

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120921\
 Data File : VW023858.D
 Acq On : 09 Dec 2021 13:56
 Operator : SY/MD
 Sample : M4984-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 10 00:42:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

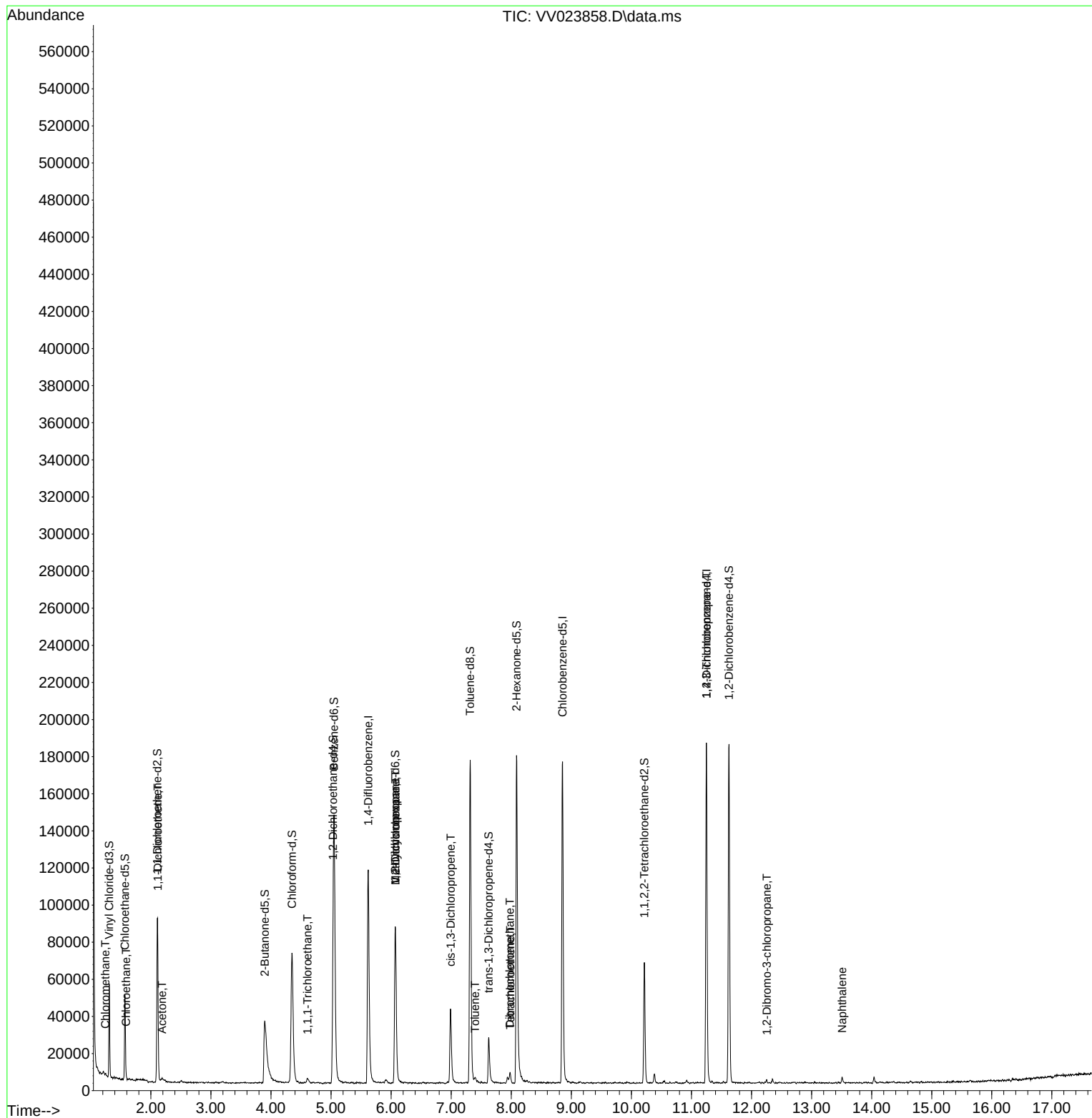
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	102397	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	101892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50166	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29560	3.517	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.568	69	26914	4.073	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.108	63	45967	3.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.896	46	74052	73.281	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	146.560%#
24) Chloroform-d	4.349	84	70867	4.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.034	65	35635	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.050	84	130653	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.069	67	38302	4.922	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.317	98	117199	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.625	79	14488	4.619	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.088	63	63031	60.484	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.960%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29048	5.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	48783	5.500	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	585	0.069	ug/L	95
8) Chloroethane	1.587	64	738	0.131	ug/L	89
12) 1,1-Dichloroethene	2.114	96	734	0.107	ug/L #	1
13) Acetone	2.188	43	1669	1.835	ug/L	76
29) 1,1,1-Trichloroethane	4.609	97	2204	0.166	ug/L #	58
35) Methylcyclohexane	6.072	83	10578	0.872	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4646	0.673	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1179	0.120	ug/L #	43
42) Toluene	7.400	91	2043	0.065	ug/L	89
47) Tetrachloroethene	7.985	164	1292	0.182	ug/L	83
49) Dibromochloromethane	7.979	129	1148	0.175	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	5460	1.535	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.252	75	67	0.095	ug/L #	1
71) Naphthalene	13.509	128	3140	0.251	ug/L #	91

