

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102321\
 Data File : VW023008.D
 Acq On : 23 Oct 2021 14:35
 Operator : SY/MD
 Sample : M4277-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 25 01:06:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

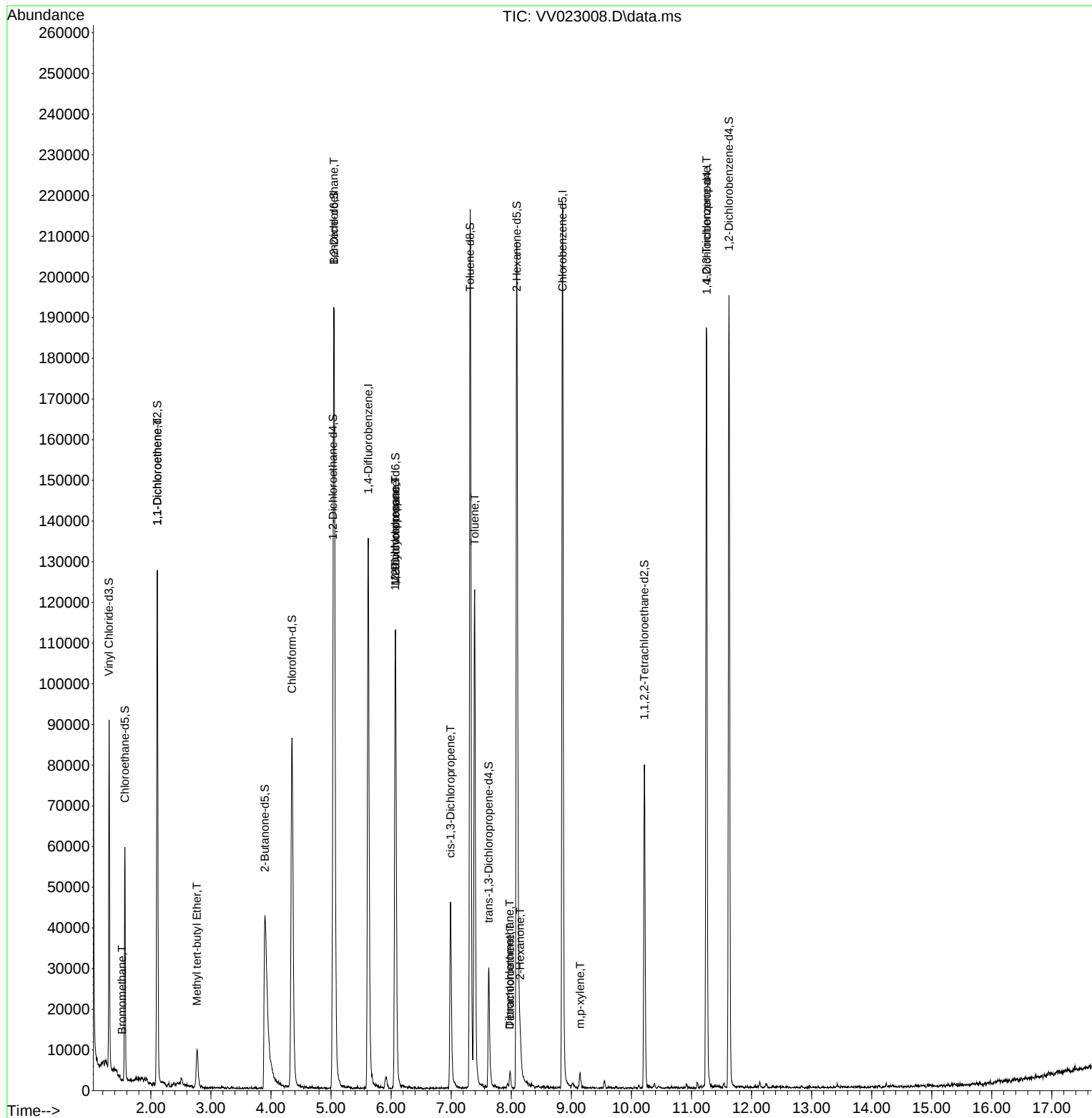
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119834	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	123321	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	51597	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	54074	5.164	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.200%		
7) Chloroethane-d5	1.568	69	34913	5.390	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.800%		
11) 1,1-Dichloroethene-d2	2.108	63	66181	4.381	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 87.600%		
20) 2-Butanone-d5	3.899	46	102735	61.161	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	= 122.320%		
24) Chloroform-d	4.349	84	91403	5.369	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.400%		
26) 1,2-Dichloroethane-d4	5.034	65	43265	5.392	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.800%		
32) Benzene-d6	5.050	84	175670	4.879	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 97.600%		
36) 1,2-Dichloropropane-d6	6.072	67	55763	5.031	ug/L	-0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 100.600%		
41) Toluene-d8	7.317	98	144235	4.460	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 89.200%		
43) trans-1,3-Dichloroprop...	7.625	79	18025	4.642	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 92.800%		
46) 2-Hexanone-d5	8.091	63	70309	48.903	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	= 97.800%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39369	5.144	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 102.800%		
66) 1,2-Dichlorobenzene-d4	11.625	152	52644	5.718	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 114.400%		
Target Compounds						Qvalue
6) Bromomethane	1.519	94	264	0.062	ug/L	73
12) 1,1-Dichloroethene	2.108	96	672	0.110	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	8633	0.589	ug/L #	89
27) 1,2-Dichloroethane	5.050	62	1108	0.132	ug/L #	72
35) Methylcyclohexane	6.072	83	13477	1.129	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6186	0.740	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1218	0.117	ug/L #	28
42) Toluene	7.391	91	90503	2.691	ug/L	97
47) Tetrachloroethene	7.982	164	994	0.141	ug/L	83
48) 2-Hexanone	8.146	43	6552	2.241	ug/L #	83
49) Dibromochloromethane	7.976	129	814	0.117	ug/L #	10
53) m,p-xylene	9.146	106	1124	0.084	ug/L	89
61) 1,2,3-Trichloropropane	11.249	75	5866	1.615	ug/L #	65

