

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023388.D
 Acq On : 11 Nov 2021 15:19
 Operator : SY/MD
 Sample : M4581-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 00:30:39 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

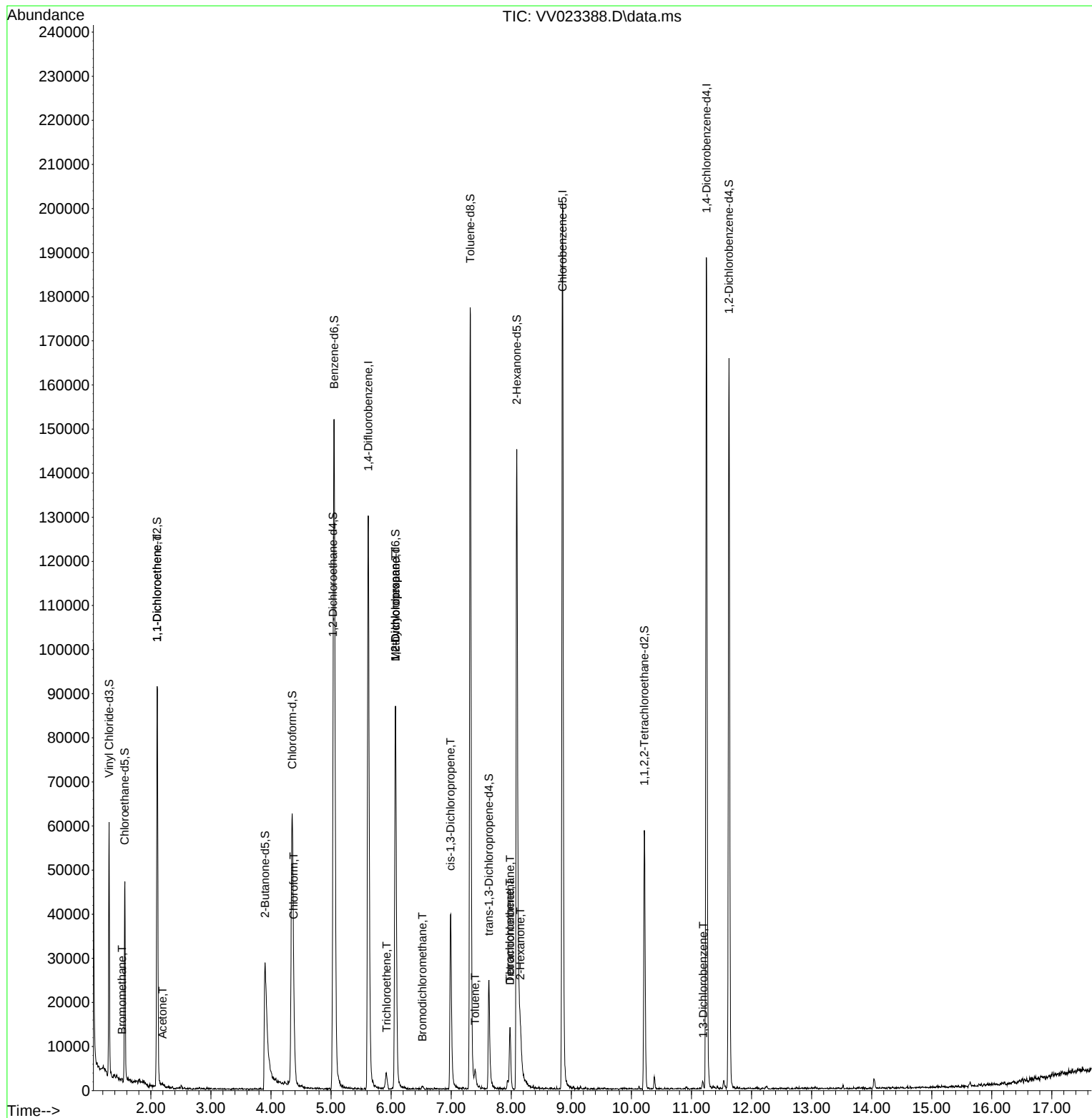
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115772	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	112542	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50532	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32482	4.479	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.565	69	26551	4.492	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.105	63	47544	3.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	3.902	46	60378	48.322	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.640%
24) Chloroform-d	4.352	84	64205	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.034	65	34768	5.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.053	84	136034	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.072	67	40924	4.814	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.317	98	117294	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.629	79	15057	4.671	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.092	63	55556	46.847	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.700%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28711	4.697	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	43716	5.196	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
6) Bromomethane	1.520	94	258	0.042	ug/L	91
12) 1,1-Dichloroethene	2.105	96	446	0.065	ug/L #	1
13) Acetone	2.195	43	1264	1.656	ug/L	54
25) Chloroform	4.378	83	7919	0.518	ug/L	92
34) Trichloroethene	5.928	95	593	0.071	ug/L #	90
35) Methylcyclohexane	6.072	83	10328	0.782	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	4798	0.653	ug/L #	83
38) Bromodichloromethane	6.523	83	682	0.069	ug/L #	82
39) cis-1,3-Dichloropropene	6.989	75	1129	0.107	ug/L	84
42) Toluene	7.397	91	2847	0.085	ug/L	95
47) Tetrachloroethene	7.979	164	3506	0.484	ug/L	87
48) 2-Hexanone	8.153	43	3323	1.392	ug/L #	94
49) Dibromochloromethane	7.982	129	3131	0.468	ug/L #	10
64) 1,3-Dichlorobenzene	11.194	146	992	0.067	ug/L	88

