

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
 Data File : VV023386.D
 Acq On : 11 Nov 2021 14:32
 Operator : SY/MD
 Sample : M4558-14DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

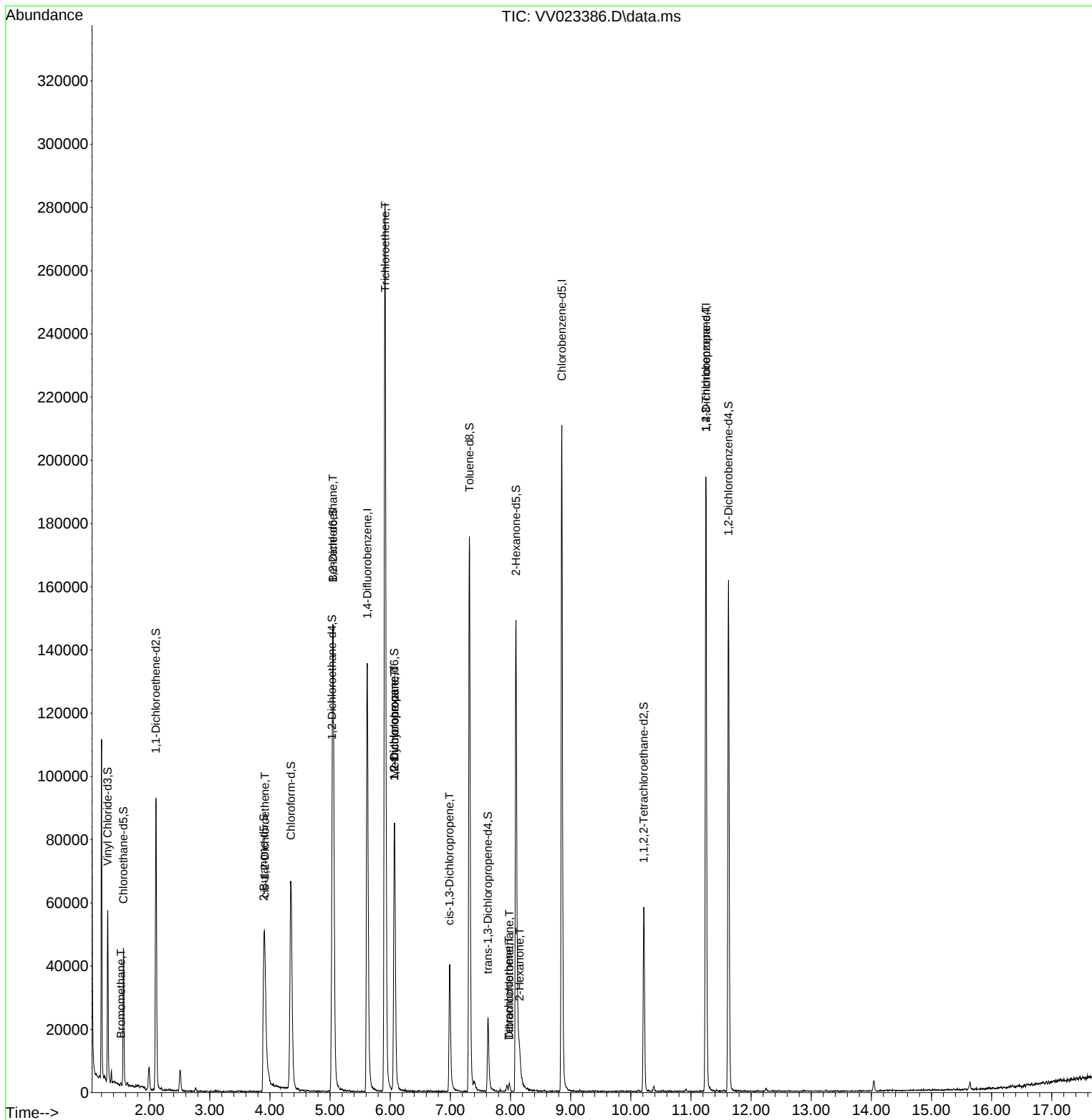
Quant Time: Nov 12 00:30:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 08:19:32 2021
 Response via : Initial Calibration

