

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120621\
 Data File : VW023807.D
 Acq On : 06 Dec 2021 18:56
 Operator : SY/MD
 Sample : M4979-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 07 05:33:49 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)

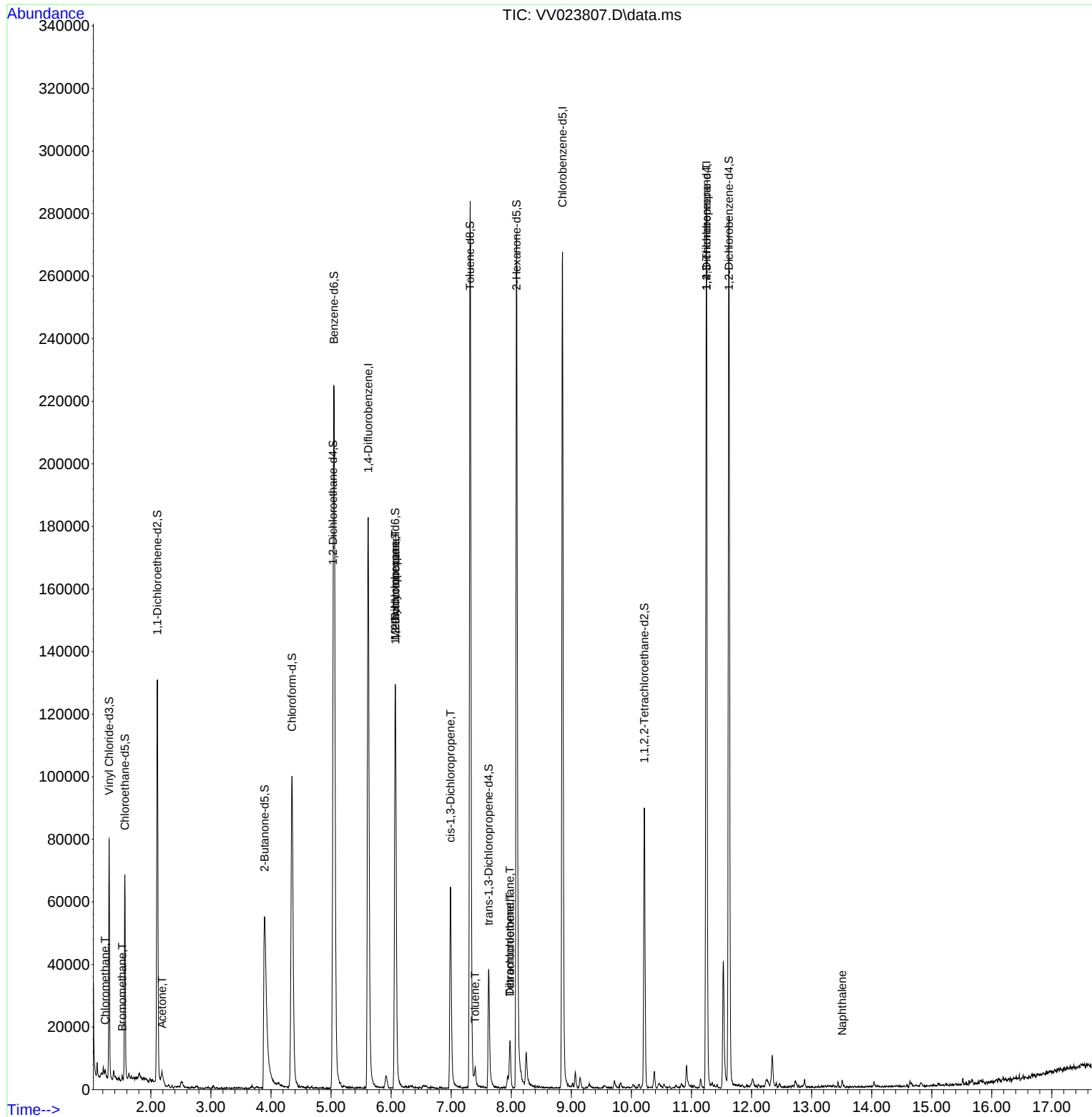
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	163116	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	151992	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76226	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	47128	3.520	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.400%	
7) Chloroethane-d5	1.568	69	38921	3.698	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.000%	
11) 1,1-Dichloroethene-d2	2.108	63	65882	2.792	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	55.800%#	
20) 2-Butanone-d5	3.892	46	113085	70.250	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	140.500%#	
24) Chloroform-d	4.349	84	105369	4.519	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
26) 1,2-Dichloroethane-d4	5.034	65	49473	4.542	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
32) Benzene-d6	5.050	84	208718	5.041	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
36) 1,2-Dichloropropane-d6	6.069	67	61998	5.341	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.800%	
41) Toluene-d8	7.317	98	190771	4.931	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
43) trans-1,3-Dichloroprop...	7.625	79	23155	4.949	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.000%	
46) 2-Hexanone-d5	8.088	63	96965	62.376	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	124.760%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41430	4.960	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	73448	5.450	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1424	0.106	ug/L	87
6) Bromomethane	1.523	94	598	0.075	ug/L	98
13) Acetone	2.188	43	7721	5.330	ug/L	73
35) Methylcyclohexane	6.069	83	15835	0.875	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	7122	0.691	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	2010	0.137	ug/L #	75
42) Toluene	7.397	91	3882	0.083	ug/L	92
47) Tetrachloroethene	7.979	164	3223	0.305	ug/L	90
49) Dibromochloromethane	7.979	129	3411	0.349	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7598	1.405	ug/L #	63
71) Naphthalene	13.509	128	2000	0.105	ug/L #	90

