

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
 Data File : VW022989.D
 Acq On : 22 Oct 2021 16:06
 Operator : SY/MD
 Sample : M4200-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 01:29:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 01:14:46 2021
 Response via : Initial Calibration

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

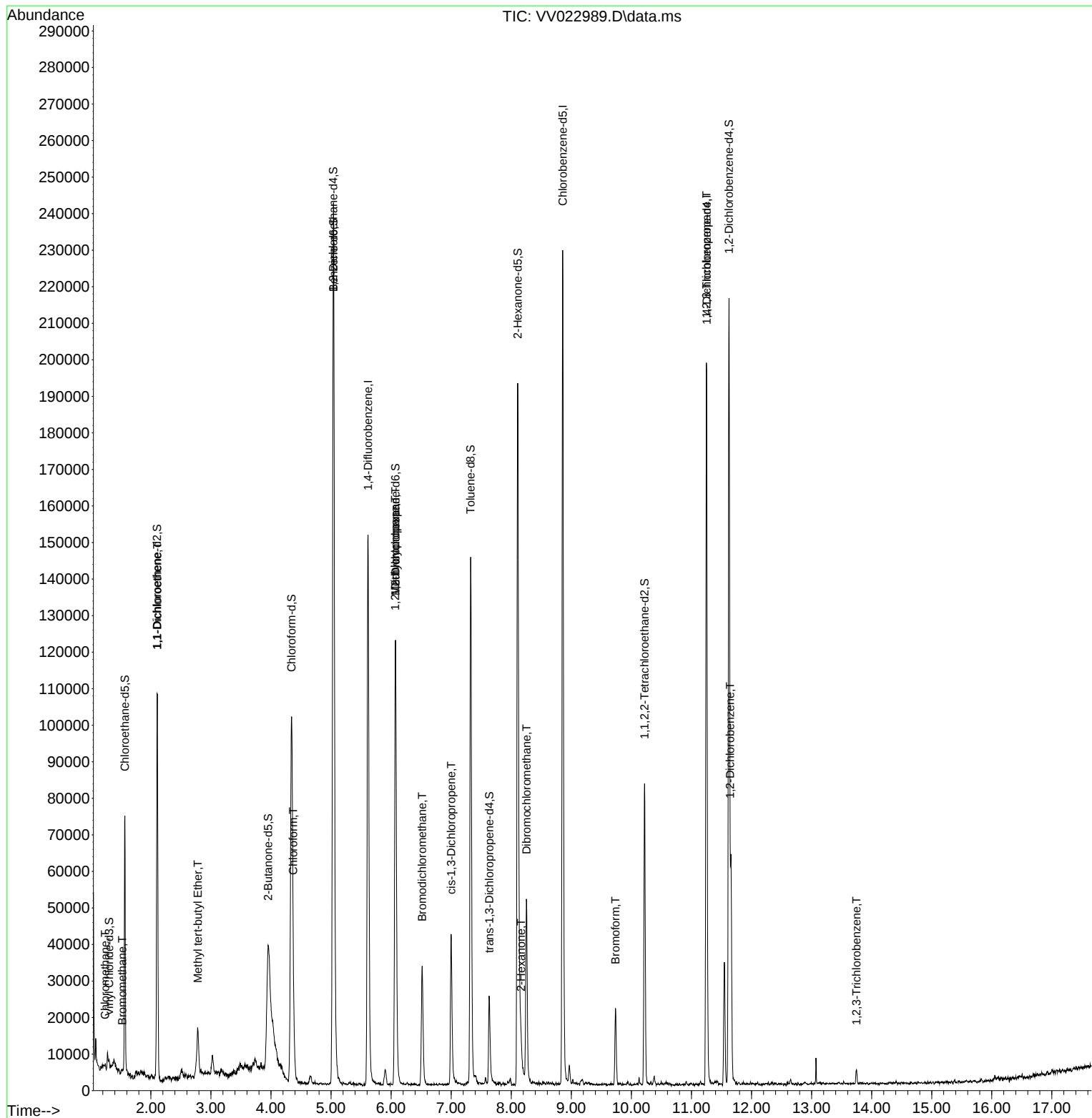
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	132511	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	127213	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	53613	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	191	0.016	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.400%#
7) Chloroethane-d5	1.568	69	41023	5.728	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.600%
11) 1,1-Dichloroethene-d2	2.105	63	55815	3.341	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	3.954	46	113833	61.285	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.560%
24) Chloroform-d	4.343	84	104450	5.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.000%
26) 1,2-Dichloroethane-d4	5.037	65	47236	5.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.040	84	200320	5.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
36) 1,2-Dichloropropane-d6	6.072	67	61814	5.407	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.200%
41) Toluene-d8	7.323	98	99106	2.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.400%#
43) trans-1,3-Dichloroprop...	7.635	79	14871	3.712	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.108	63	66845	45.071	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.140%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	39188	4.964	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	56476	5.904	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	724	0.080	ug/L	88
6) Bromomethane	1.523	94	541	0.114	ug/L	71
12) 1,1-Dichloroethene	2.108	96	658	0.097	ug/L #	1
17) Methyl tert-butyl Ether	2.780	73	13709	0.846	ug/L #	89
25) Chloroform	4.368	83	17420	0.991	ug/L	99
35) Methylcyclohexane	6.072	83	14976	1.216	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6682	0.774	ug/L #	84
38) Bromodichloromethane	6.516	83	23143	2.174	ug/L	100
39) cis-1,3-Dichloropropene	7.002	75	1124	0.105	ug/L #	40
48) 2-Hexanone	8.166	43	4656	1.544	ug/L #	92
49) Dibromochloromethane	8.252	129	25517	3.553	ug/L	99
59) Bromoform	9.735	173	9416	3.014	ug/L	96
61) 1,2,3-Trichloropropane	11.249	75	5946	1.576	ug/L #	66
67) 1,2-Dichlorobenzene	11.645	146	810	0.061	ug/L #	60
72) 1,2,3-Trichlorobenzene	13.747	180	1272	0.169	ug/L	96

