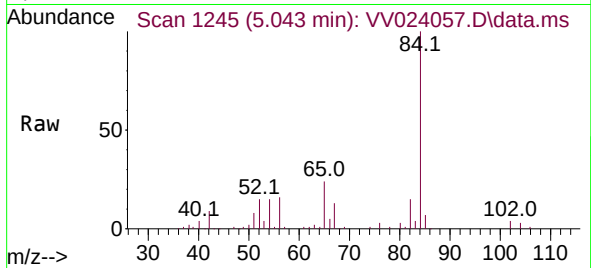




#27
1,2-Dichloroethane
Concen: 0.095 ug/L
RT: 5.043 min Scan# 11
Delta R.T. -0.087 min
Lab File: VV024057.D
Acq: 17 Dec 2021 12:19

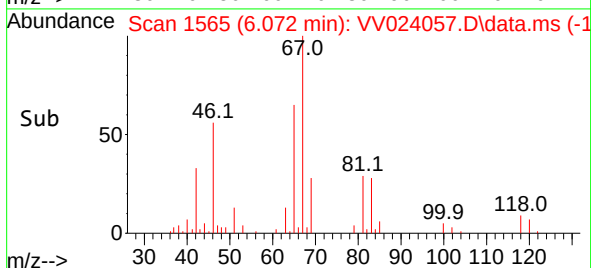
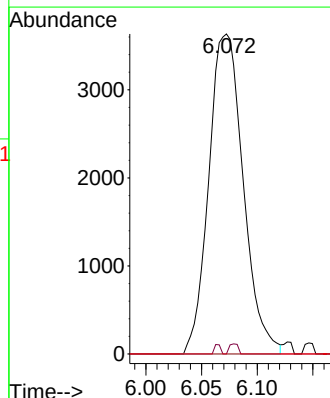
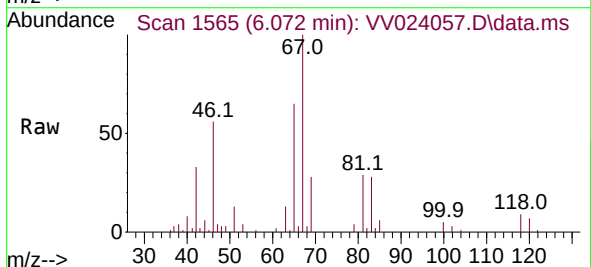
Instrument :
MSVOA_V
ClientSampleId :

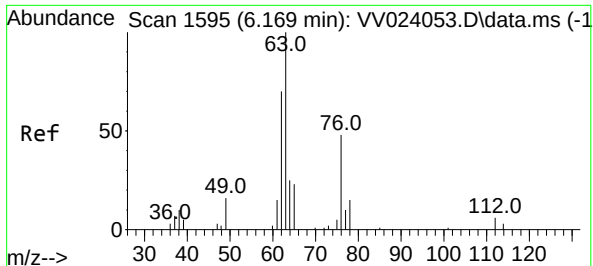
Tgt Ion: 62 Resp: 684
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#



#35
Methylcyclohexane
Concen: 0.724 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV024057.D
Acq: 17 Dec 2021 12:19

Tgt Ion: 83 Resp: 7828
Ion Ratio Lower Upper
83 100
55 0.8 60.2 90.2#
98 0.0 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.587 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024057.D

Acq: 17 Dec 2021 12:19

Instrument :