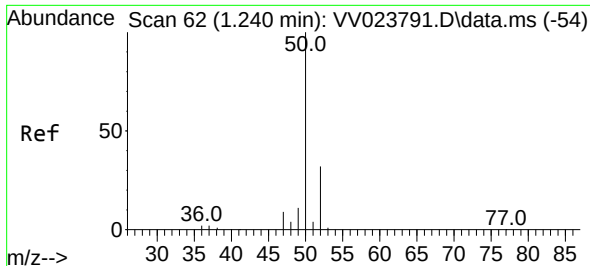
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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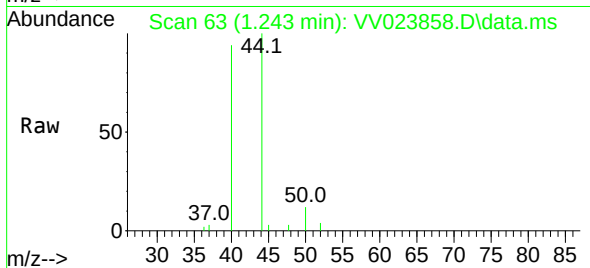
Quant Time: Dec 10 00:42:33 2021
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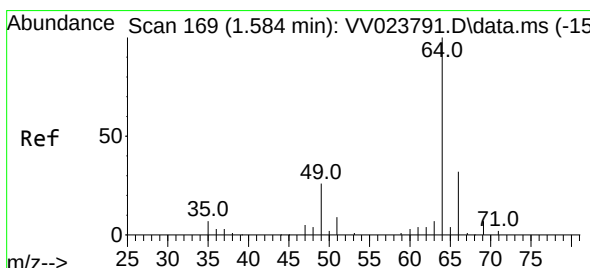
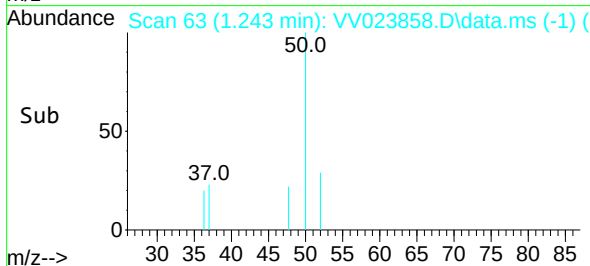
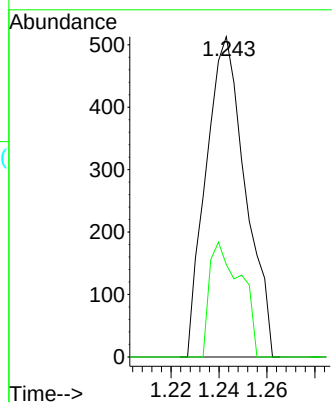


#3
Chloromethane
Concen: 0.069 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023858.D
Acq: 09 Dec 2021 13:56

Instrument :
MSVOA_V
ClientSampleId :

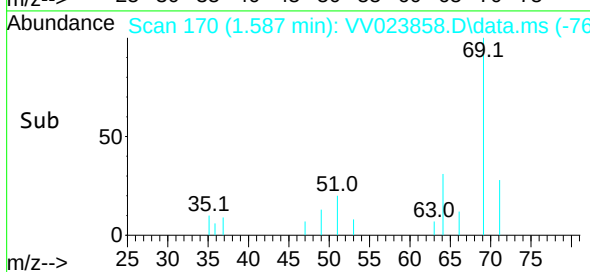
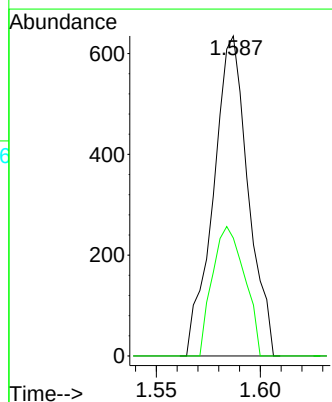
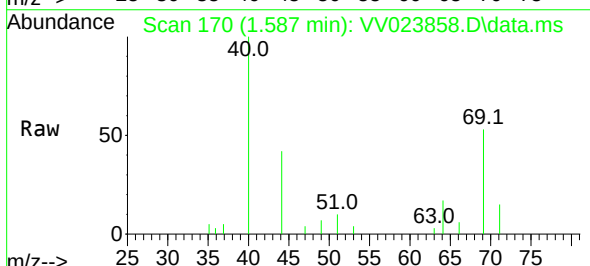