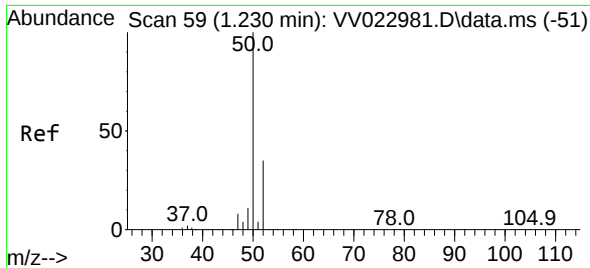
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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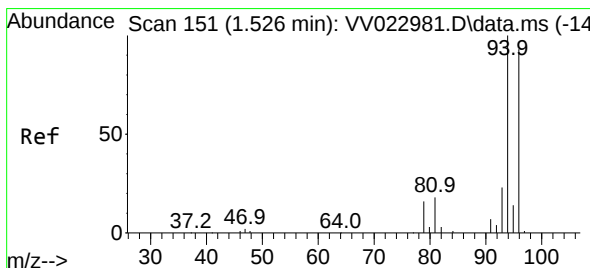
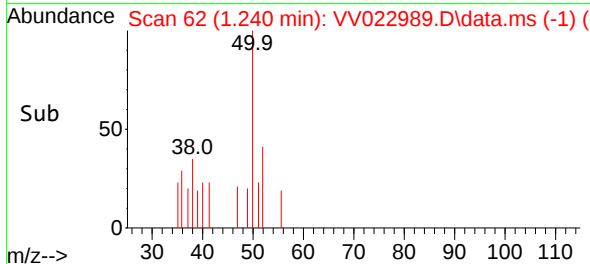
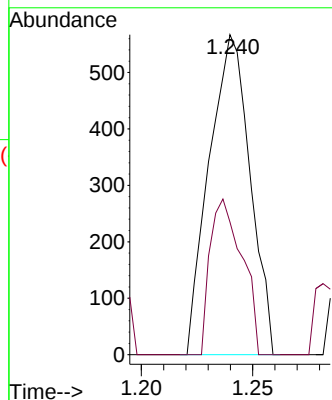
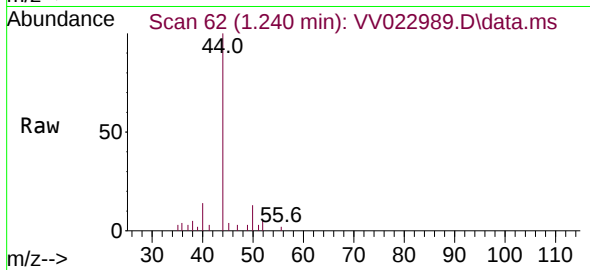




#3
Chloromethane
Concen: 0.080 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV022989.D
Acq: 22 Oct 2021 16:06

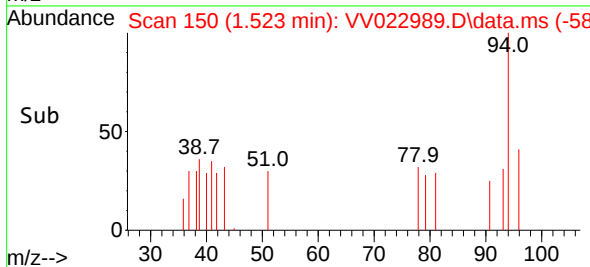
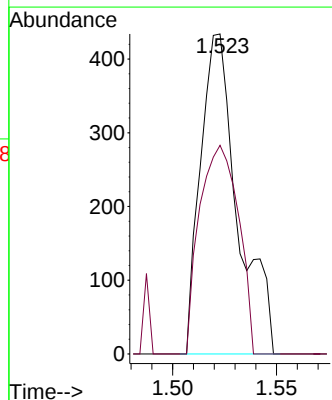
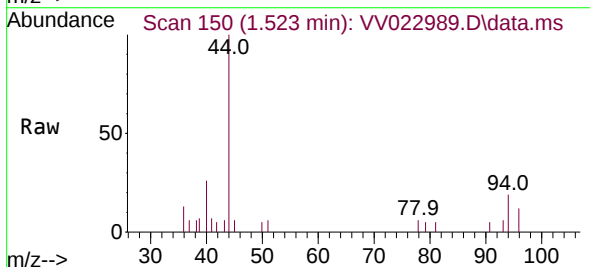
Instrument :
MSVOA_V
ClientSampleId :