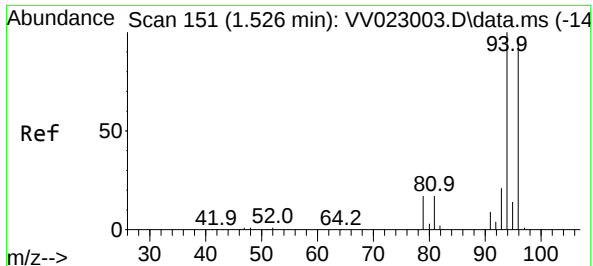
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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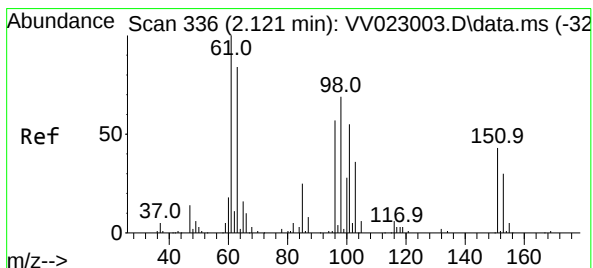
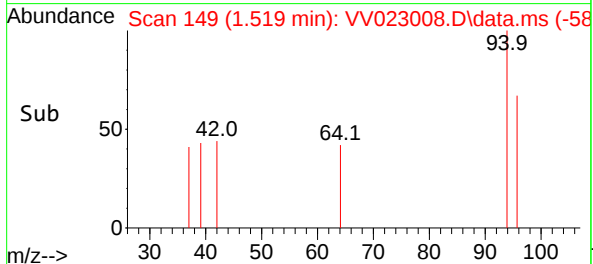
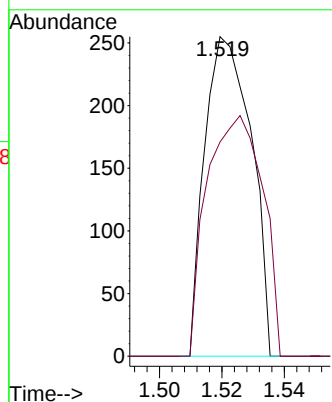
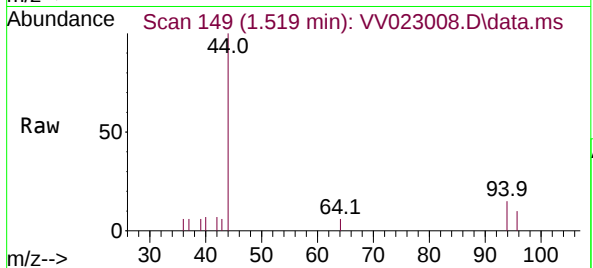




#6
Bromomethane
Concen: 0.062 ug/L
RT: 1.519 min Scan# 14
Delta R.T. -0.006 min
Lab File: VV023008.D
Acq: 23 Oct 2021 14:35