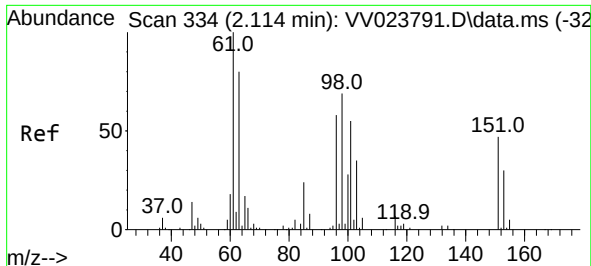
Tgt Ion: 50 Resp: 585
Ion Ratio Lower Upper
50 100
52 28.8 22.0 41.0



#8
Chloroethane
Concen: 0.131 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.003 min
Lab File: VV023858.D
Acq: 09 Dec 2021 13:56

Tgt Ion: 64 Resp: 738
Ion Ratio Lower Upper
64 100
66 36.9 21.4 39.8





#12

1,1-Dichloroethene

Concen: 0.107 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

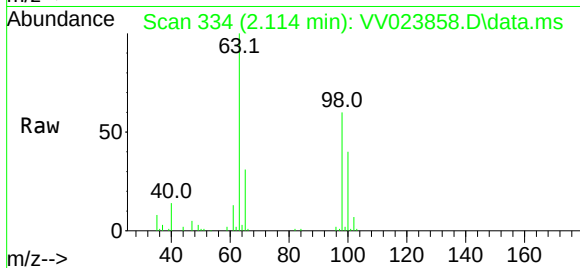
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Acq: 09 Dec 2021 13:56

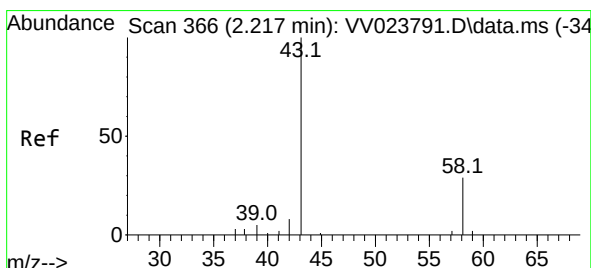
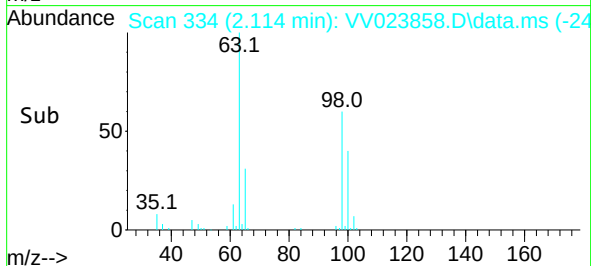
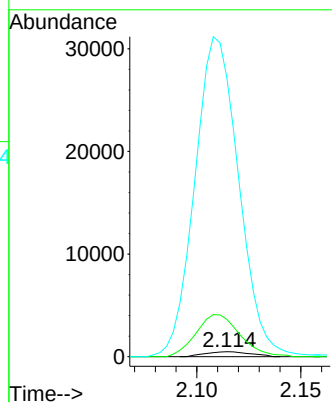
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	734
Ion	Ratio	Lower	Upper
96	100		
61	749.8	116.1	215.5#
63	5608.2	79.4	147.4#



#13

Acetone

Concen: 1.835 ug/L

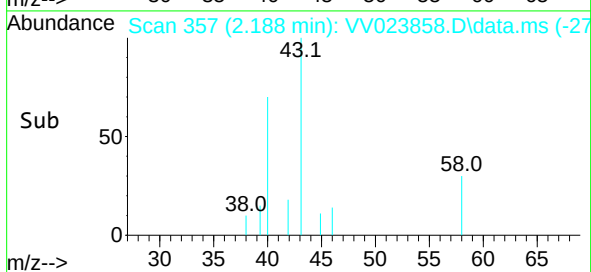
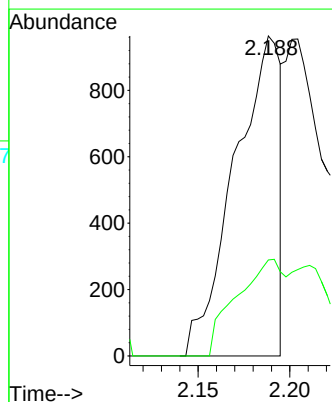
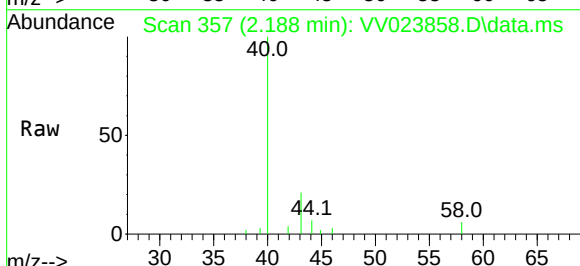
RT: 2.188 min Scan# 357