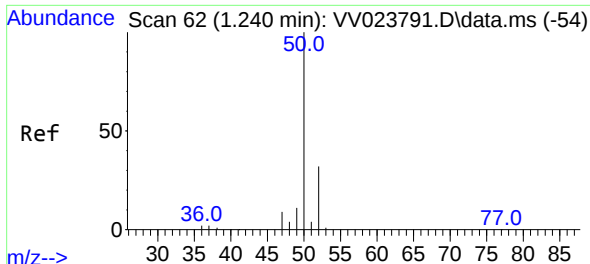
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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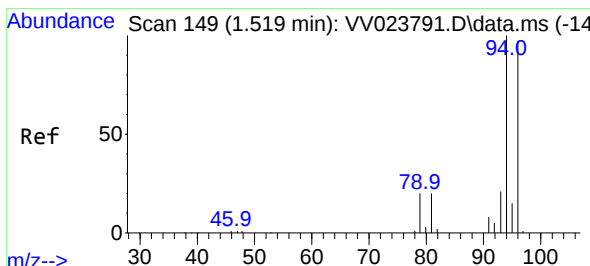
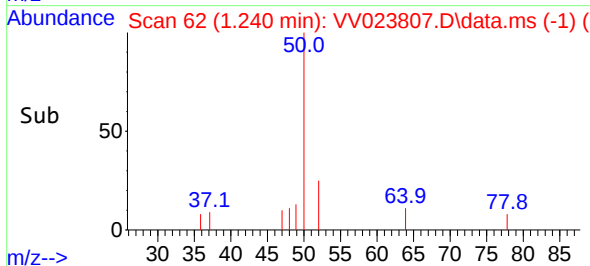
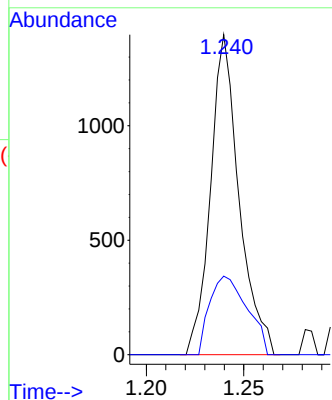
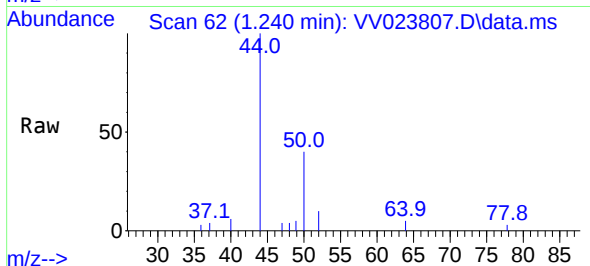