MSVOA_V

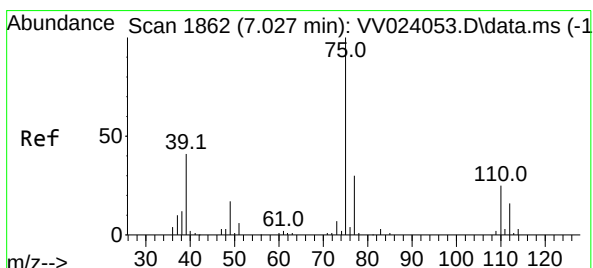
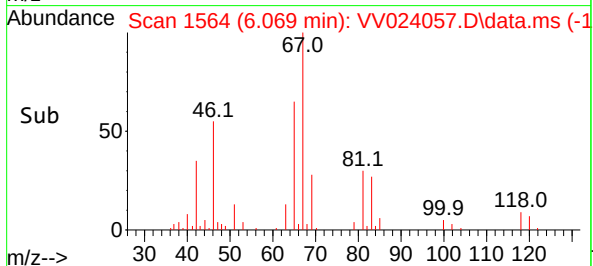
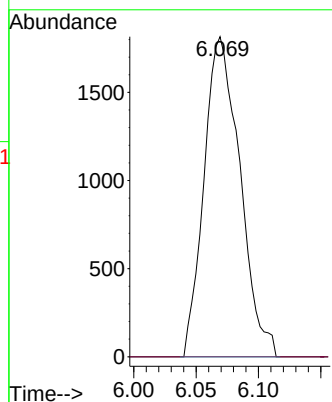
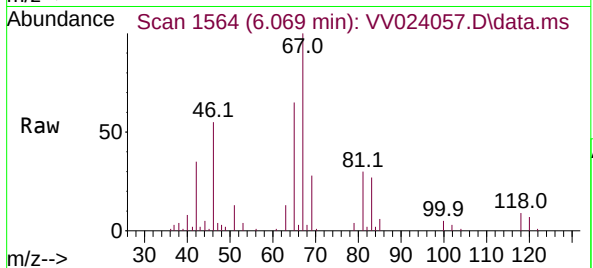
ClientSampleId :

Tgt Ion: 63 Resp: 3638

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.038 min

Lab File: VV024057.D

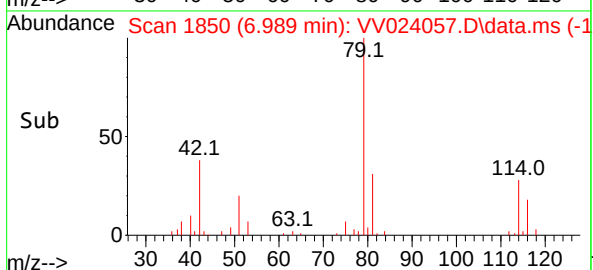
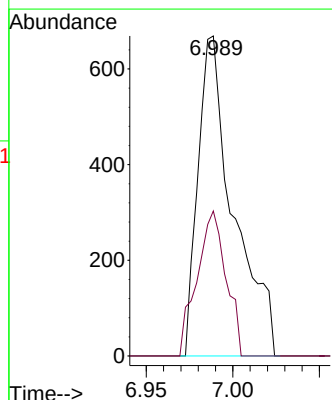
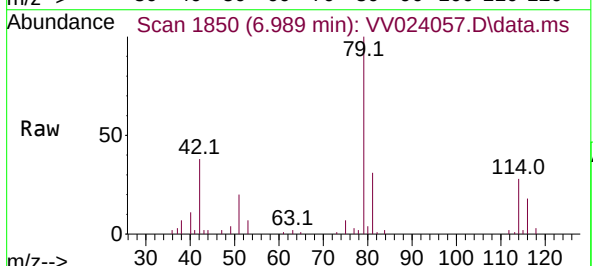
Acq: 17 Dec 2021 12:19

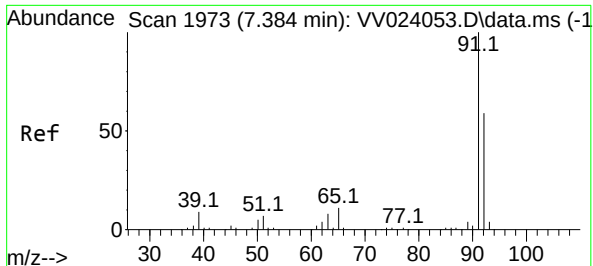
Tgt Ion: 75 Resp: 951

Ion Ratio Lower Upper

75 100

77 45.3 22.0 41.0#





#42

Toluene

Concen: 0.104 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV024057.D

Acq: 17 Dec 2021 12:19

Instrument :