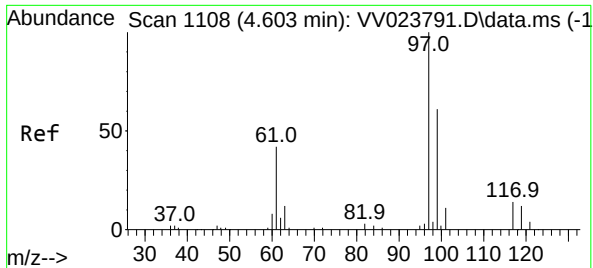
Delta R.T. -0.035 min

Lab File: VV023858.D

Acq: 09 Dec 2021 13:56

Tgt Ion:	43	Resp:	1669
Ion	Ratio	Lower	Upper
43	100		
58	31.7	0.0	41.4





#29

1,1,1-Trichloroethane

Concen: 0.166 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VV023858.D

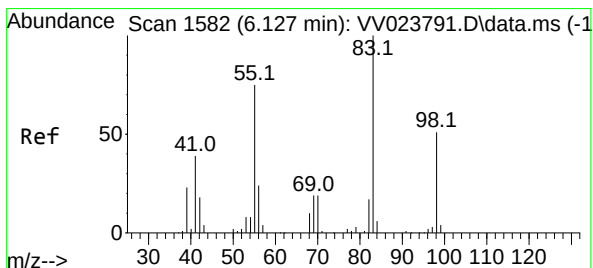
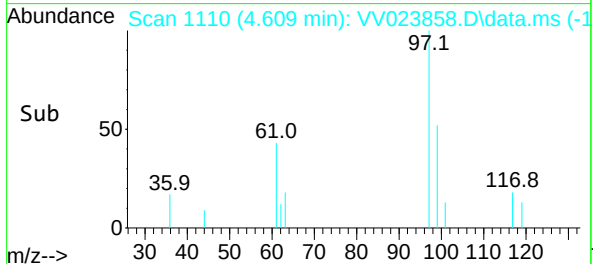
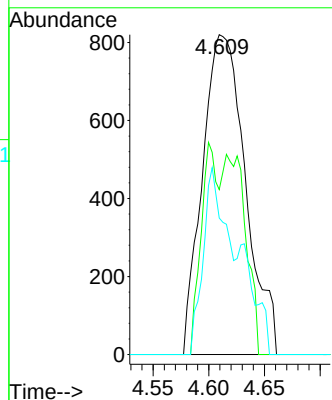
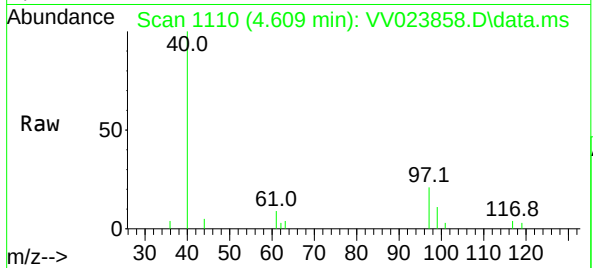
Acq: 09 Dec 2021 13:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	97	Resp:	2204
Ion	Ratio	Lower	Upper
97	100		
99	34.2	51.9	77.9#
61	12.9	33.2	49.8#



#35

Methylcyclohexane

Concen: 0.872 ug/L

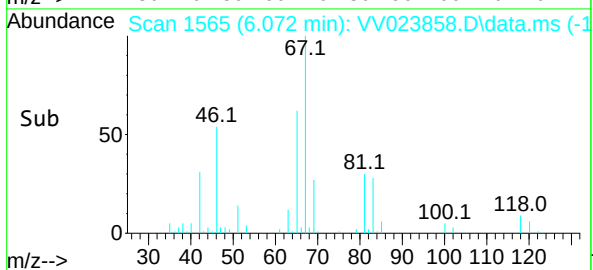
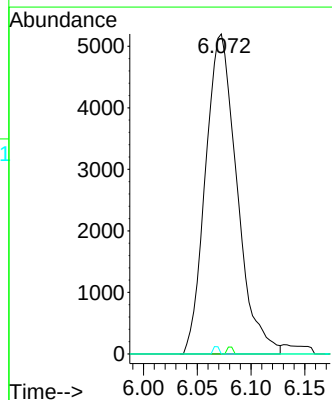
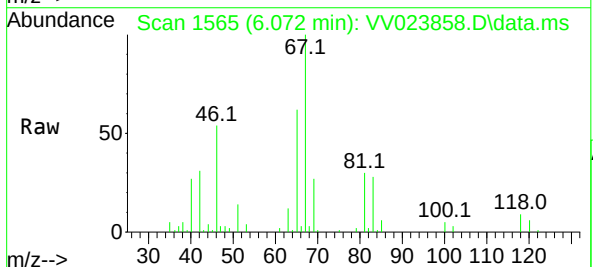
RT: 6.072 min Scan# 1565