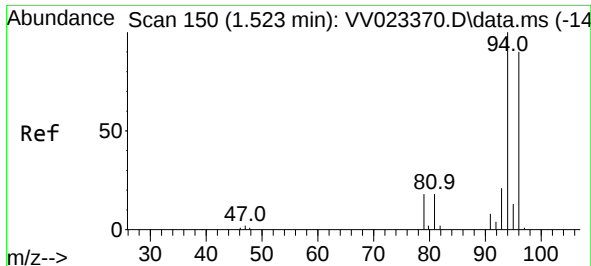
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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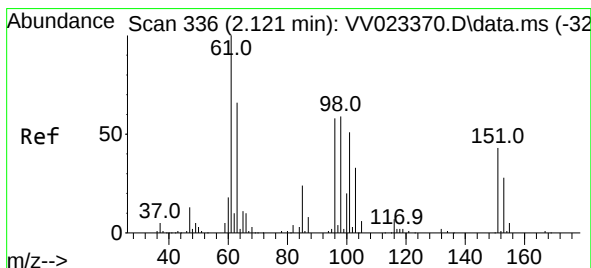
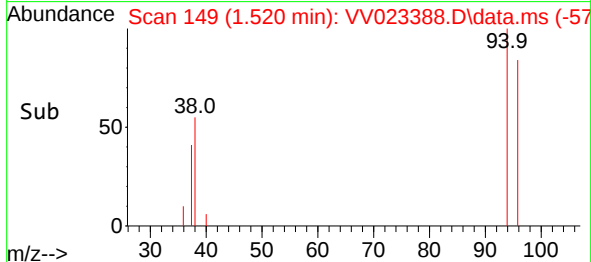
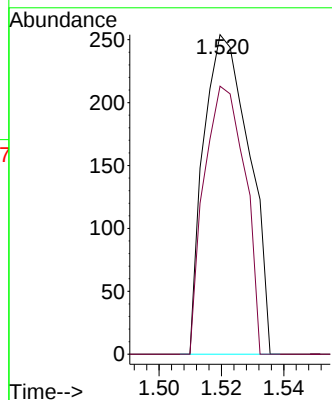
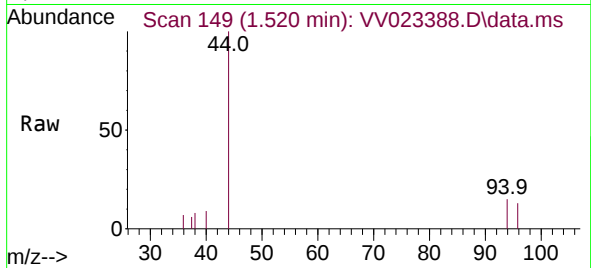




#6
Bromomethane
Concen: 0.042 ug/L
RT: 1.520 min Scan# 14
Delta R.T. -0.003 min
Lab File: VV023388.D
Acq: 11 Nov 2021 15:19