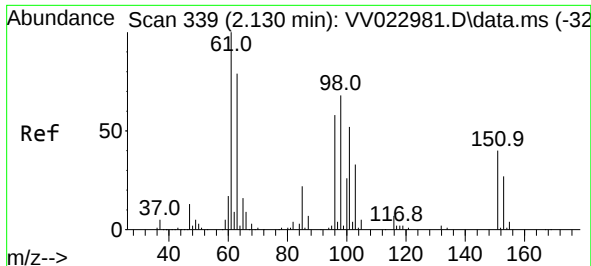
Tgt Ion: 50 Resp: 724
Ion Ratio Lower Upper
50 100
52 41.4 24.3 45.1



#6
Bromomethane
Concen: 0.114 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.003 min
Lab File: VV022989.D
Acq: 22 Oct 2021 16:06

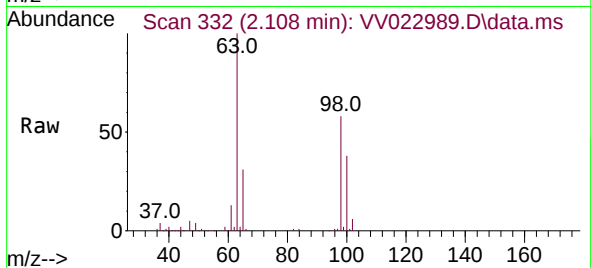
Tgt Ion: 94 Resp: 541
Ion Ratio Lower Upper
94 100
96 65.2 65.0 120.8



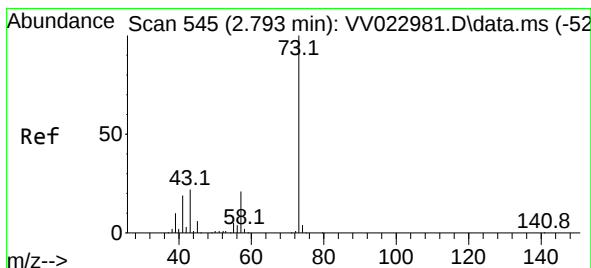
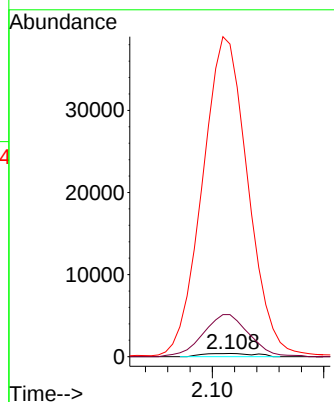
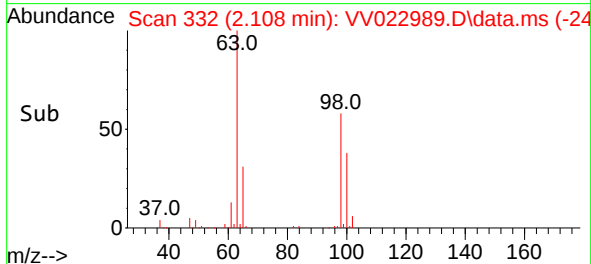


#12
1,1-Dichloroethene
Concen: 0.097 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.022 min
Lab File: VV022989.D
Acq: 22 Oct 2021 16:06

Instrument :
MSVOA_V
ClientSampleId :

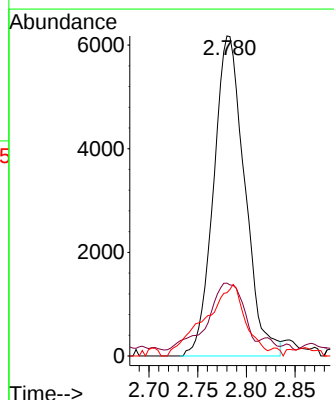
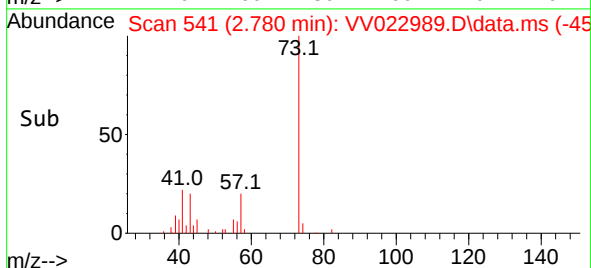
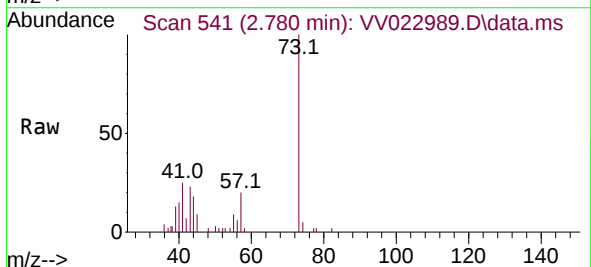