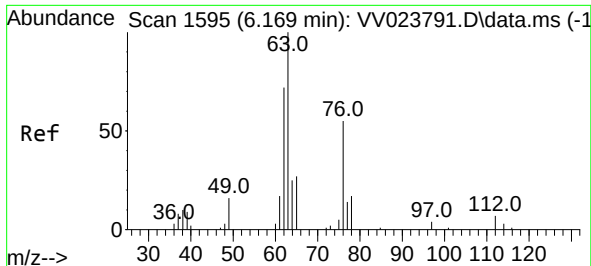
Delta R.T. -0.054 min

Lab File: VV023858.D

Acq: 09 Dec 2021 13:56

Tgt Ion:	83	Resp:	10578
Ion	Ratio	Lower	Upper
83	100		
55	0.4	60.2	90.2#
98	0.4	41.0	61.4#





#37

1,2-Dichloropropane

Concen: 0.673 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV023858.D

Acq: 09 Dec 2021 13:56

Instrument :

MSVOA_V

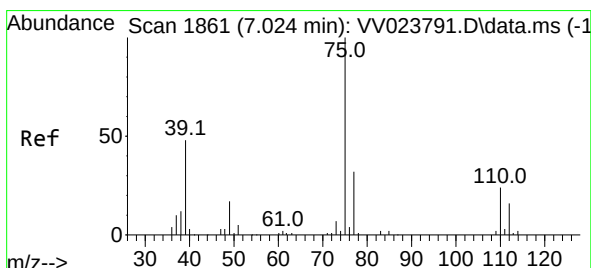
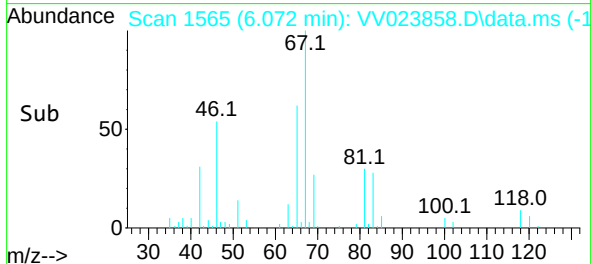
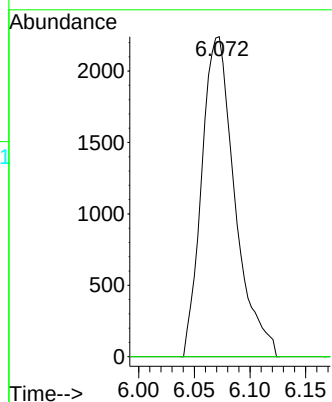
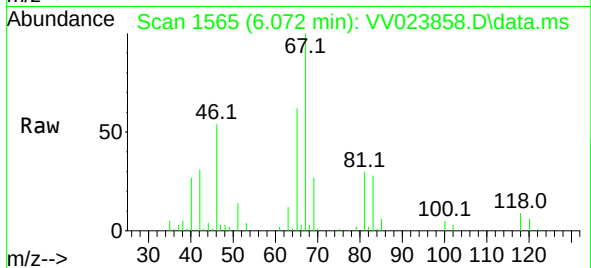
ClientSampleId :

Tgt Ion: 63 Resp: 4646

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV023858.D

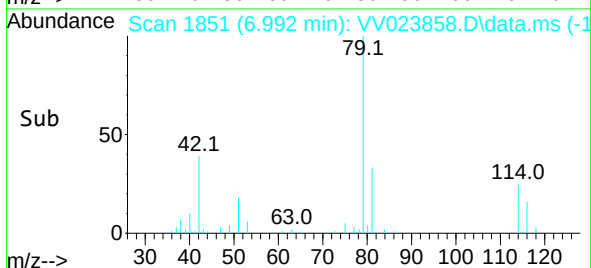
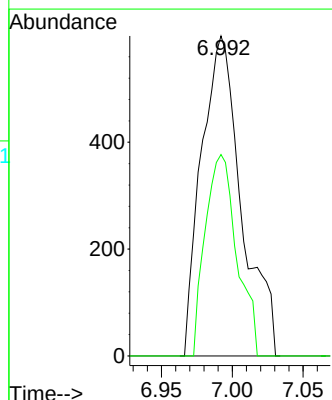
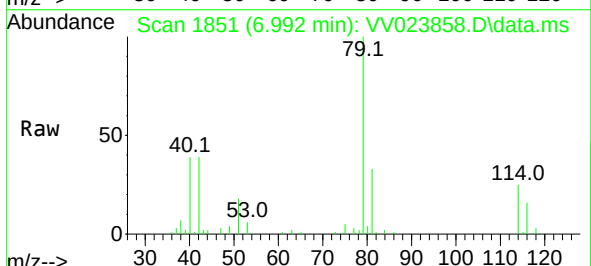
Acq: 09 Dec 2021 13:56