MSVOA_V

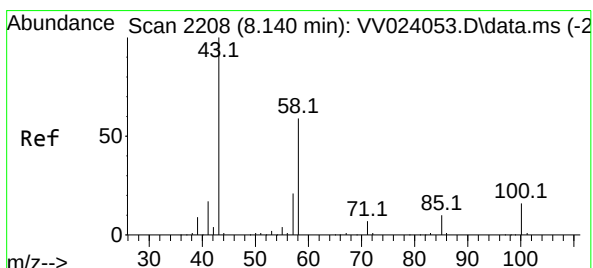
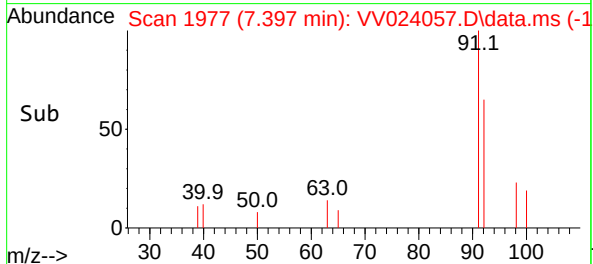
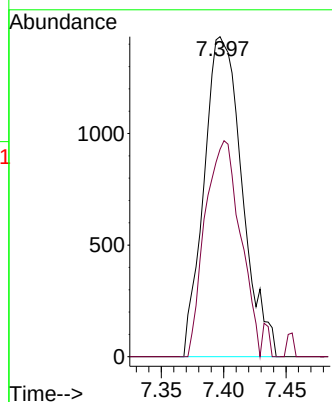
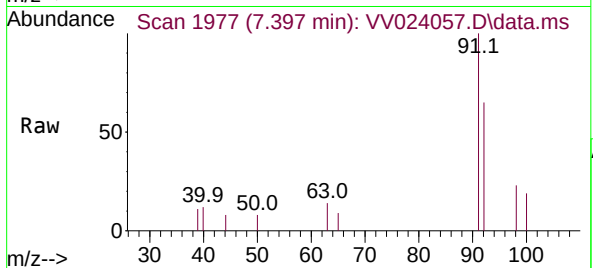
ClientSampleId :

Tgt Ion: 91 Resp: 3051

Ion Ratio Lower Upper

91 100

92 64.8 41.5 77.1



#48

2-Hexanone

Concen: 2.224 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.010 min

Lab File: VV024057.D

Acq: 17 Dec 2021 12:19

Tgt Ion: 43 Resp: 4798

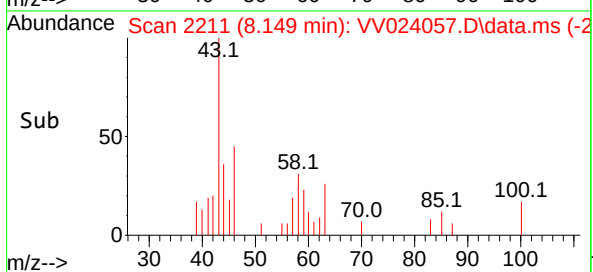
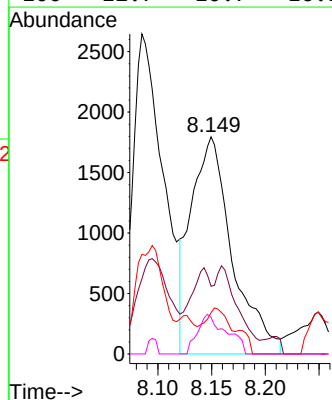
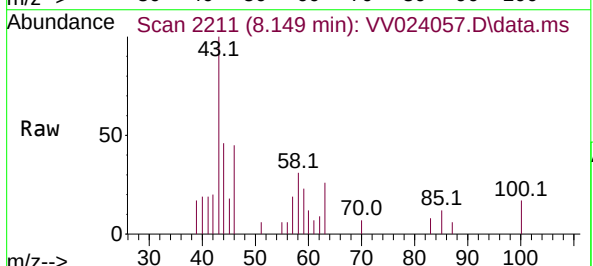
Ion Ratio Lower Upper