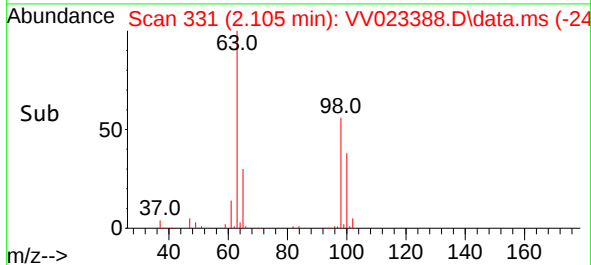
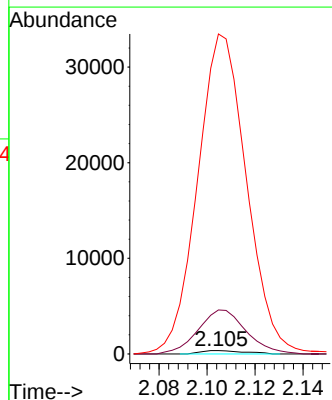
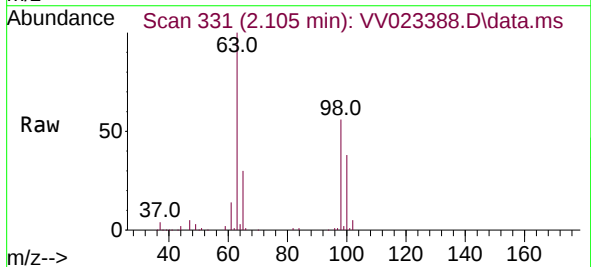
Instrument :
MSVOA_V
ClientSampleId :

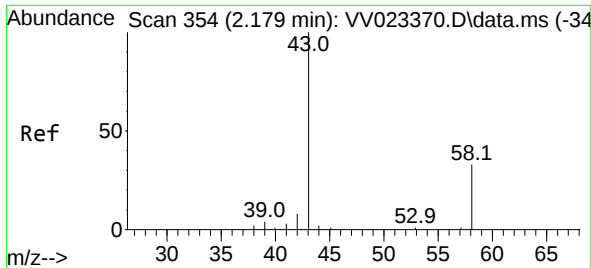
Tgt Ion: 94 Resp: 258
Ion Ratio Lower Upper
94 100
96 83.9 65.0 120.8



#12
1,1-Dichloroethene
Concen: 0.065 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.016 min
Lab File: VV023388.D
Acq: 11 Nov 2021 15:19

Tgt Ion: 96 Resp: 446
Ion Ratio Lower Upper
96 100
61 1279.7 121.5 225.7#
63 9295.6 99.6 185.0#





#13

Acetone

Concen: 1.656 ug/L

RT: 2.195 min Scan# 31

Delta R.T. 0.016 min

Lab File: VV023388.D

Acq: 11 Nov 2021 15:19

Instrument :

MSVOA_V

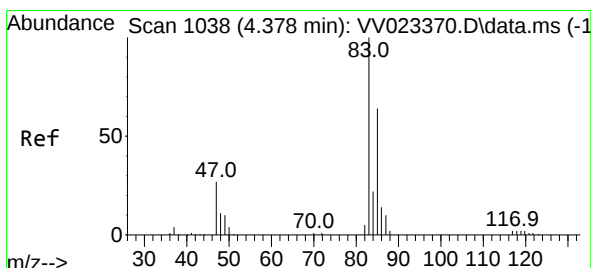
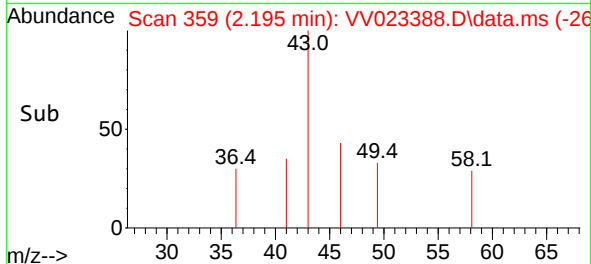
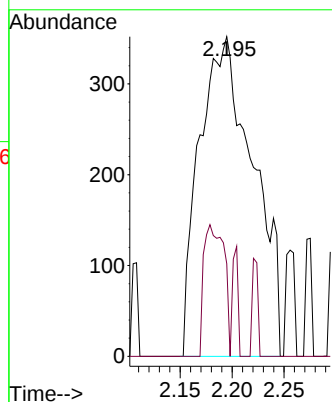
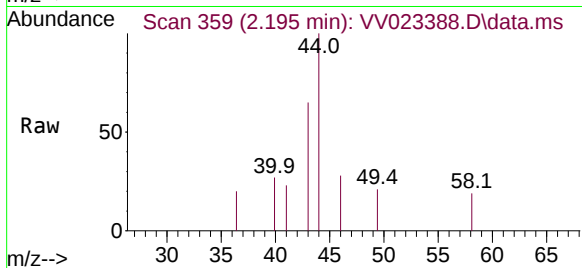
ClientSampleId :