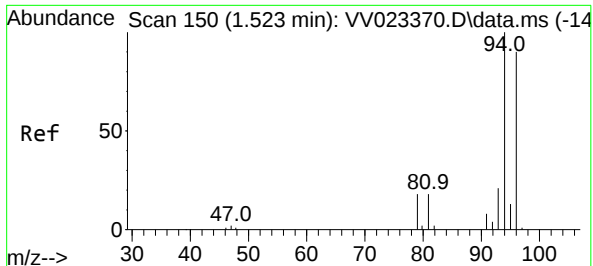
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119421	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	116775	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52515	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32866	4.393	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.800%	
7) Chloroethane-d5	1.565	69	26195	4.296	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.000%	
11) 1,1-Dichloroethene-d2	2.105	63	47398	3.384	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.600%	
20) 2-Butanone-d5	3.899	46	55136	42.778	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.560%	
24) Chloroform-d	4.349	84	68464	4.294	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
26) 1,2-Dichloroethane-d4	5.034	65	33728	4.704	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
32) Benzene-d6	5.050	84	134157	4.478	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.600%	
36) 1,2-Dichloropropane-d6	6.069	67	41368	4.690	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.800%	
41) Toluene-d8	7.317	98	116193	4.138	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.800%	
43) trans-1,3-Dichloroprop...	7.625	79	14832	4.435	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.600%	
46) 2-Hexanone-d5	8.092	63	54903	44.619	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.240%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28293	4.461	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	42940	4.911	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.200%	
Target Compounds						Qvalue
6) Bromomethane	1.523	94	452	0.072	ug/L	80
22) cis-1,2-Dichloroethene	3.915	96	14093	1.673	ug/L #	94
27) 1,2-Dichloroethane	5.050	62	804	0.096	ug/L #	72
34) Trichloroethene	5.915	95	96164	11.079	ug/L	97
35) Methylcyclohexane	6.072	83	10532	0.769	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4750	0.623	ug/L #	83
39) cis-1,3-Dichloropropene	6.986	75	1111	0.101	ug/L	88
47) Tetrachloroethene	7.976	164	637	0.085	ug/L	80
48) 2-Hexanone	8.150	43	4078	1.647	ug/L #	71
49) Dibromochloromethane	7.982	129	552	0.080	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5769	1.654	ug/L #	66

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

Quant Time: Nov 12 00:30:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 11 08:19:32 2021
Response via : Initial Calibration

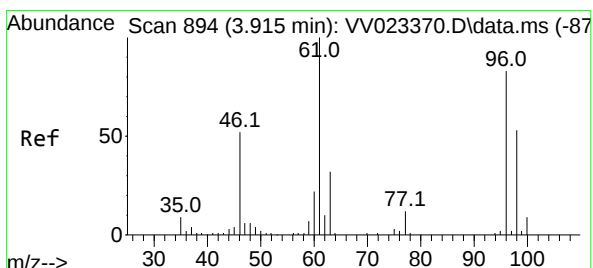
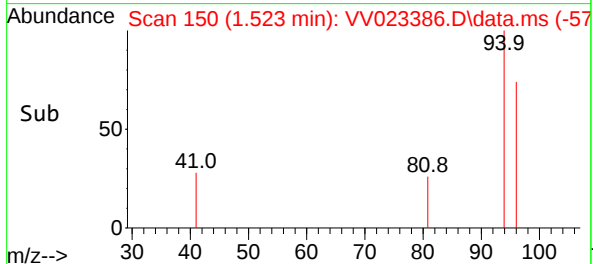
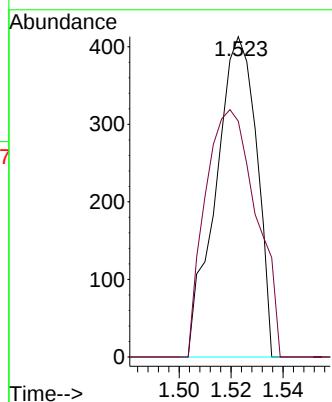
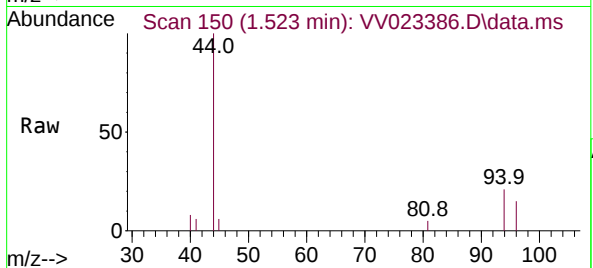