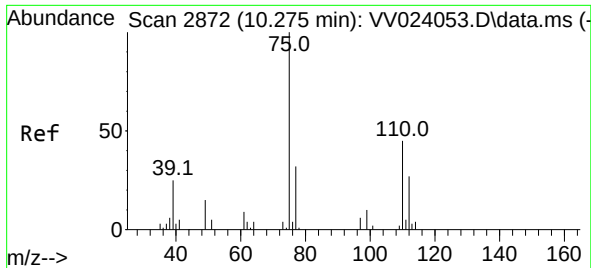
43 100

58 19.8 44.5 66.7#

57 5.9 15.1 22.7#

100 12.7 10.7 16.1

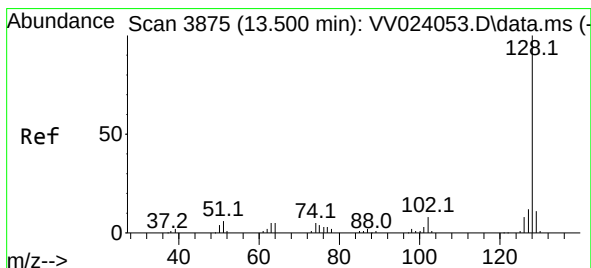
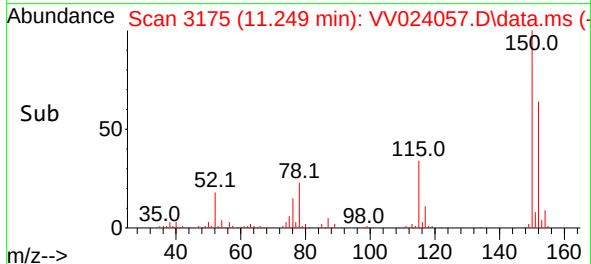
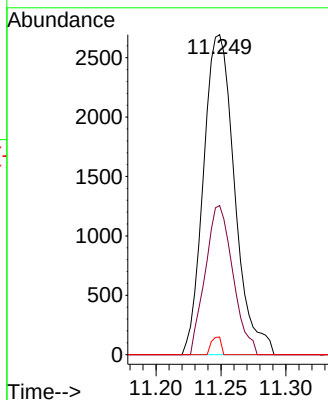
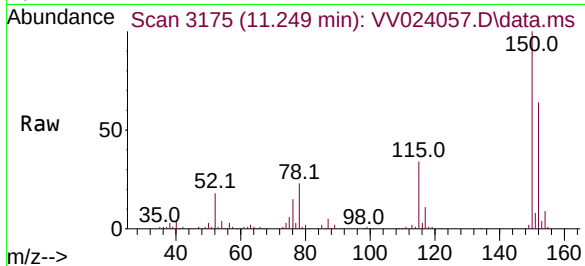




#61
1,2,3-Trichloropropane
Concen: 1.396 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV024057.D
Acq: 17 Dec 2021 12:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 4490
Ion Ratio Lower Upper
75 100
77 41.2 26.4 39.6#
110 1.7 34.2 51.2#



#71
Naphthalene
Concen: 0.078 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV024057.D
Acq: 17 Dec 2021 12:19

Tgt Ion: 128 Resp: 1031
Ion Ratio Lower Upper
128 100
129 4.4 9.0 13.4#
127 1.9 10.2 15.4#