#3
Chloromethane
Concen: 0.106 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023807.D
Acq: 06 Dec 2021 18:56

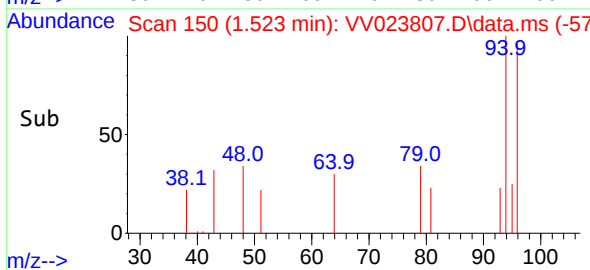
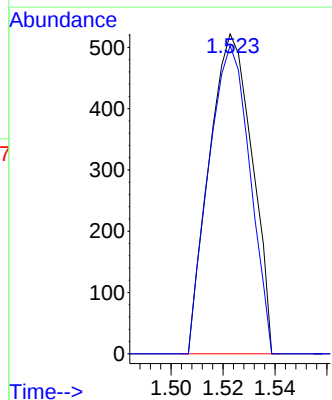
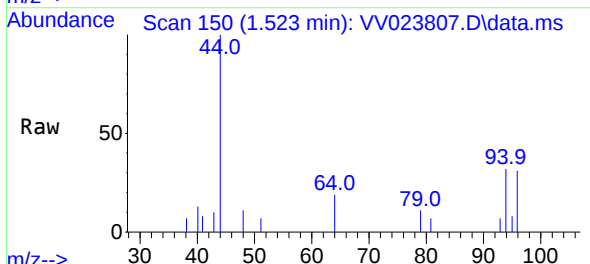
Instrument :
MSVOA_V
ClientSampleId :

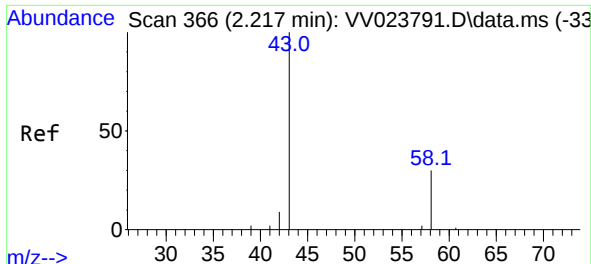
Tgt Ion: 50 Resp: 1424
Ion Ratio Lower Upper
50 100
52 24.5 22.0 41.0



#6
Bromomethane
Concen: 0.075 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.000 min
Lab File: VV023807.D
Acq: 06 Dec 2021 18:56

Tgt Ion: 94 Resp: 598
Ion Ratio Lower Upper
94 100
96 96.4 66.2 123.0





#13

Acetone

Concen: 5.330 ug/L

RT: 2.188 min Scan# 31

Delta R.T. -0.035 min

Lab File: VV023807.D

Acq: 06 Dec 2021 18:56

Instrument :