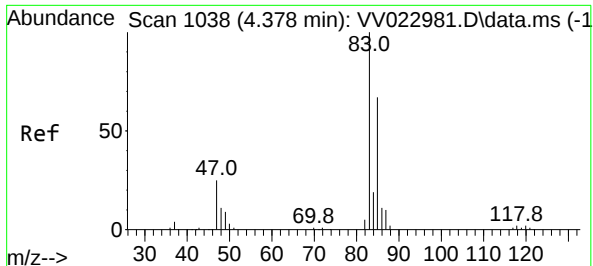
Tgt Ion: 96 Resp: 658
Ion Ratio Lower Upper
96 100
61 1312.8 121.5 225.7#
63 9737.1 99.6 185.0#



#17
Methyl tert-butyl Ether
Concen: 0.846 ug/L
RT: 2.780 min Scan# 541
Delta R.T. -0.013 min
Lab File: VV022989.D
Acq: 22 Oct 2021 16:06

Tgt Ion: 73 Resp: 13709
Ion Ratio Lower Upper
73 100
43 24.2 17.4 26.0
57 29.0 16.5 24.7#





#25

Chloroform

Concen: 0.991 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.009 min

Lab File: VV022989.D

Acq: 22 Oct 2021 16:06

Instrument :

MSVOA_V

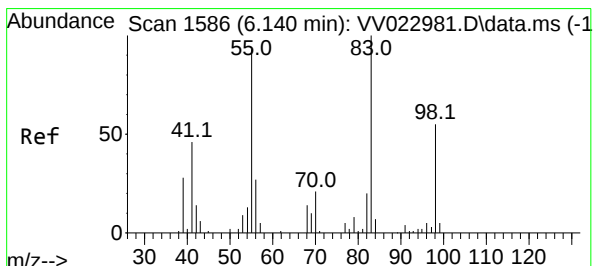
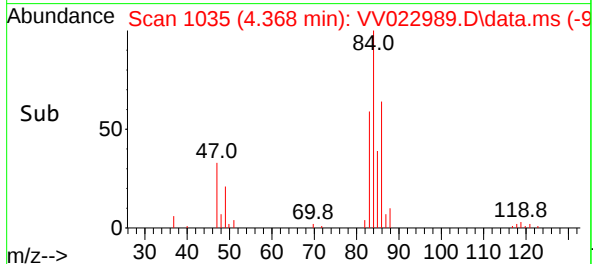
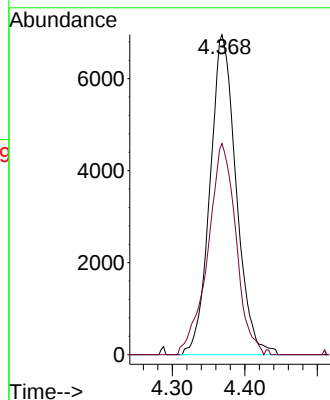
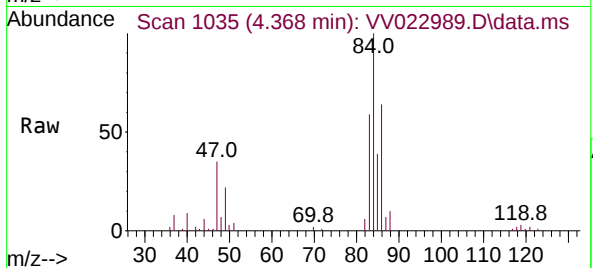
ClientSampleId :

Tgt Ion: 83 Resp: 17420

Ion Ratio Lower Upper

83 100

85 66.0 46.8 86.8



#35

Methylcyclohexane

Concen: 1.216 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.067 min

Lab File: VV022989.D

Acq: 22 Oct 2021 16:06

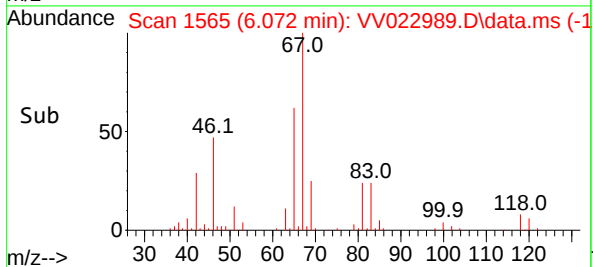
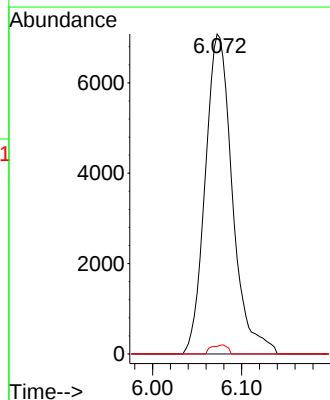
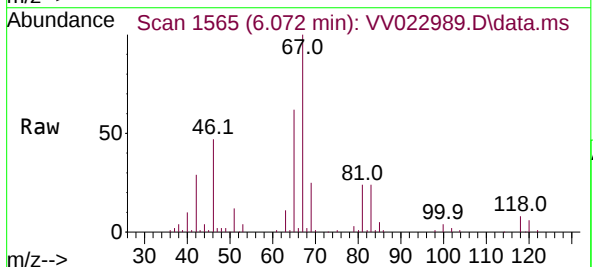
Tgt Ion: 83 Resp: 14976