#6
Bromomethane
Concen: 0.072 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV023386.D
Acq: 11 Nov 2021 14:32

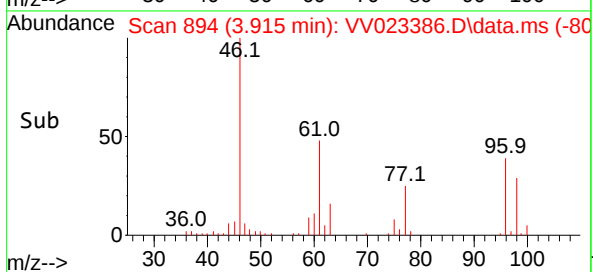
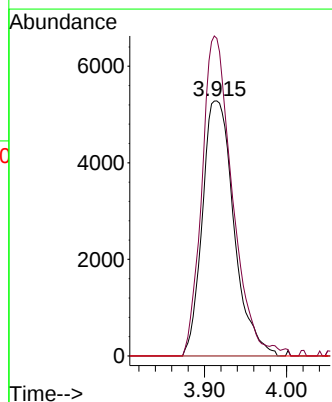
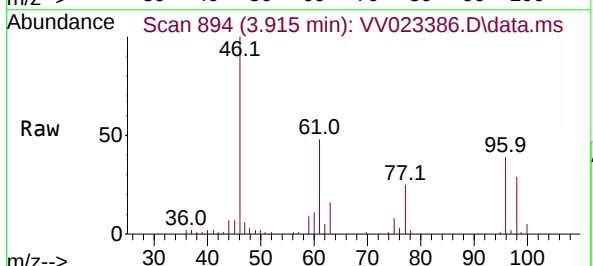
Instrument :
MSVOA_V
ClientSampleId :

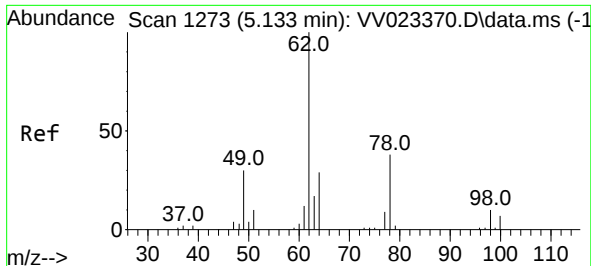
Tgt Ion: 94 Resp: 452
Ion Ratio Lower Upper
94 100
96 73.6 65.0 120.8



#22
cis-1,2-Dichloroethene
Concen: 1.673 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.000 min
Lab File: VV023386.D
Acq: 11 Nov 2021 14:32

Tgt Ion: 96 Resp: 14093
Ion Ratio Lower Upper
96 100
61 124.6 92.3 171.3
68 0.0 0.4 0.8#





#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.083 min

Lab File: VV023386.D

Acq: 11 Nov 2021 14:32

Instrument :