MSVOA_V

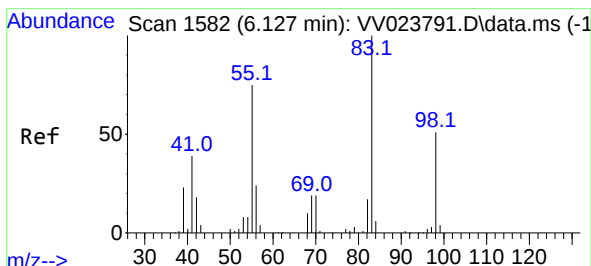
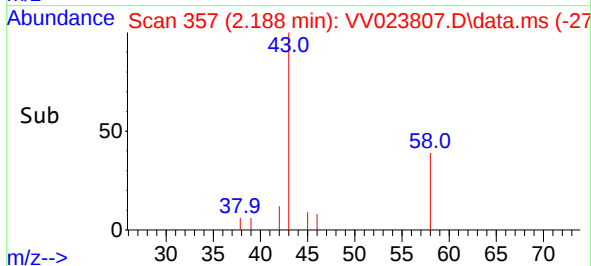
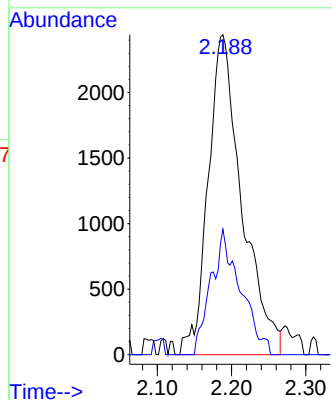
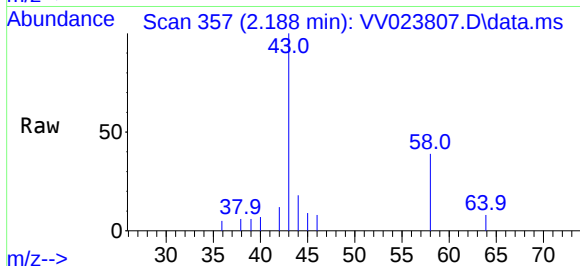
ClientSampleId :

Tgt Ion: 43 Resp: 7721

Ion Ratio Lower Upper

43 100

58 33.5 0.0 41.4



#35

Methylcyclohexane

Concen: 0.875 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV023807.D

Acq: 06 Dec 2021 18:56

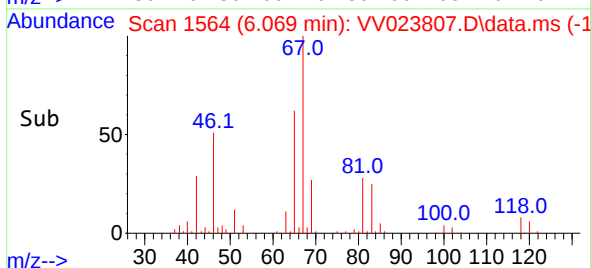
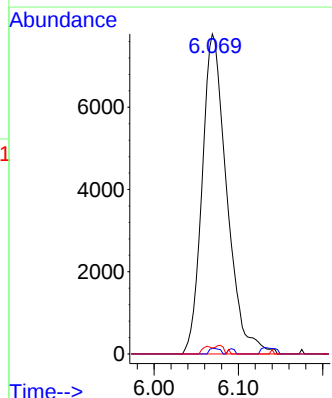
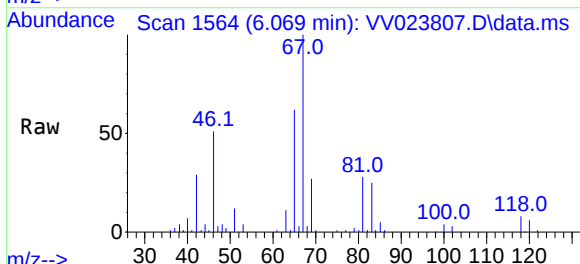
Tgt Ion: 83 Resp: 15835