Tgt Ion: 43 Resp: 1264

Ion Ratio Lower Upper

43 100

58 3.5 0.0 55.4



#25

Chloroform

Concen: 0.518 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV023388.D

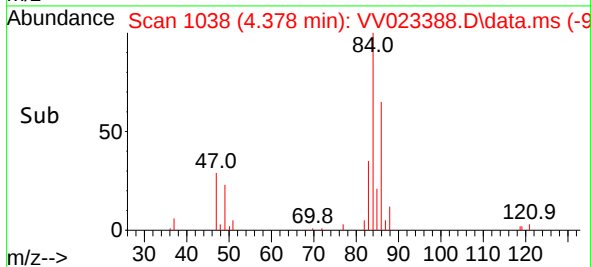
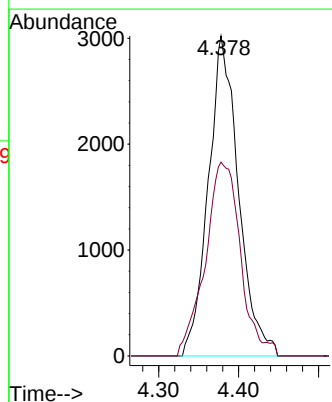
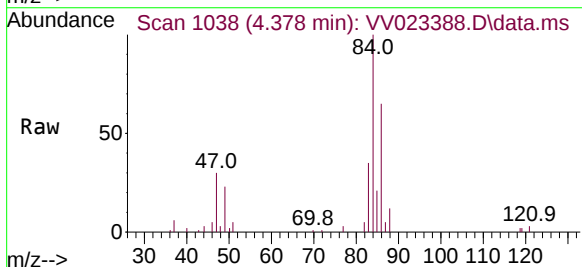
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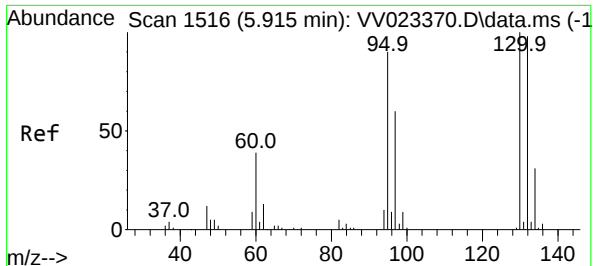
Tgt Ion: 83 Resp: 7919

Ion Ratio Lower Upper

83 100

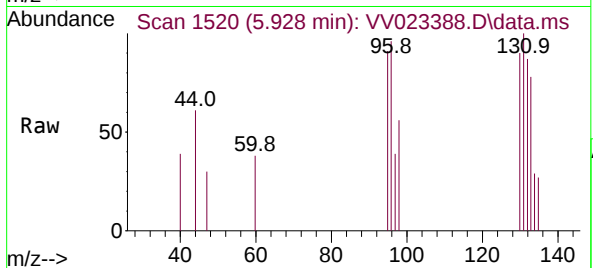
85 60.5 46.8 86.8





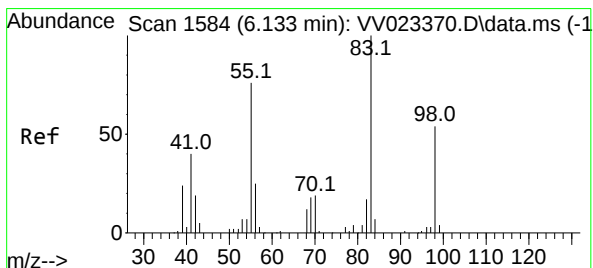
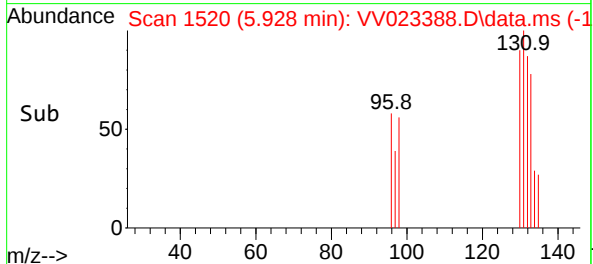
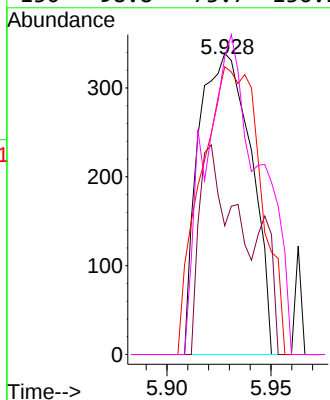
#34
Trichloroethene
Concen: 0.071 ug/L
RT: 5.928 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV023388.D
Acq: 11 Nov 2021 15:19