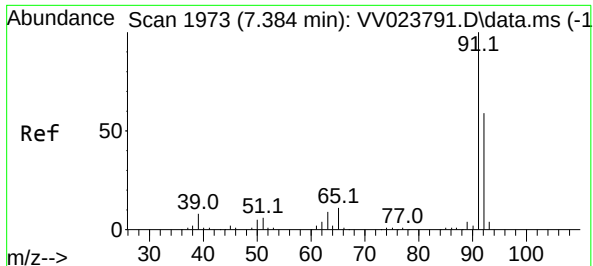
Tgt Ion: 75 Resp: 1179

Ion Ratio Lower Upper

75 100

77 62.9 22.0 41.0#

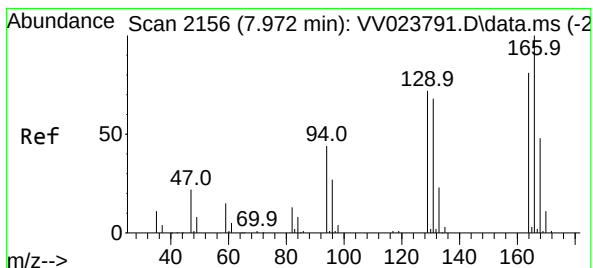
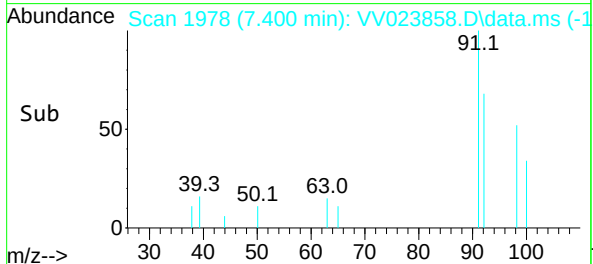
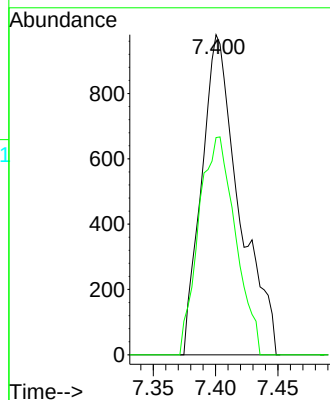
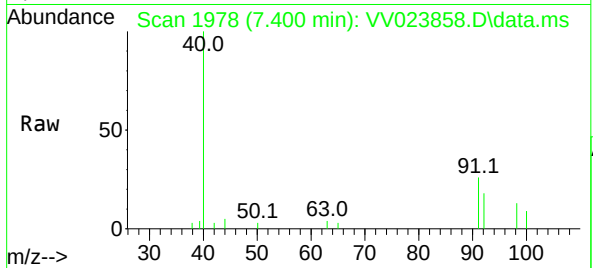




#42
Toluene
Concen: 0.065 ug/L
RT: 7.400 min Scan# 1973
Delta R.T. 0.016 min
Lab File: VV023858.D
Acq: 09 Dec 2021 13:56

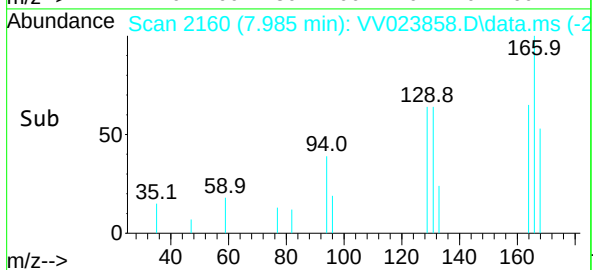
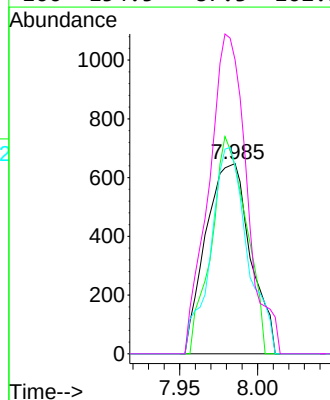
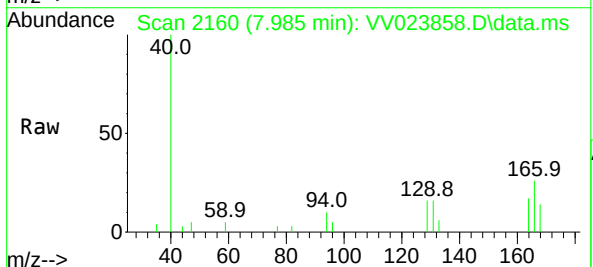
Instrument :
MSVOA_V
ClientSampleId :