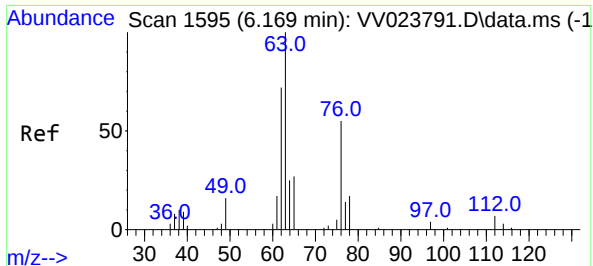
Ion Ratio Lower Upper

83 100

55 0.7 60.2 90.2#

98 0.9 41.0 61.4#

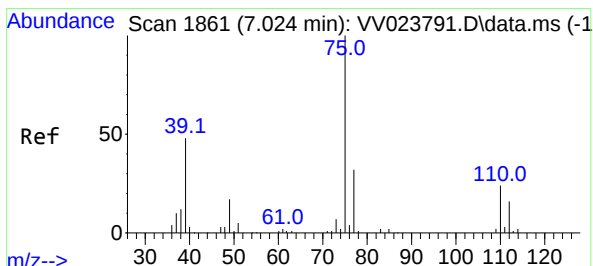
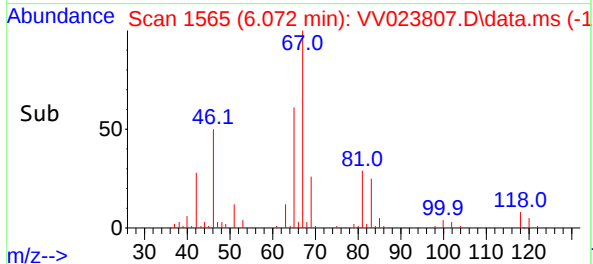
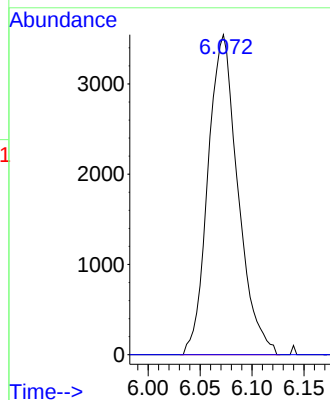
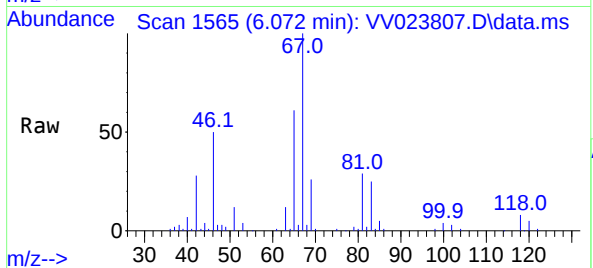




#37
1,2-Dichloropropane
Concen: 0.691 ug/L
RT: 6.072 min Scan# 11
Delta R.T. -0.096 min
Lab File: VV023807.D
Acq: 06 Dec 2021 18:56

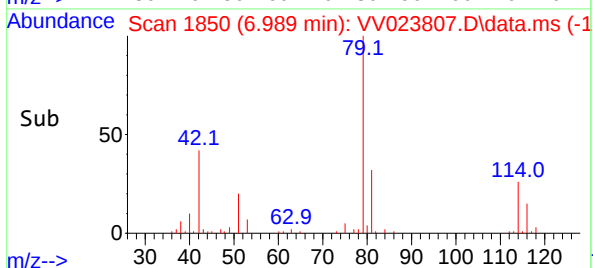
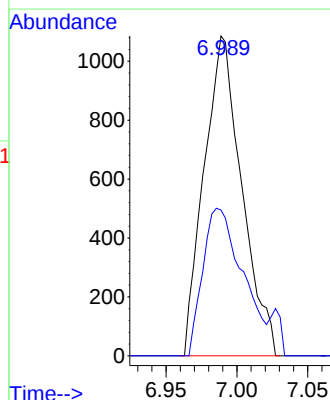
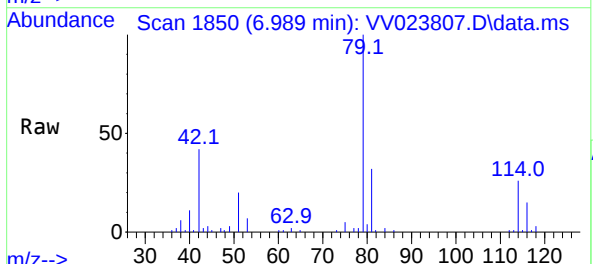
Instrument :
MSVOA_V
ClientSampleId :