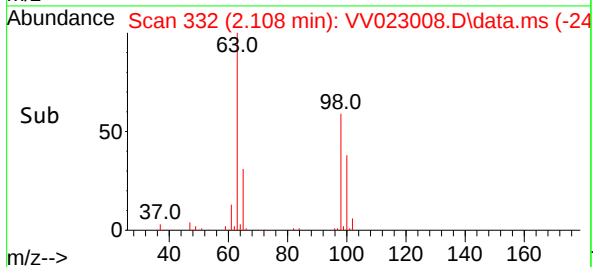
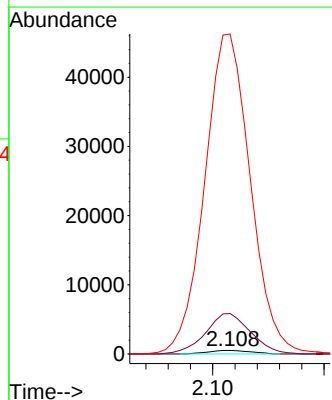
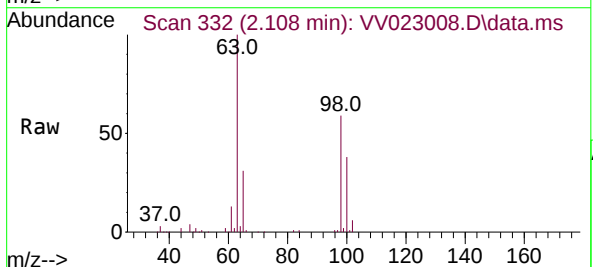
Instrument :
MSVOA_V
ClientSampleId :

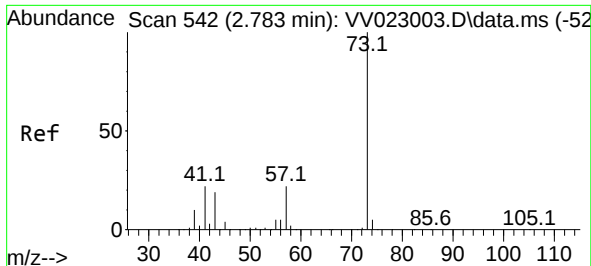
Tgt Ion: 94 Resp: 264
Ion Ratio Lower Upper
94 100
96 67.1 65.0 120.8



#12
1,1-Dichloroethene
Concen: 0.110 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.013 min
Lab File: VV023008.D
Acq: 23 Oct 2021 14:35

Tgt Ion: 96 Resp: 672
Ion Ratio Lower Upper
96 100
61 1150.2 121.5 225.7#
63 9105.5 99.6 185.0#

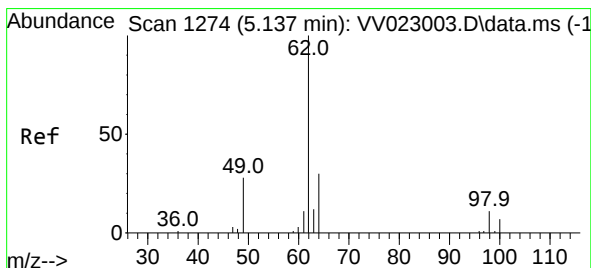
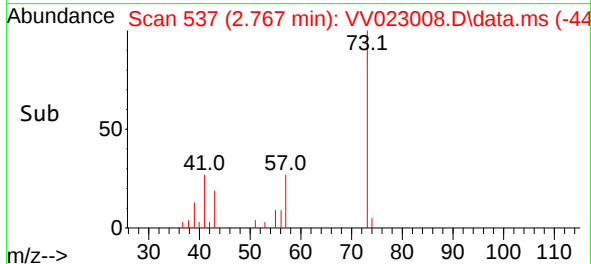
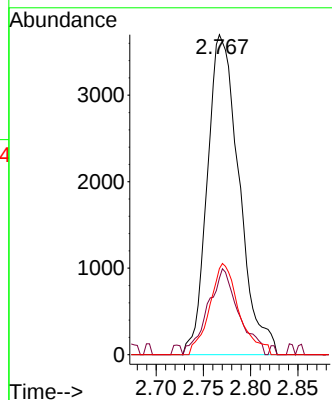
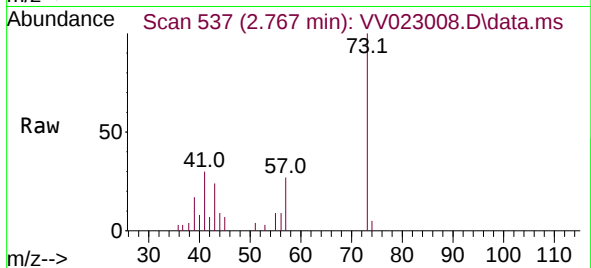