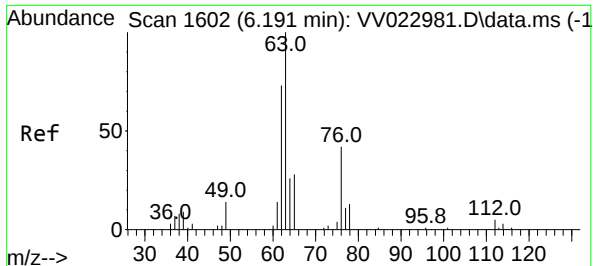
Ion Ratio Lower Upper

83 100

55 0.1 62.8 94.2#

98 1.7 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.774 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.122 min

Lab File: VV022989.D

Acq: 22 Oct 2021 16:06

Instrument :

MSVOA_V

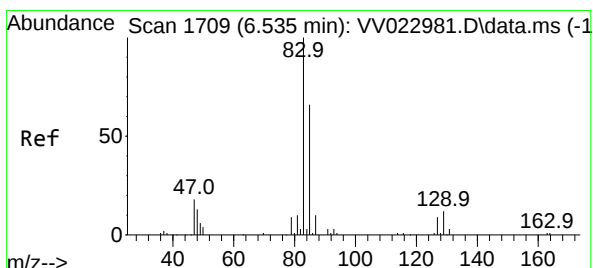
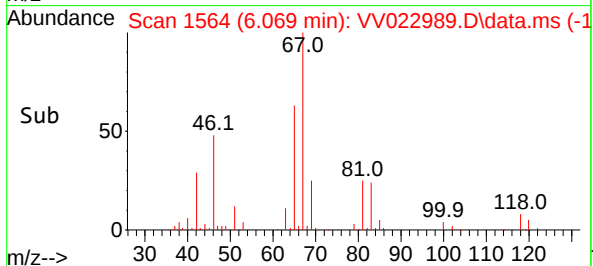
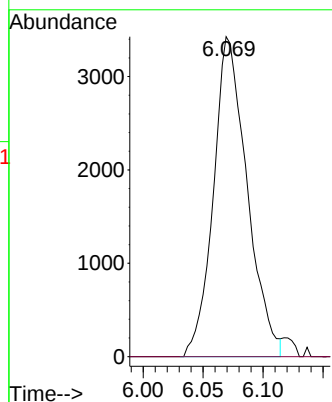
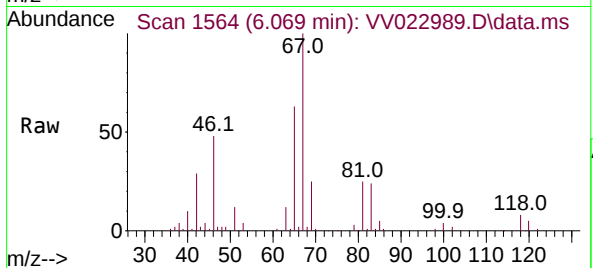
ClientSampleId :

Tgt Ion: 63 Resp: 6682

Ion Ratio Lower Upper

63 100

112 0.3 4.6 6.8#



#38

Bromodichloromethane

Concen: 2.174 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. -0.019 min

Lab File: VV022989.D

Acq: 22 Oct 2021 16:06

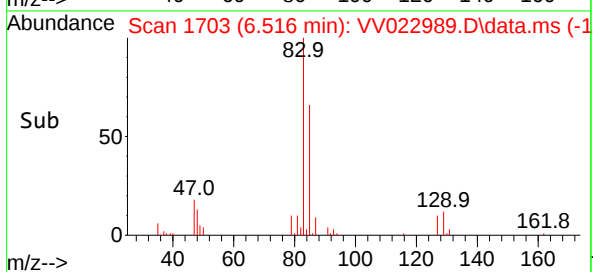
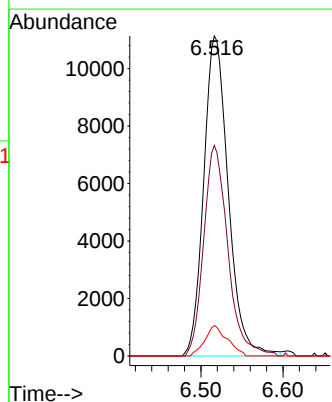
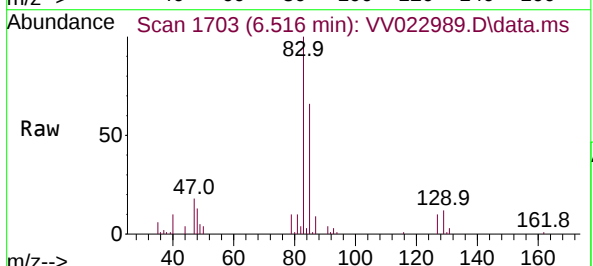
Tgt Ion: 83 Resp: 23143

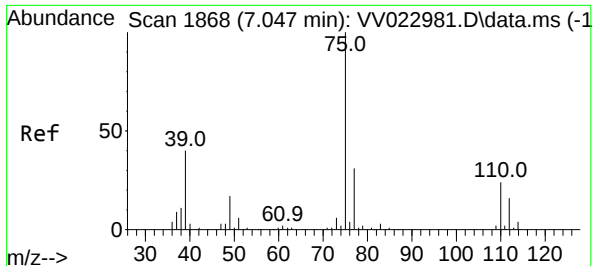
Ion Ratio Lower Upper

83 100

85 65.8 46.1 85.7

127 9.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.002 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV022989.D