MSVOA_V

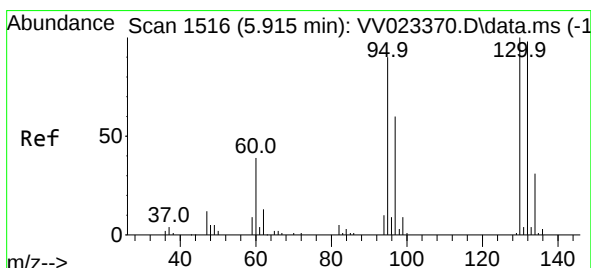
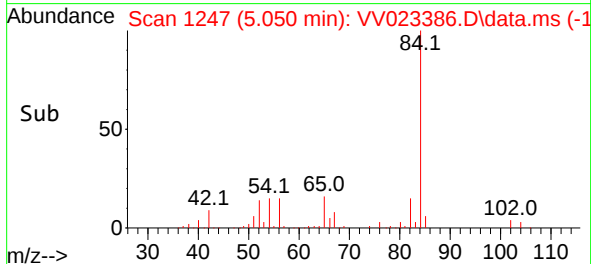
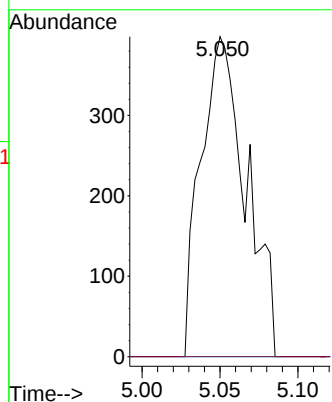
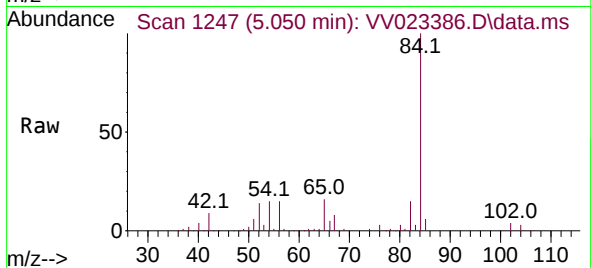
ClientSampleId :

Tgt Ion: 62 Resp: 804

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 11.079 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV023386.D

Acq: 11 Nov 2021 14:32

Tgt Ion: 95 Resp: 96164

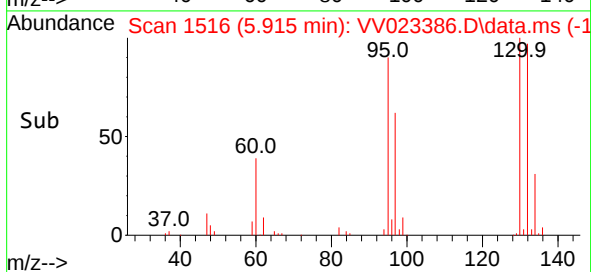
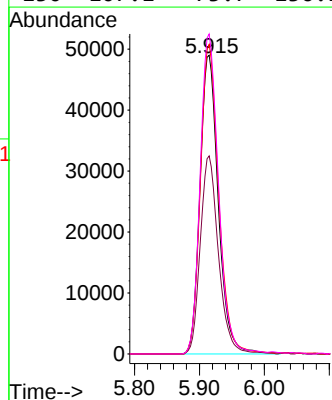
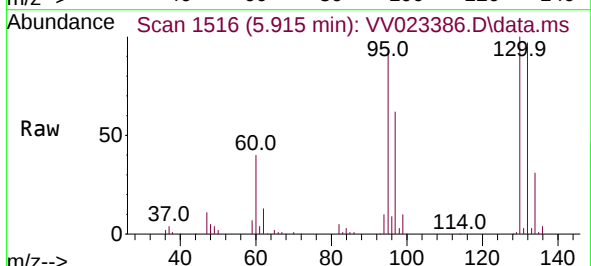
Ion Ratio Lower Upper