#17
Methyl tert-butyl Ether
Concen: 0.589 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.016 min
Lab File: VV023008.D
Acq: 23 Oct 2021 14:35

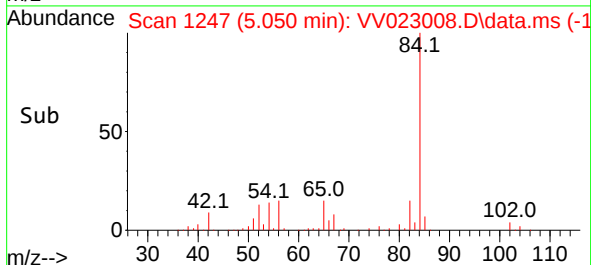
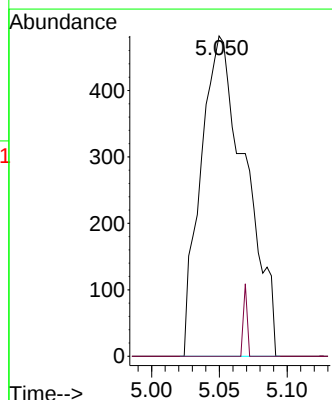
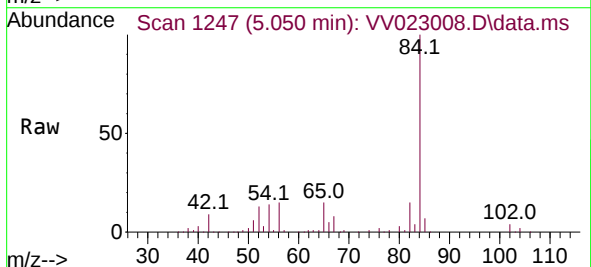
Instrument :
MSVOA_V
ClientSampleId :

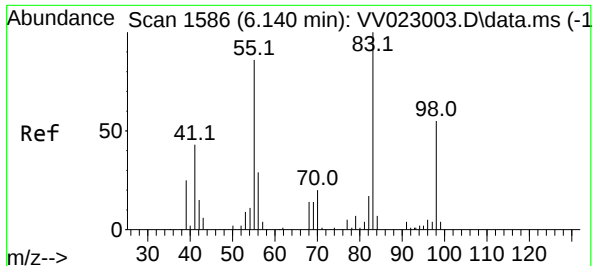
Tgt Ion: 73 Resp: 8633
Ion Ratio Lower Upper
73 100
43 25.9 17.4 26.0
57 26.4 16.5 24.7#



#27
1,2-Dichloroethane
Concen: 0.132 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.087 min
Lab File: VV023008.D
Acq: 23 Oct 2021 14:35

Tgt Ion: 62 Resp: 1108
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#





#35

Methylcyclohexane

Concen: 1.129 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.067 min

Lab File: VV023008.D

Acq: 23 Oct 2021 14:35

Instrument :

MSVOA_V

ClientSampleId :

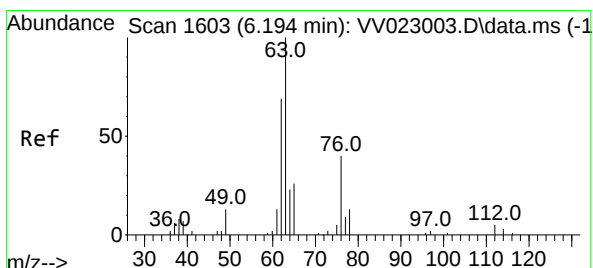
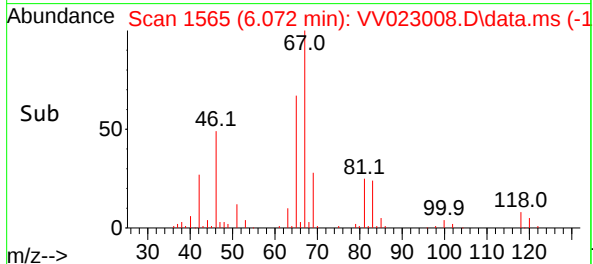
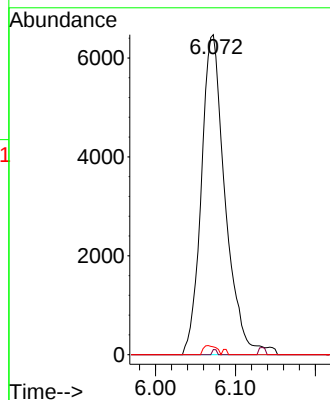
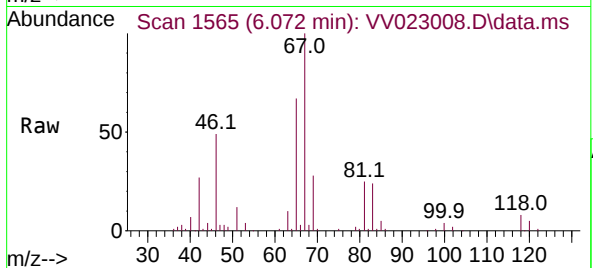
Tgt Ion: 83 Resp: 13477