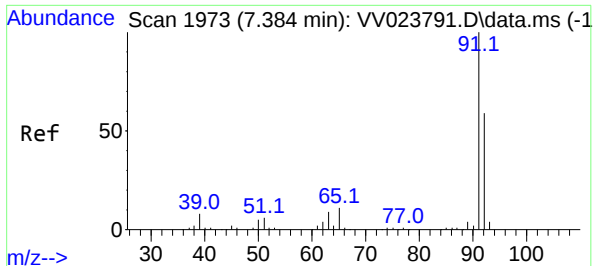
Tgt Ion: 63 Resp: 7122
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#



#39
cis-1,3-Dichloropropene
Concen: 0.137 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.035 min
Lab File: VV023807.D
Acq: 06 Dec 2021 18:56

Tgt Ion: 75 Resp: 2010
Ion Ratio Lower Upper
75 100
77 45.6 22.0 41.0#





#42

Toluene

Concen: 0.083 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV023807.D

Acq: 06 Dec 2021 18:56

Instrument :

MSVOA_V

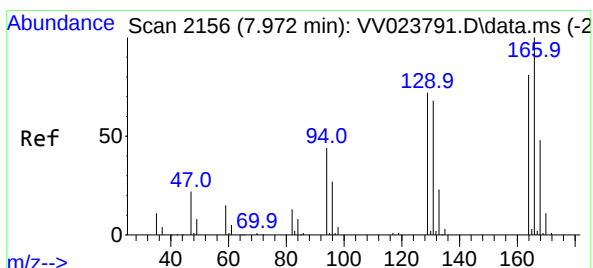
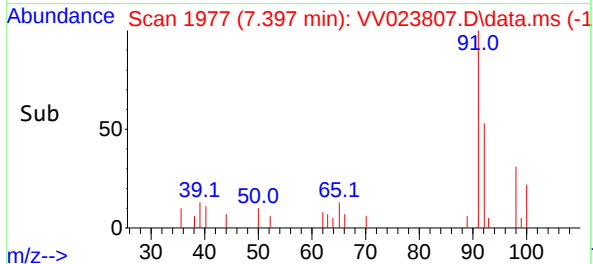
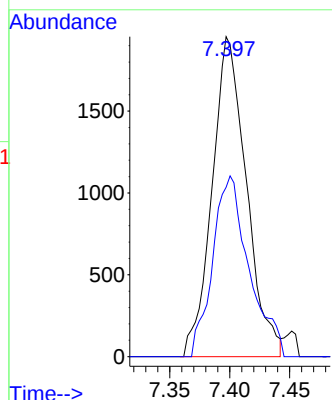
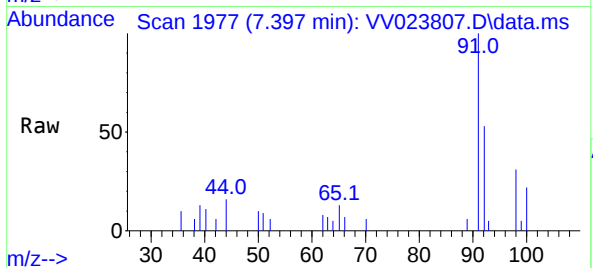
ClientSampleId :