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 593

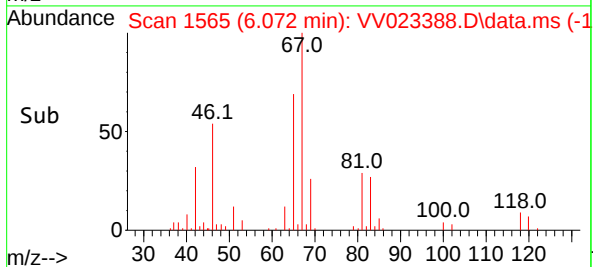
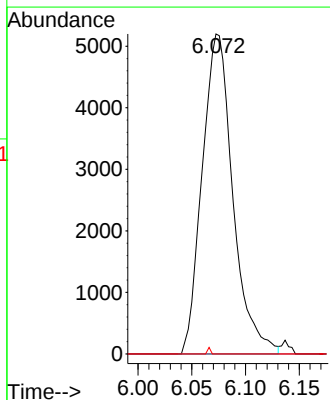
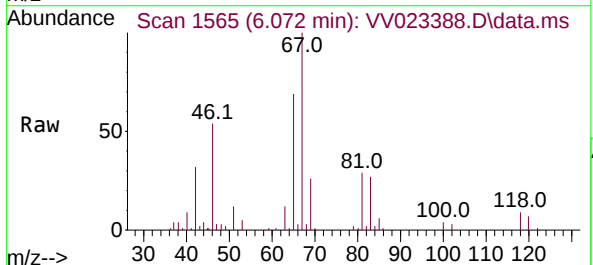
Ion	Ratio	Lower	Upper
95	100		
97	42.8	45.0	83.6#
132	95.6	69.7	129.4
130	98.8	73.7	136.9

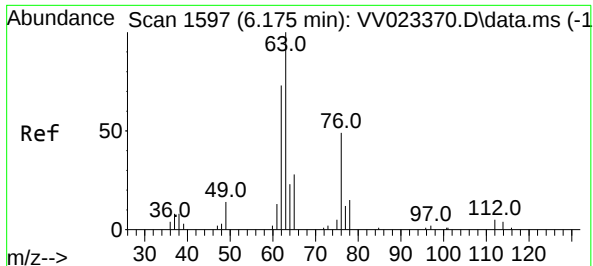


#35
Methylcyclohexane
Concen: 0.782 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV023388.D
Acq: 11 Nov 2021 15:19

Tgt Ion: 83 Resp: 10328

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.8	94.2#
98	0.2	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.653 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV023388.D

Acq: 11 Nov 2021 15:19

Instrument :

MSVOA_V

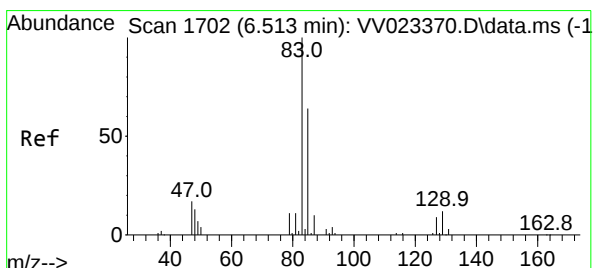
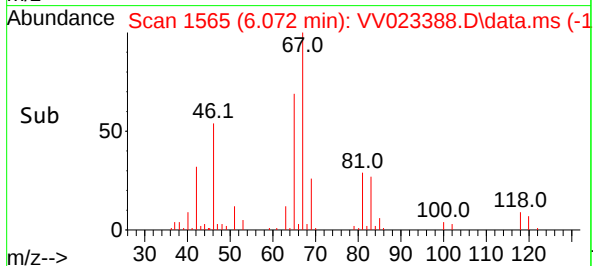
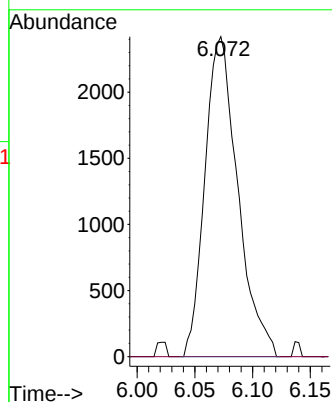
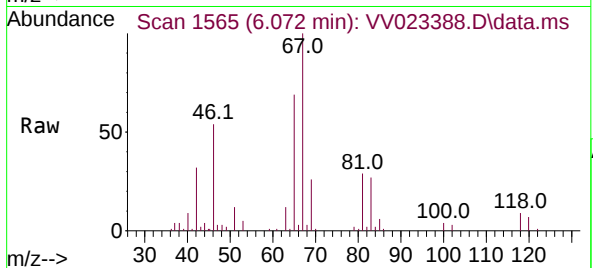
ClientSampleId :