Ion Ratio Lower Upper

83 100

55 0.3 62.8 94.2#

98 1.5 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.740 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.125 min

Lab File: VV023008.D

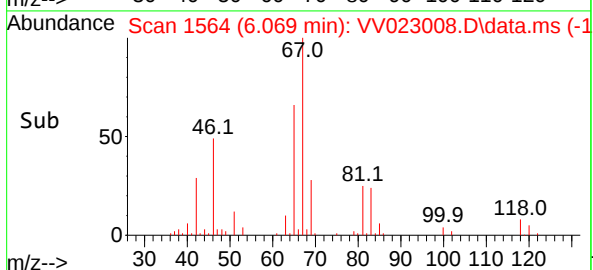
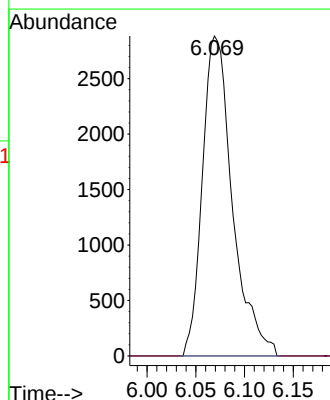
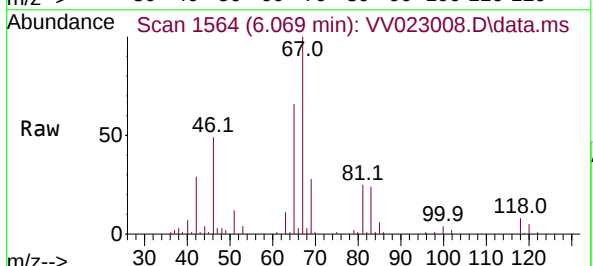
Acq: 23 Oct 2021 14:35

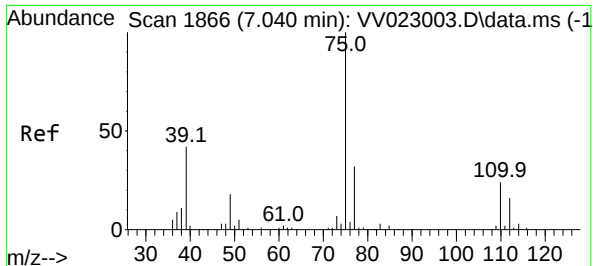
Tgt Ion: 63 Resp: 6186

Ion Ratio Lower Upper

63 100

112 0.3 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.051 min

Lab File: VV023008.D

Acq: 23 Oct 2021 14:35

Instrument :

MSVOA_V

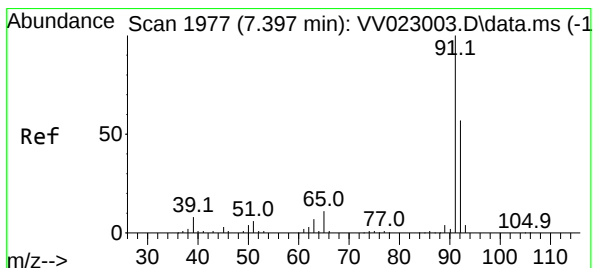
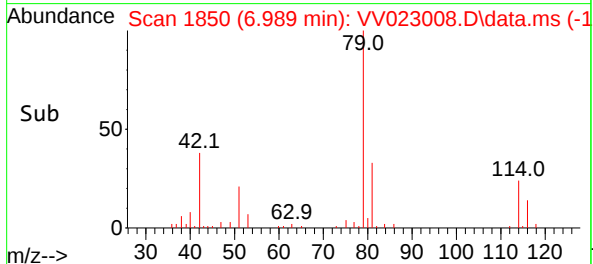
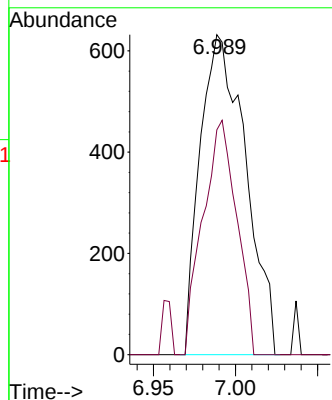
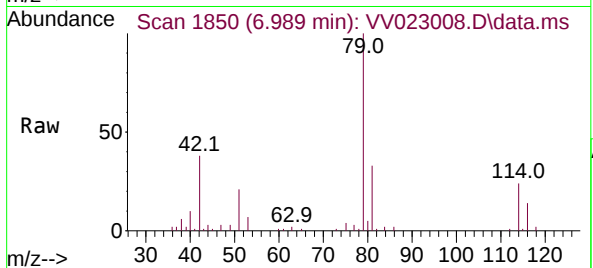
ClientSampleId :