Acq: 22 Oct 2021 16:06

Instrument :

MSVOA_V

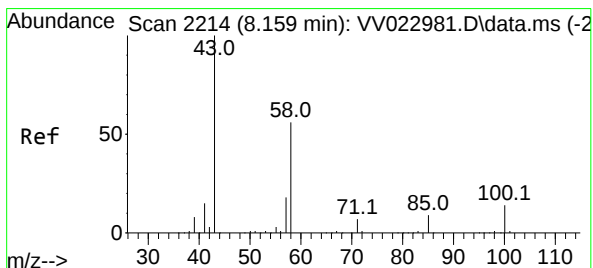
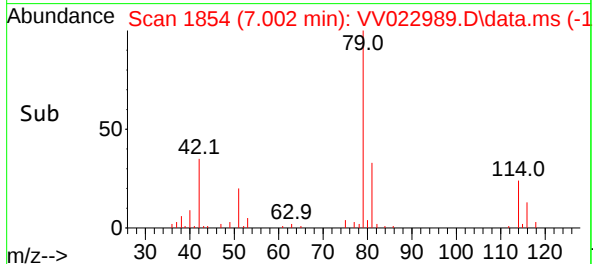
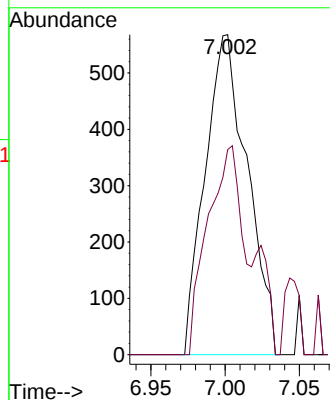
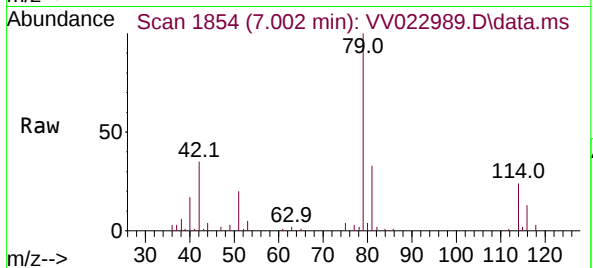
ClientSampleId :

Tgt Ion: 75 Resp: 1124

Ion Ratio Lower Upper

75 100

77 64.1 21.6 40.2#



#48

2-Hexanone

Concen: 1.544 ug/L

RT: 8.166 min Scan# 2216

Delta R.T. 0.007 min

Lab File: VV022989.D

Acq: 22 Oct 2021 16:06

Tgt Ion: 43 Resp: 4656

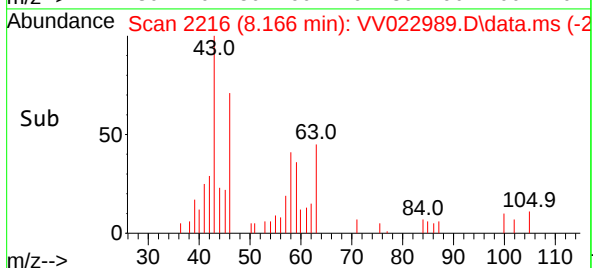
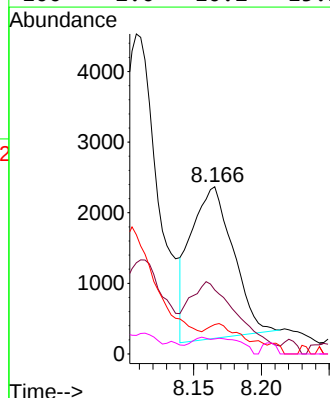
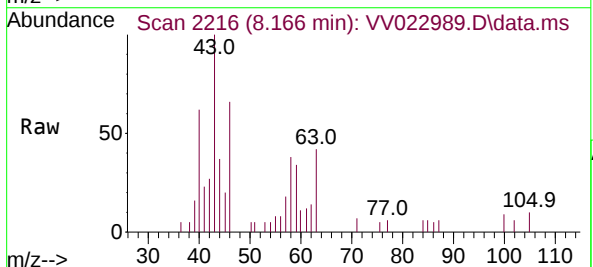
Ion Ratio Lower Upper

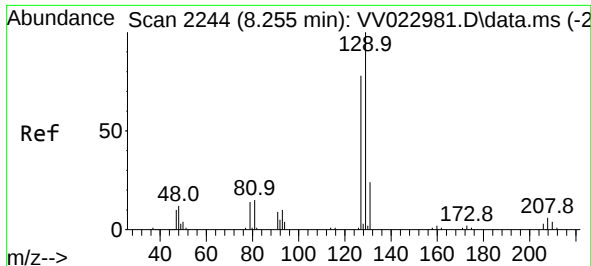
43 100

58 55.5 43.7 65.5

57 11.3 14.1 21.1#

100 2.0 10.2 15.2#





#49

Dibromochloromethane

Concen: 3.553 ug/L

RT: 8.252 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV022989.D

Acq: 22 Oct 2021 16:06

Instrument :