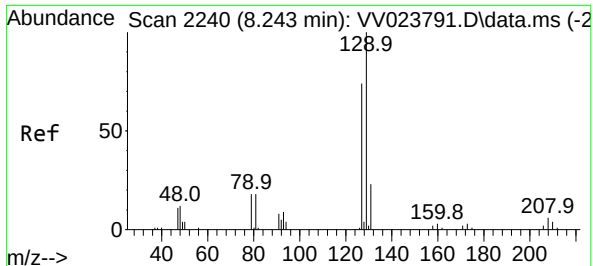
Tgt Ion: 91 Resp: 2043
Ion Ratio Lower Upper
91 100
92 67.9 41.5 77.1



#47
Tetrachloroethene
Concen: 0.182 ug/L
RT: 7.985 min Scan# 2160
Delta R.T. 0.013 min
Lab File: VV023858.D
Acq: 09 Dec 2021 13:56

Tgt Ion: 164 Resp: 1292
Ion Ratio Lower Upper
164 100
129 98.5 62.6 116.2
131 98.8 61.0 113.4
166 154.5 87.3 162.1





#49

Dibromochloromethane

Concen: 0.175 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.263 min

Lab File: VV023858.D

Acq: 09 Dec 2021 13:56

Instrument :

MSVOA_V

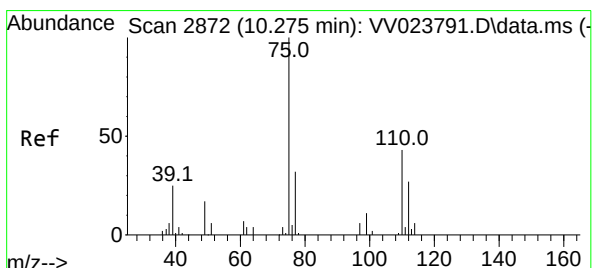
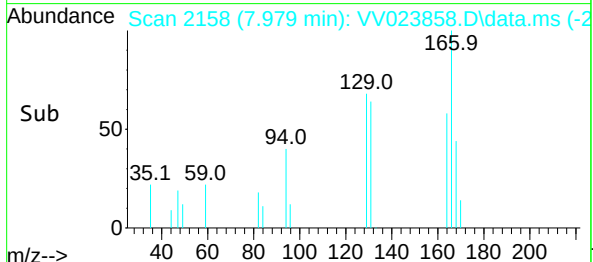
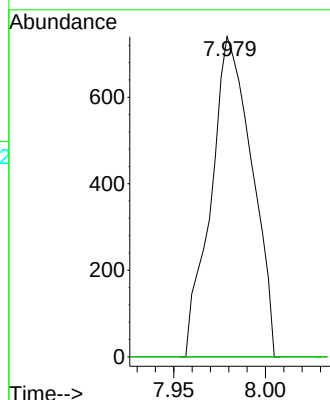
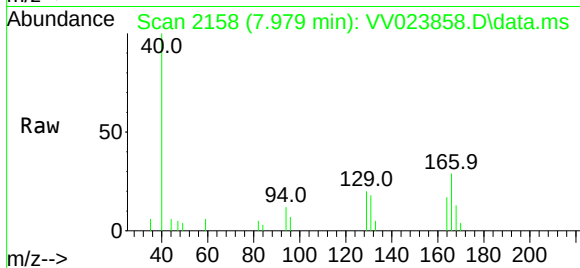
ClientSampleId :

Tgt Ion:129 Resp: 1148

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.535 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV023858.D

Acq: 09 Dec 2021 13:56

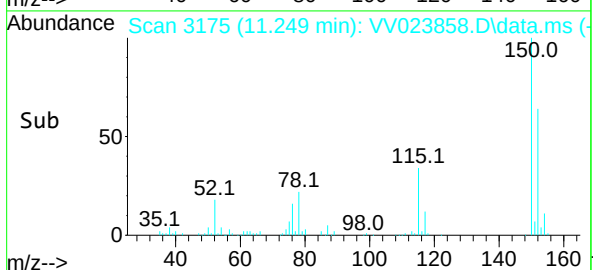
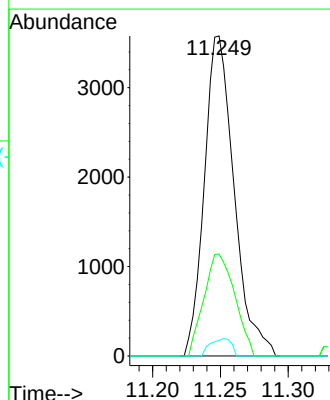
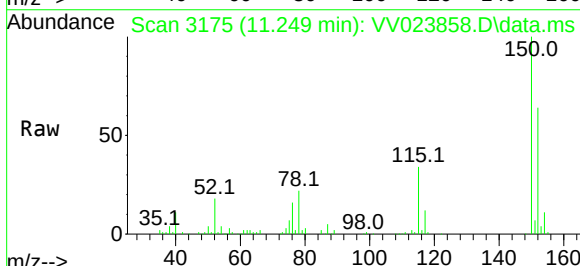
Tgt Ion: 75 Resp: 5460