Tgt Ion: 75 Resp: 1218

Ion Ratio Lower Upper

75 100

77 70.3 21.6 40.2#



#42

Toluene

Concen: 2.691 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. -0.006 min

Lab File: VV023008.D

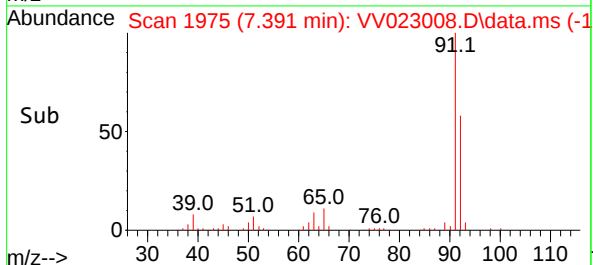
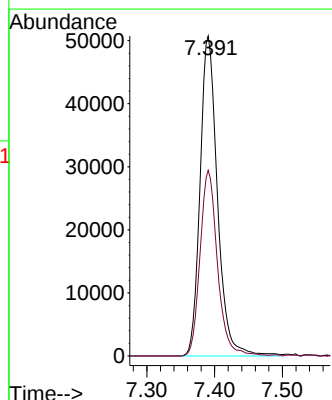
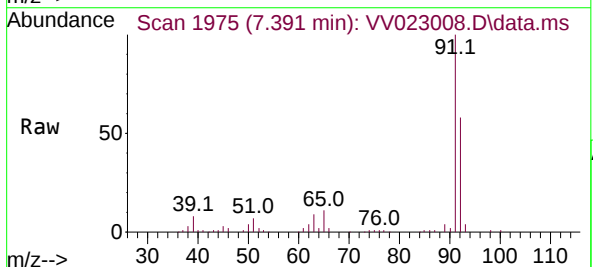
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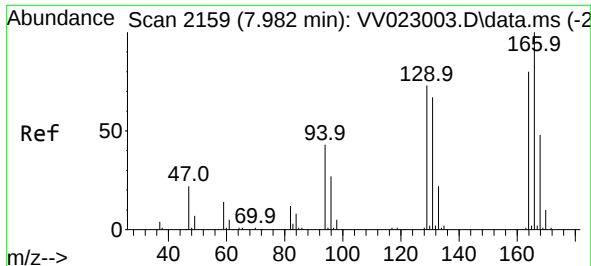
Tgt Ion: 91 Resp: 90503