MSVOA_V

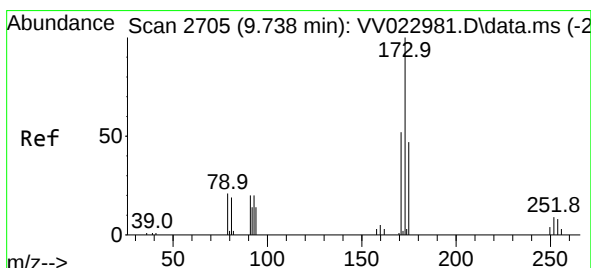
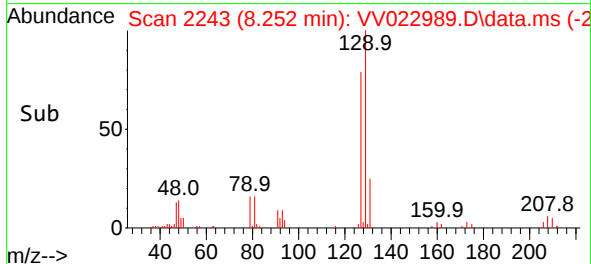
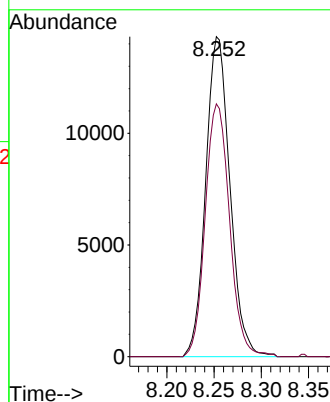
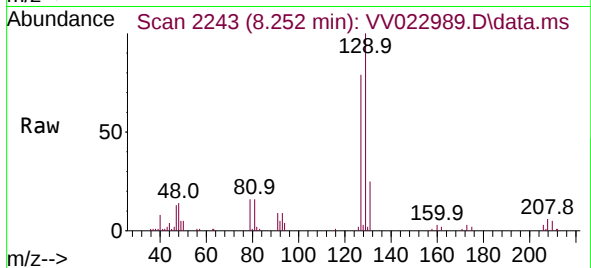
ClientSampleId :

Tgt Ion:129 Resp: 25517

Ion Ratio Lower Upper

129 100

127 79.0 54.7 101.7



#59

Bromoform

Concen: 3.014 ug/L

RT: 9.735 min Scan# 2704

Delta R.T. -0.003 min

Lab File: VV022989.D

Acq: 22 Oct 2021 16:06

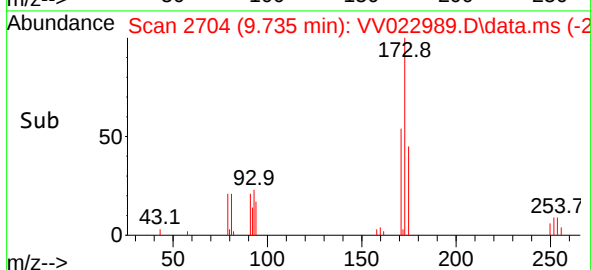
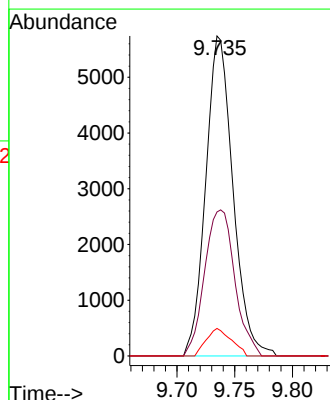
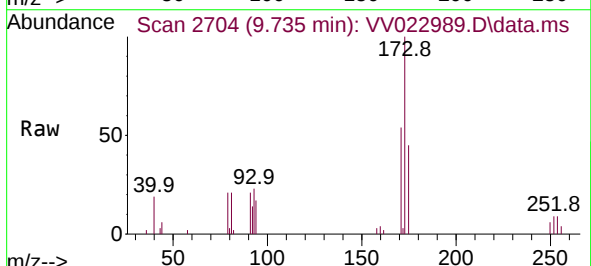
Tgt Ion:173 Resp: 9416