Tgt Ion: 91 Resp: 3882

Ion Ratio Lower Upper

91 100

92 52.9 41.5 77.1



#47

Tetrachloroethene

Concen: 0.305 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.007 min

Lab File: VV023807.D

Acq: 06 Dec 2021 18:56

Tgt Ion: 164 Resp: 3223

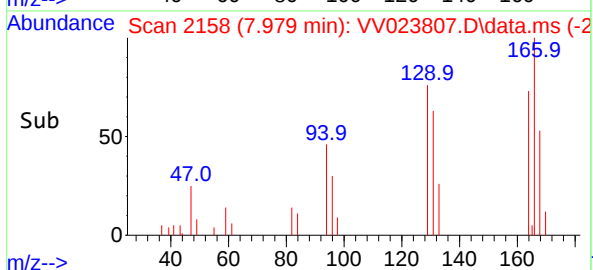
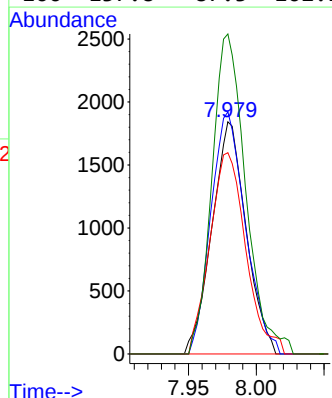
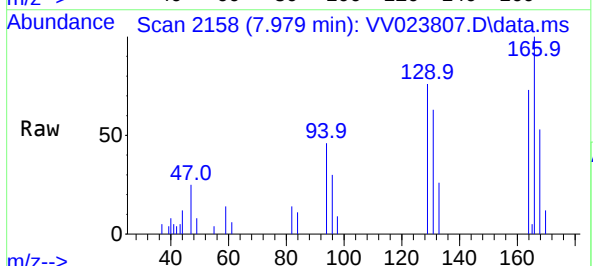
Ion Ratio Lower Upper

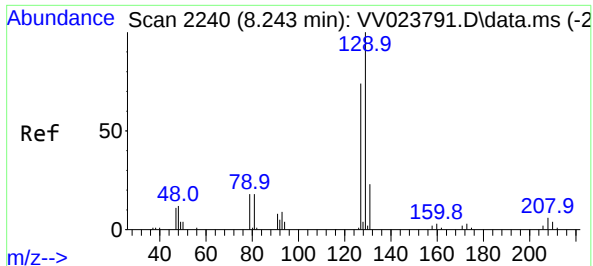
164 100

129 104.3 62.6 116.2

131 86.7 61.0 113.4

166 137.8 87.3 162.1





#49

Dibromochloromethane

Concen: 0.349 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV023807.D

Acq: 06 Dec 2021 18:56

Instrument :

MSVOA_V

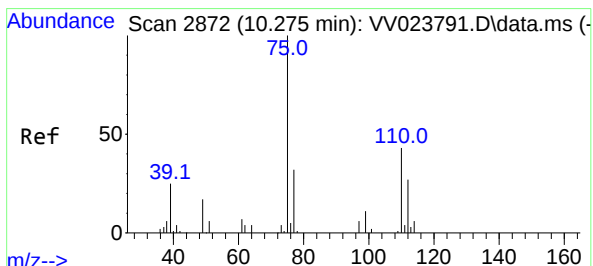
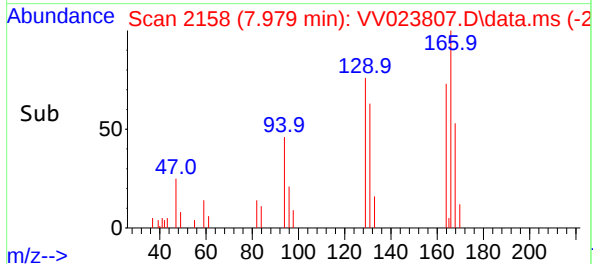
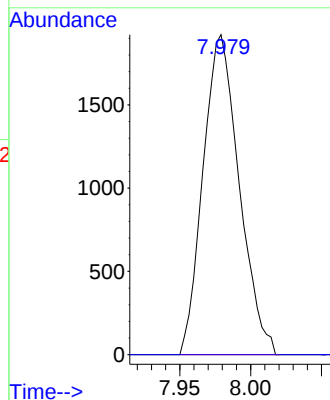
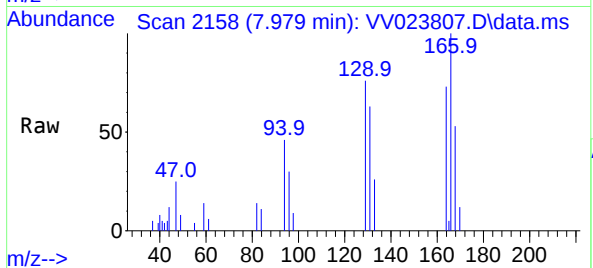
ClientSampleId :