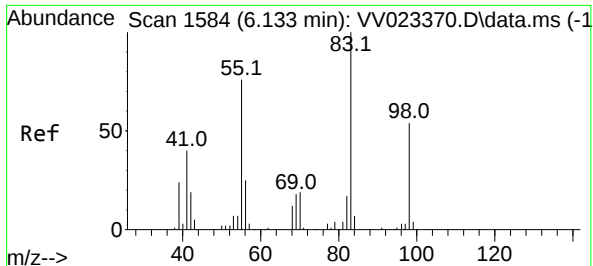
95 100

97 66.3 45.0 83.6

132 103.6 69.7 129.4

130 107.1 73.7 136.9

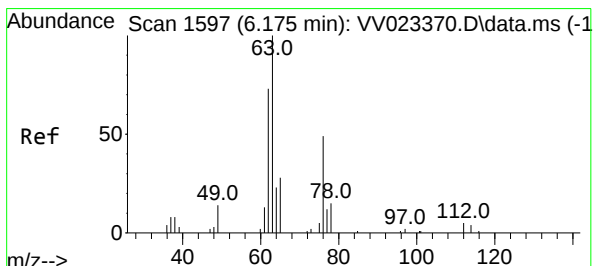
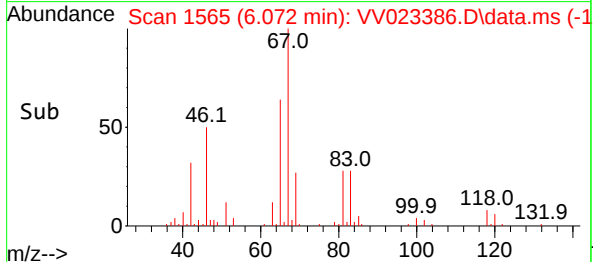
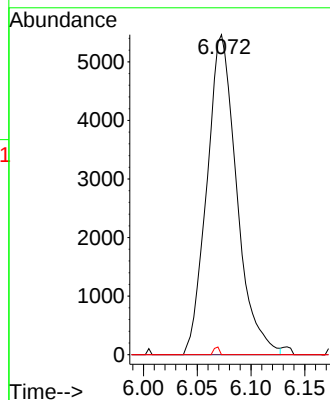
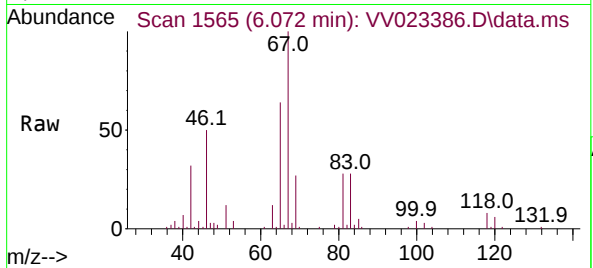




#35
Methylcyclohexane
Concen: 0.769 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV023386.D
Acq: 11 Nov 2021 14:32

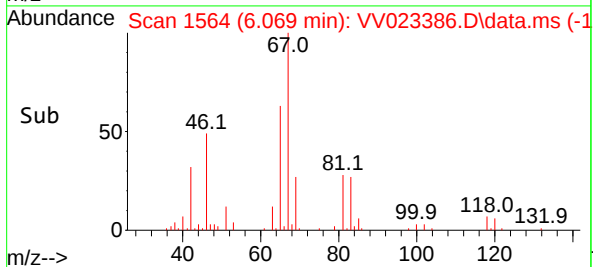
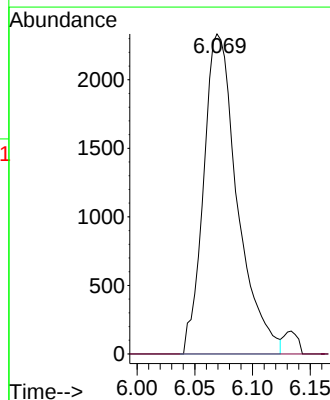
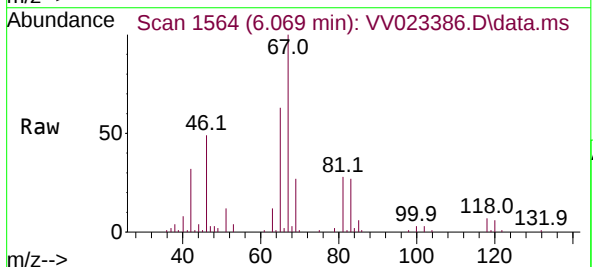
Instrument :
MSVOA_V
ClientSampleId :