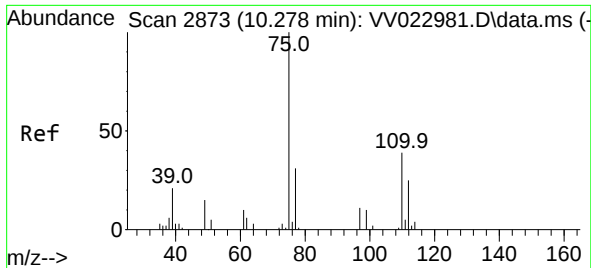
Ion Ratio Lower Upper

173 100

175 50.5 38.2 57.2

254 7.9 6.2 9.2

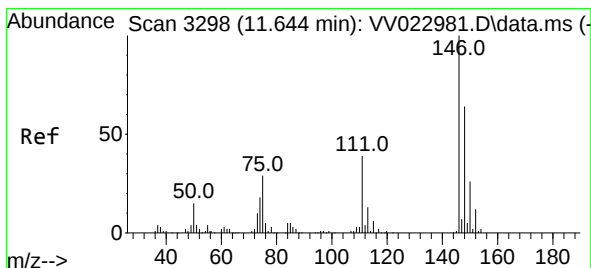
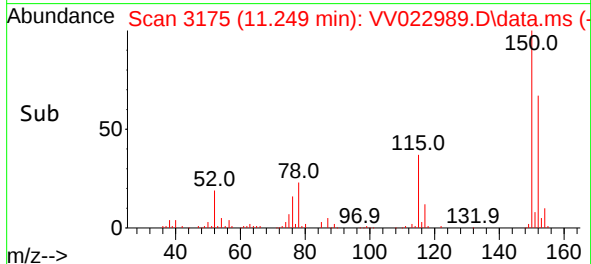
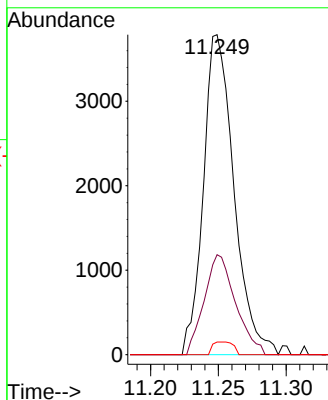
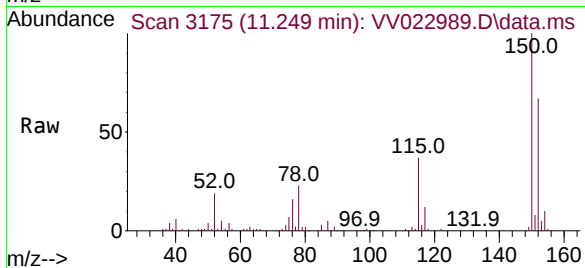




#61
1,2,3-Trichloropropane
Concen: 1.576 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.971 min
Lab File: VV022989.D
Acq: 22 Oct 2021 16:06

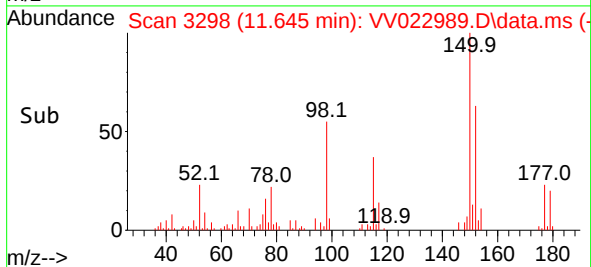
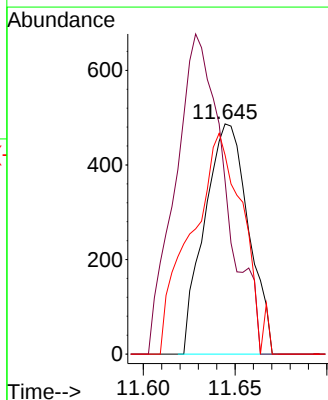
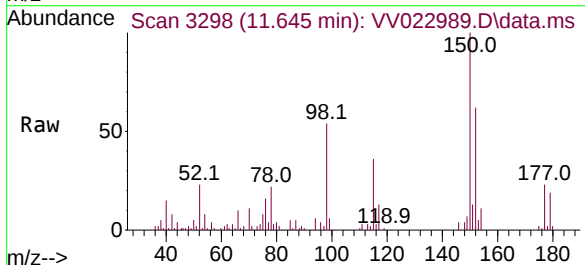
Instrument :
MSVOA_V
ClientSampleId :

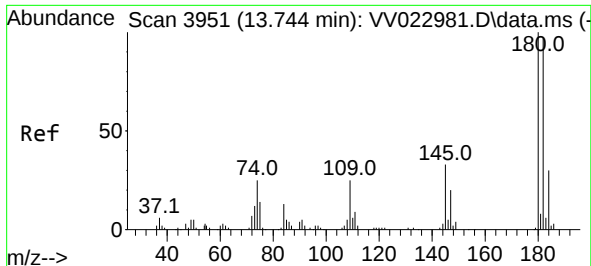
Tgt Ion: 75 Resp: 5946
Ion Ratio Lower Upper
75 100
77 31.9 26.6 39.8
110 2.7 31.8 47.6#



#67
1,2-Dichlorobenzene
Concen: 0.061 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022989.D
Acq: 22 Oct 2021 16:06

Tgt Ion:146 Resp: 810
Ion Ratio Lower Upper
146 100
111 75.2 31.6 47.4#
148 86.4 51.0 76.6#





#72

1,2,3-Trichlorobenzene

Concen: 0.169 ug/L

RT: 13.747 min Scan# 3951

Delta R.T. 0.003 min

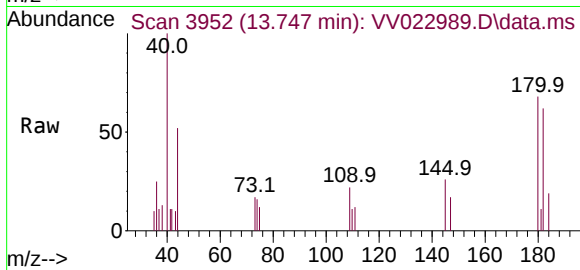
Lab File: VV022989.D

Acq: 22 Oct 2021 16:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1272

Ion Ratio Lower Upper

180 100

182 91.4 76.7 115.1

145 31.4 25.7 38.5