Tgt Ion:129 Resp: 3411

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.405 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV023807.D

Acq: 06 Dec 2021 18:56

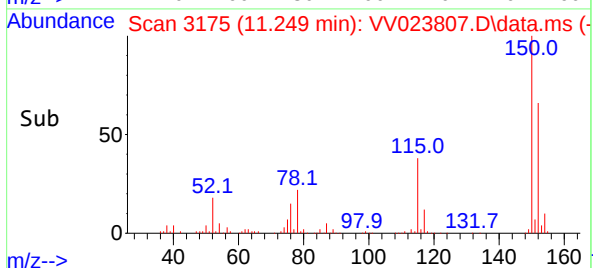
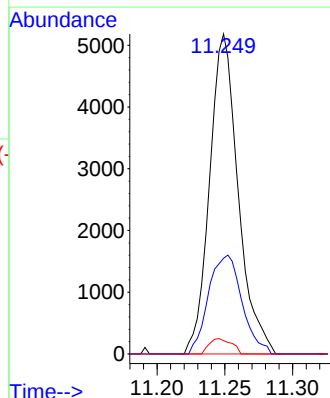
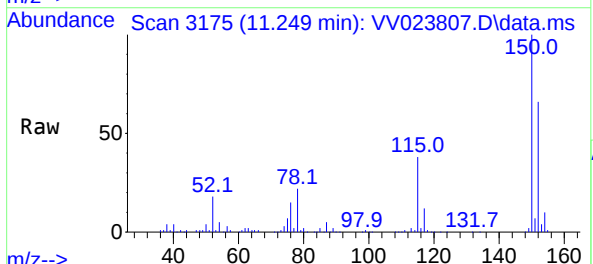
Tgt Ion: 75 Resp: 7598

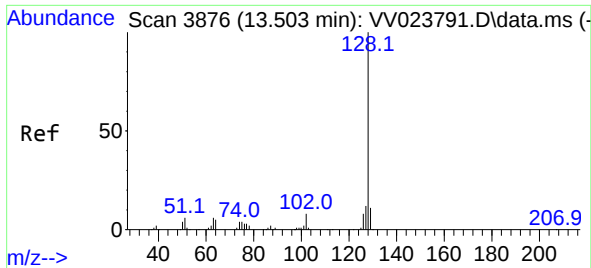
Ion Ratio Lower Upper

75 100

77 36.1 26.4 39.6

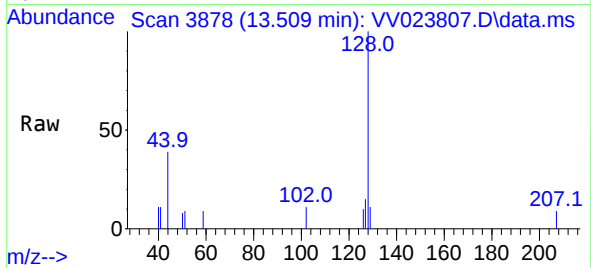
110 3.8 34.2 51.2#





#71
Naphthalene
Concen: 0.105 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.007 min
Lab File: VV023807.D
Acq: 06 Dec 2021 18:56

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 2000
Ion Ratio Lower Upper
128 100
129 3.5 9.0 13.4#
127 13.5 10.2 15.4