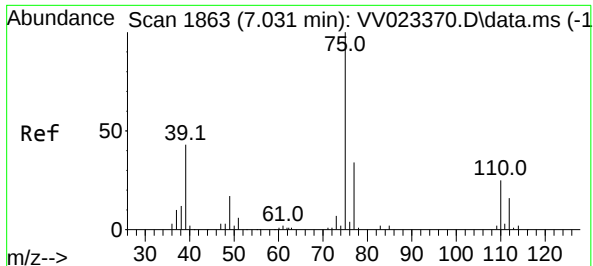
Tgt Ion: 83 Resp: 10532
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 1.5 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV023386.D
Acq: 11 Nov 2021 14:32

Tgt Ion: 63 Resp: 4750
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV023386.D

Acq: 11 Nov 2021 14:32

Instrument :

MSVOA_V

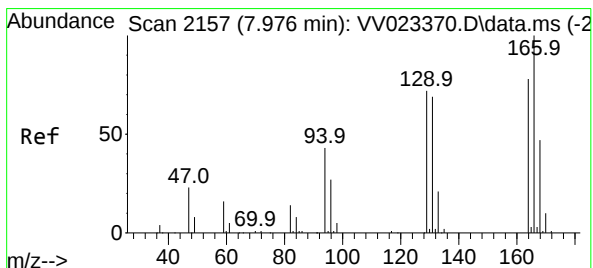
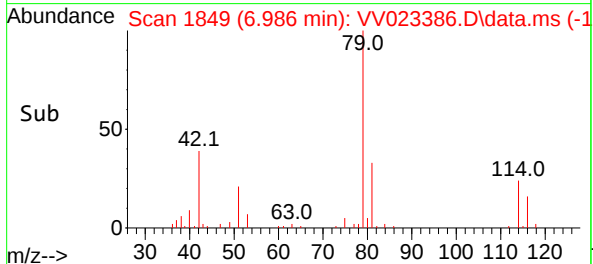
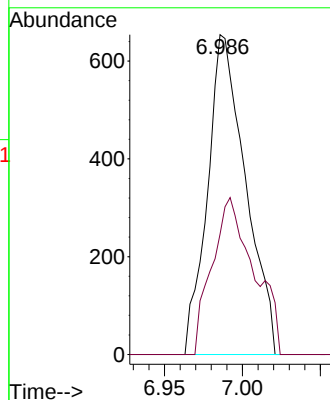
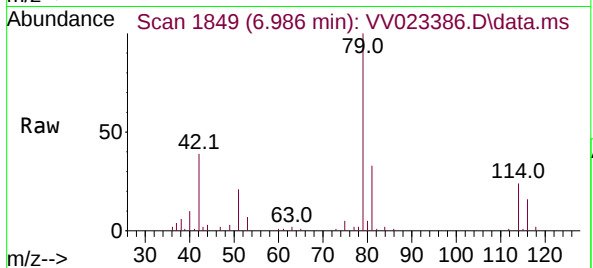
ClientSampleId :