Ion Ratio Lower Upper

91 100

92 58.0 39.3 72.9





#47

Tetrachloroethene

Concen: 0.141 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.000 min

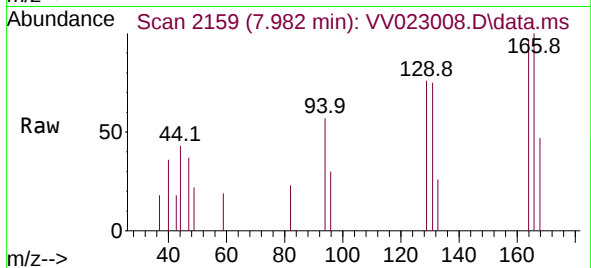
Lab File: VV023008.D

Acq: 23 Oct 2021 14:35

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 994

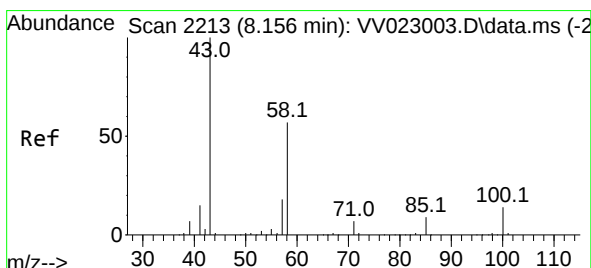
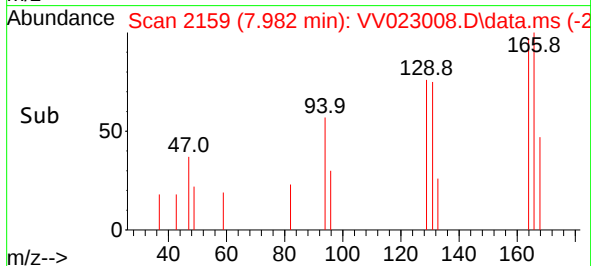
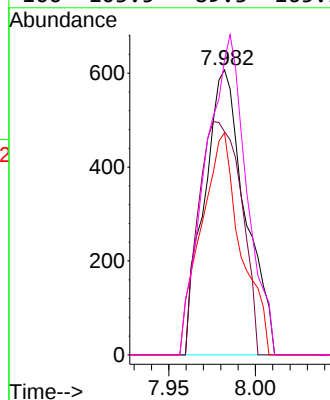
Ion Ratio Lower Upper

164 100

129 78.3 64.0 119.0

131 77.9 63.4 117.8

166 103.5 89.3 165.9



#48

2-Hexanone

Concen: 2.241 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. -0.010 min

Lab File: VV023008.D

Acq: 23 Oct 2021 14:35

Tgt Ion: 43 Resp: 6552

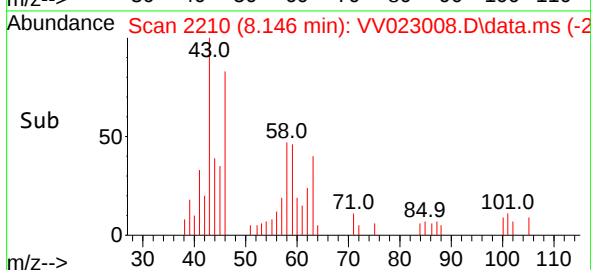
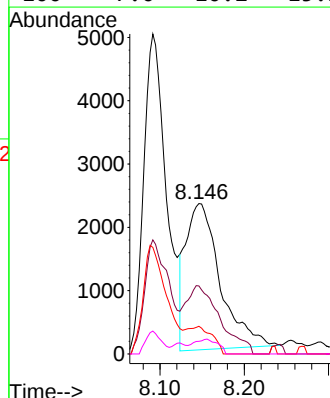
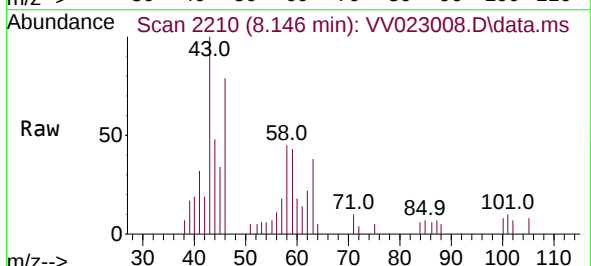
Ion Ratio Lower Upper

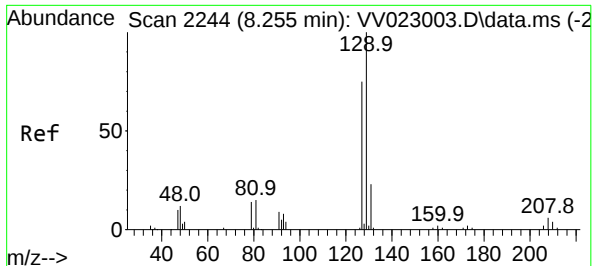
43 100

58 46.8 43.7 65.5

57 0.0 14.1 21.1#

100 7.0 10.2 15.2#





#49

Dibromochloromethane

Concen: 0.117 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.280 min

Lab File: VV023008.D

Acq: 23 Oct 2021 14:35

Instrument :