Tgt Ion: 63 Resp: 4798

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#38

Bromodichloromethane

Concen: 0.069 ug/L

RT: 6.523 min Scan# 1705

Delta R.T. 0.010 min

Lab File: VV023388.D

Acq: 11 Nov 2021 15:19

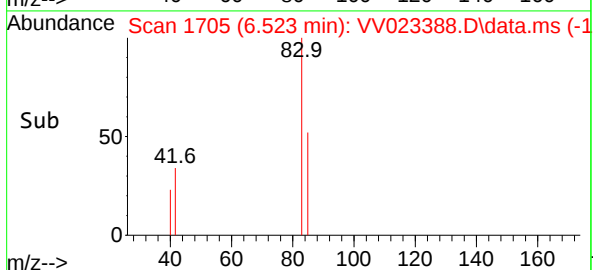
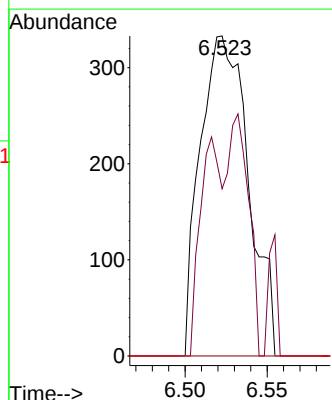
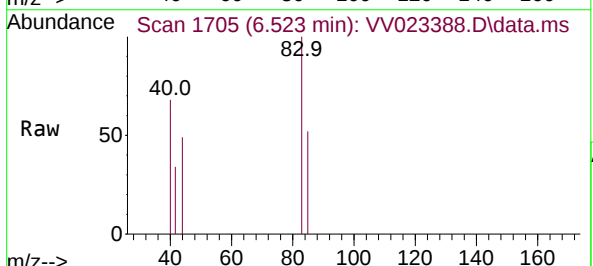
Tgt Ion: 83 Resp: 682

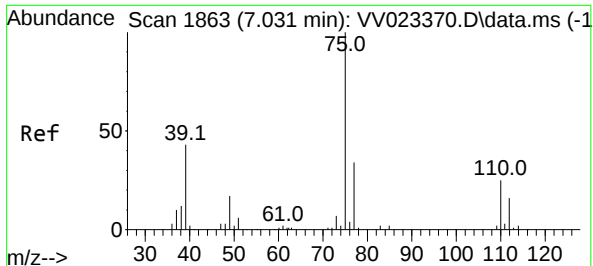
Ion Ratio Lower Upper

83 100

85 52.3 46.1 85.7

127 0.0 7.2 10.8#





#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV023388.D

Acq: 11 Nov 2021 15:19

Instrument :

MSVOA_V

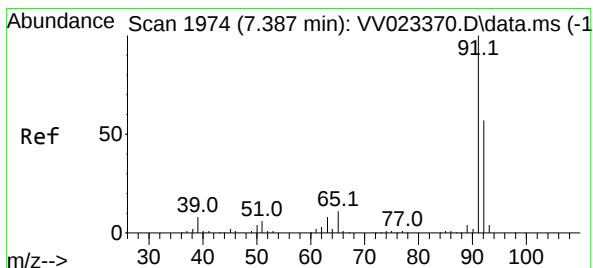
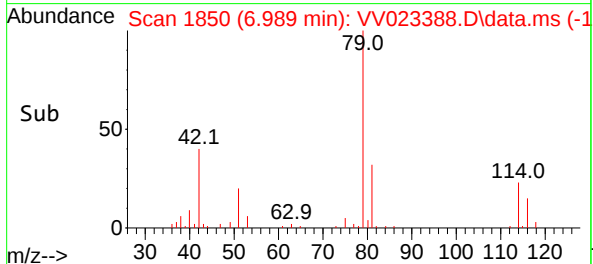
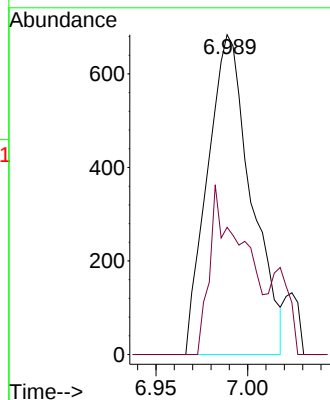
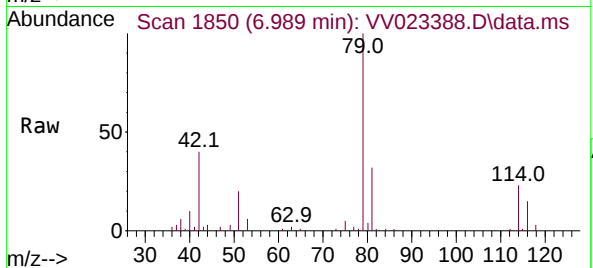
ClientSampleId :