Tgt Ion: 75 Resp: 1111

Ion Ratio Lower Upper

75 100

77 37.6 21.6 40.2



#47

Tetrachloroethene

Concen: 0.085 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV023386.D

Acq: 11 Nov 2021 14:32

Tgt Ion: 164 Resp: 637

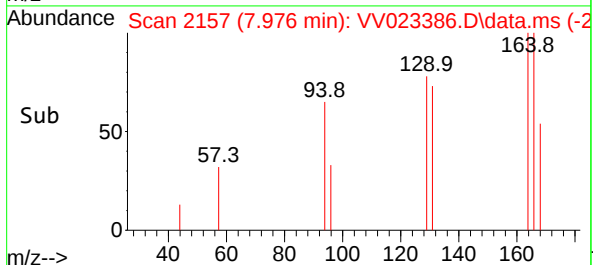
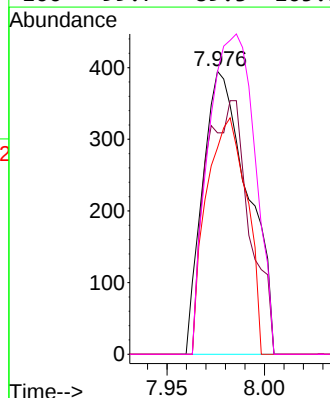
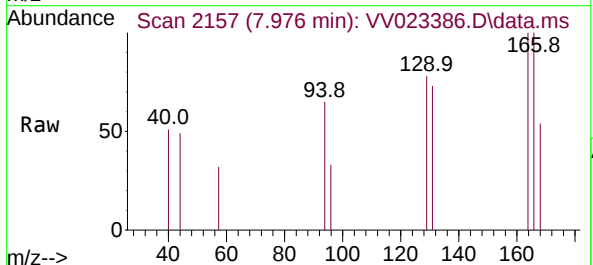
Ion Ratio Lower Upper

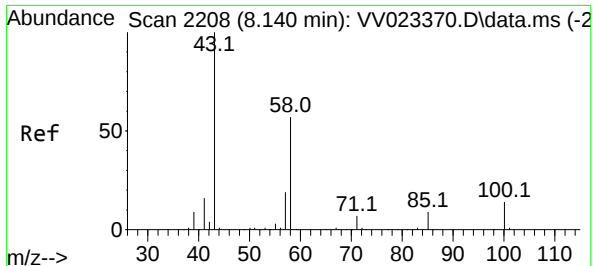
164 100

129 78.2 64.0 119.0

131 72.9 63.4 117.8

166 99.7 89.3 165.9





#48

2-Hexanone

Concen: 1.647 ug/L

RT: 8.150 min Scan# 2111

Delta R.T. 0.010 min

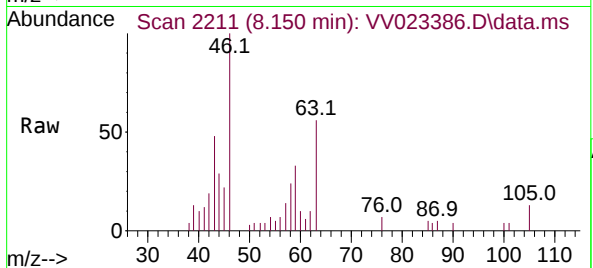
Lab File: VV023386.D

Acq: 11 Nov 2021 14:32

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 4078

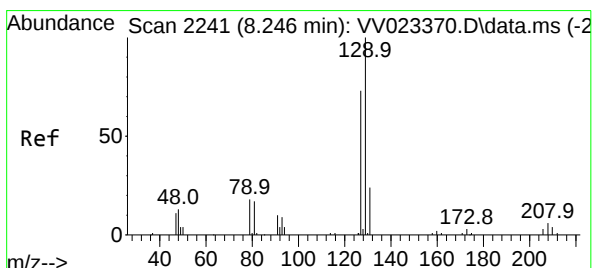
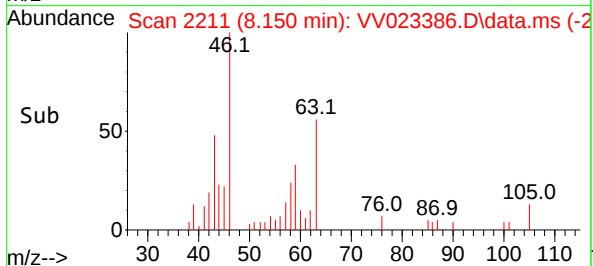
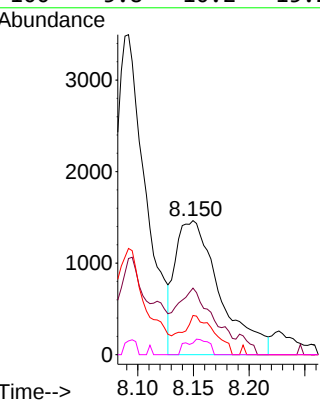
Ion Ratio Lower Upper