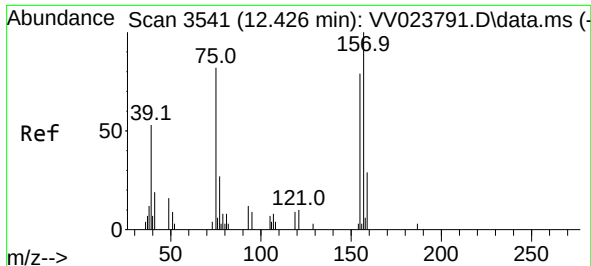
Ion Ratio Lower Upper

75 100

77 33.0 26.4 39.6

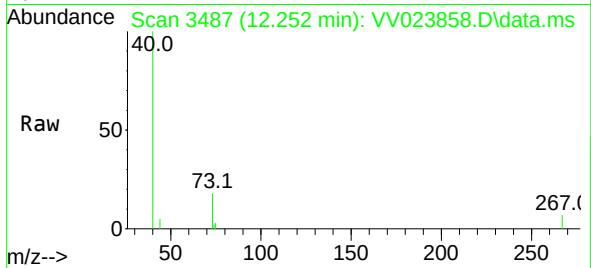
110 3.9 34.2 51.2#



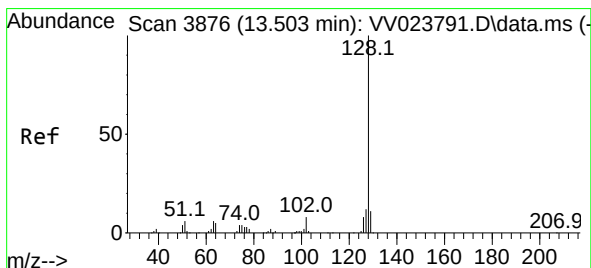
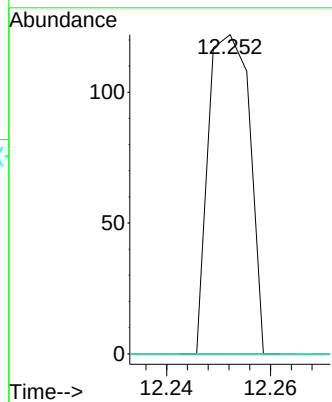
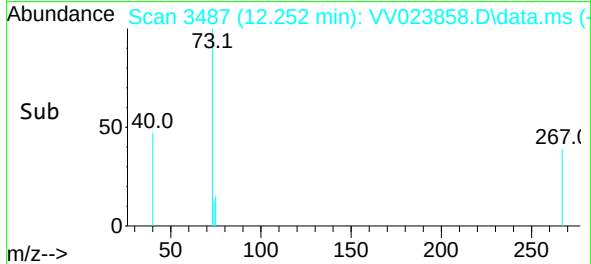


#68
1,2-Dibromo-3-chloropropane
Concen: 0.095 ug/L
RT: 12.252 min Scan# 34
Delta R.T. -0.173 min
Lab File: VV023858.D
Acq: 09 Dec 2021 13:56

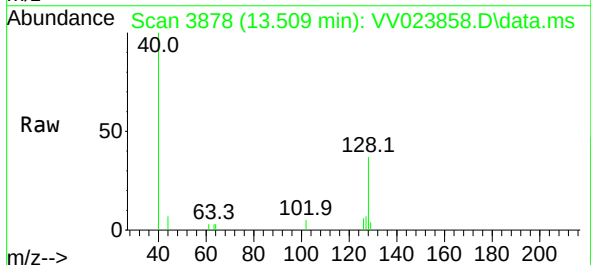
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 67
Ion Ratio Lower Upper
75 100
155 0.0 71.7 107.5#
157 0.0 103.3 154.9#



#71
Naphthalene
Concen: 0.251 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.007 min
Lab File: VV023858.D
Acq: 09 Dec 2021 13:56



Tgt Ion: 128 Resp: 3140
Ion Ratio Lower Upper
128 100
129 8.3 9.0 13.4#
127 9.0 10.2 15.4#