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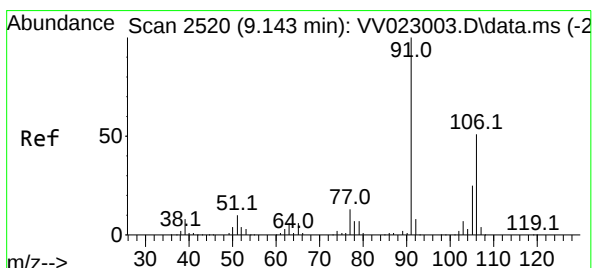
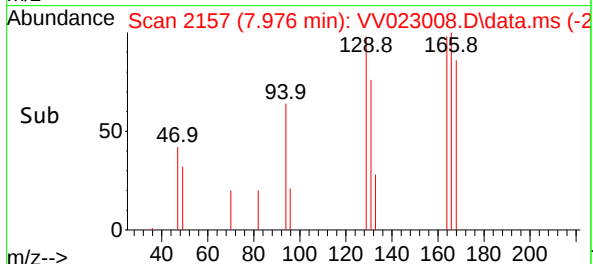
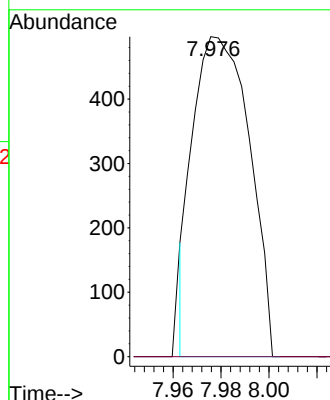
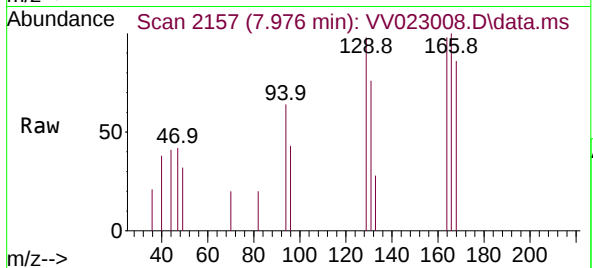
ClientSampleId :

Tgt Ion:129 Resp: 814

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#53

m,p-xylene

Concen: 0.084 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.003 min

Lab File: VV023008.D

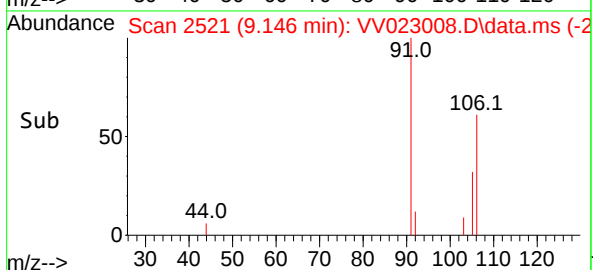
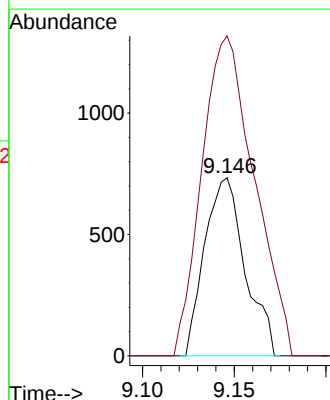
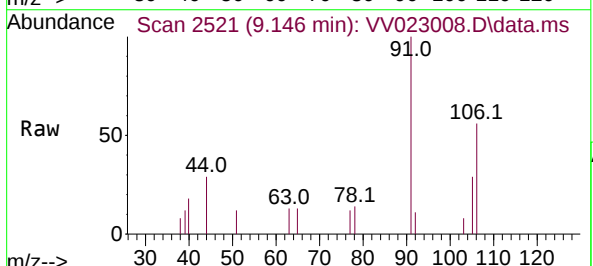
Acq: 23 Oct 2021 14:35

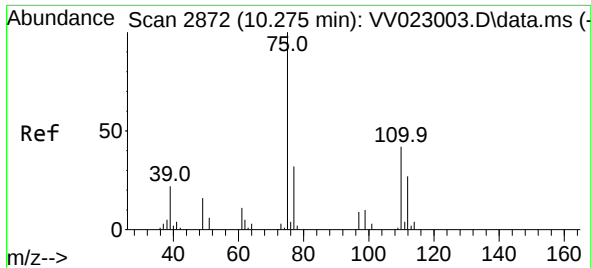
Tgt Ion:106 Resp: 1124

Ion Ratio Lower Upper

106 100

91 179.6 137.2 254.8





#61

1,2,3-Trichloropropane

Concen: 1.615 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

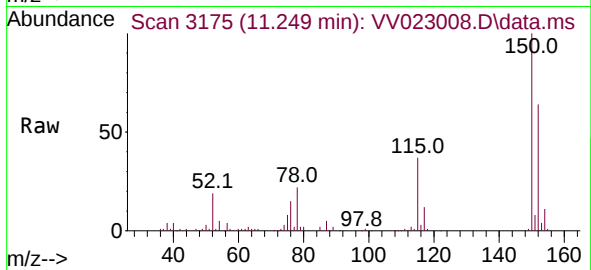
Lab File: VV023008.D

Acq: 23 Oct 2021 14:35

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5866

Ion Ratio Lower Upper

75 100

77 30.8 26.6 39.8

110 2.5 31.8 47.6#