43 100

58 26.7 43.7 65.5#

57 20.7 14.1 21.1

100 5.8 10.2 15.2#



#49

Dibromochloromethane

Concen: 0.080 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV023386.D

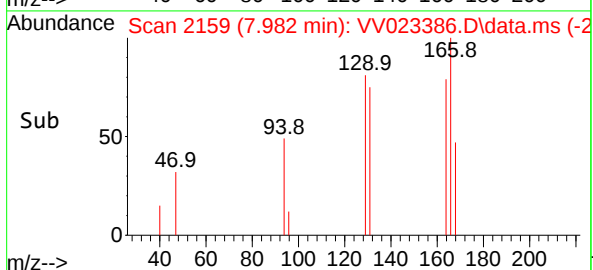
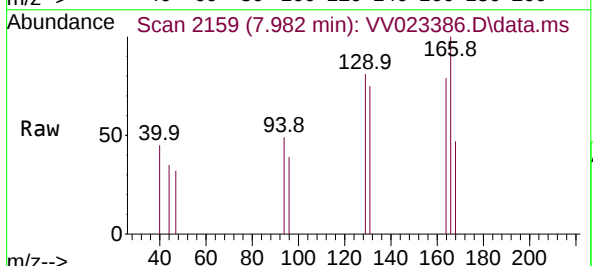
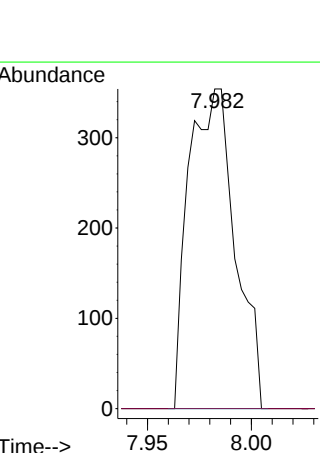
Acq: 11 Nov 2021 14:32

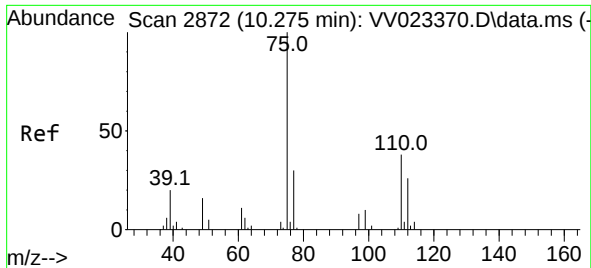
Tgt Ion: 129 Resp: 552

Ion Ratio Lower Upper

129 100

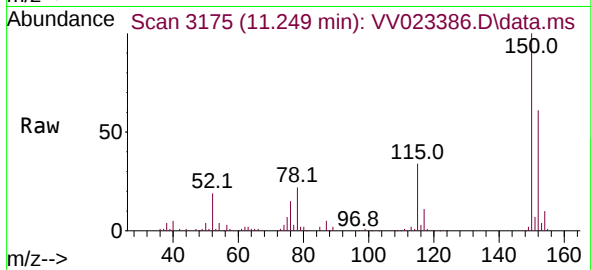
127 0.0 54.7 101.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.654 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV023386.D
 Acq: 11 Nov 2021 14:32

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	5769
Ion	Ratio	Lower Upper
75	100	
77	33.5	26.6 39.8
110	1.3	31.8 47.6#