Tgt Ion: 75 Resp: 1129

Ion Ratio Lower Upper

75 100

77 39.8 21.6 40.2



#42

Toluene

Concen: 0.085 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.010 min

Lab File: VV023388.D

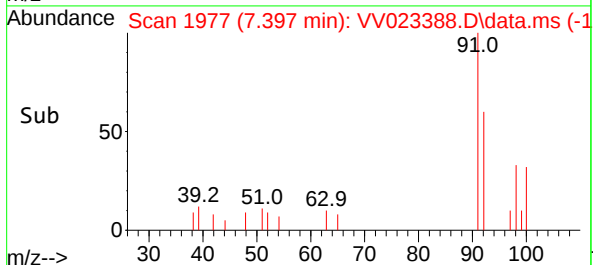
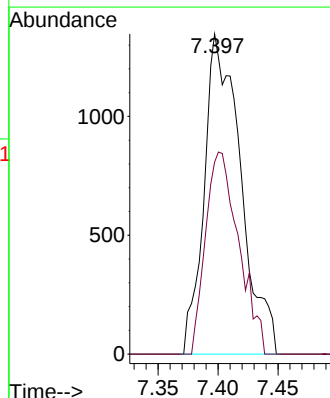
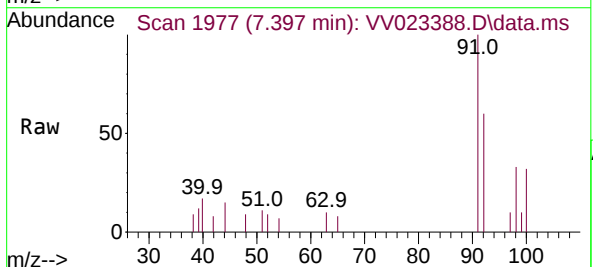
Acq: 11 Nov 2021 15:19

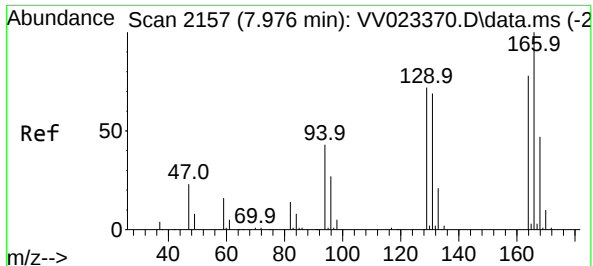
Tgt Ion: 91 Resp: 2847

Ion Ratio Lower Upper

91 100

92 60.0 39.3 72.9





#47

Tetrachloroethene

Concen: 0.484 ug/L

RT: 7.979 min Scan# 2157

Delta R.T. 0.003 min

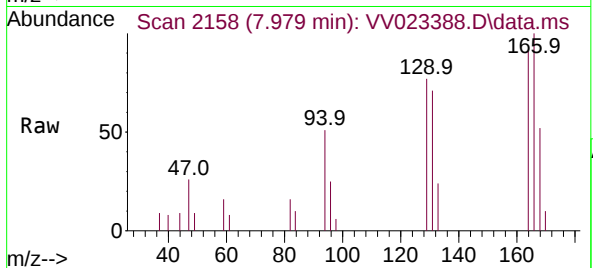
Lab File: VV023388.D

Acq: 11 Nov 2021 15:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 3506

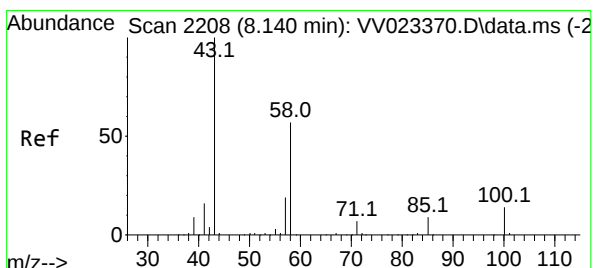
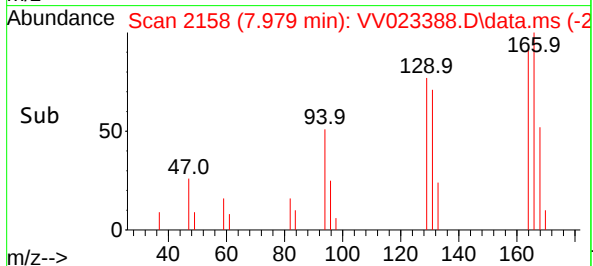
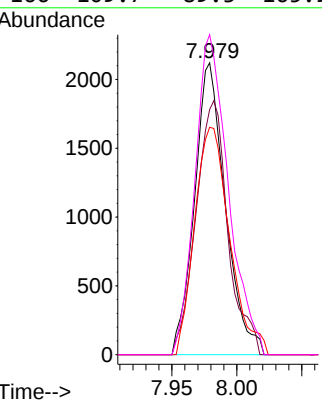
Ion Ratio Lower Upper

164 100

129 84.0 64.0 119.0

131 77.9 63.4 117.8

166 109.7 89.3 165.9



#48

2-Hexanone

Concen: 1.392 ug/L

RT: 8.153 min Scan# 2212

Delta R.T. 0.013 min

Lab File: VV023388.D

Acq: 11 Nov 2021 15:19

Tgt Ion: 43 Resp: 3323

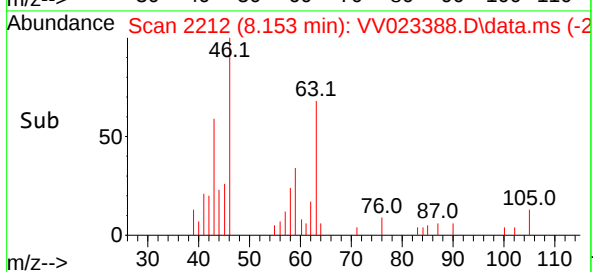
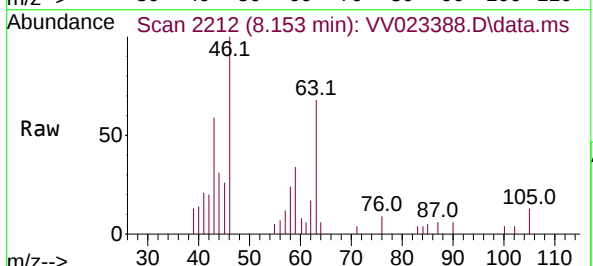
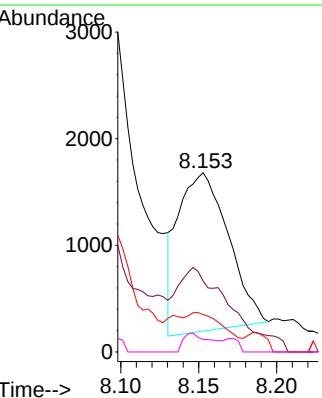
Ion Ratio Lower Upper

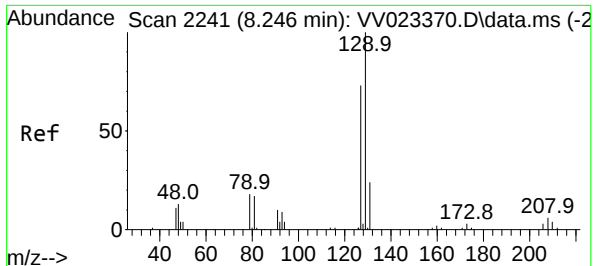
43 100

58 57.7 43.7 65.5

57 18.7 14.1 21.1

100 6.1 10.2 15.2#





#49

Dibromochloromethane

Concen: 0.468 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV023388.D

Acq: 11 Nov 2021 15:19

Instrument :

MSVOA_V

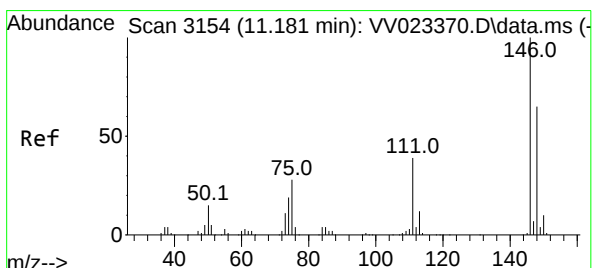
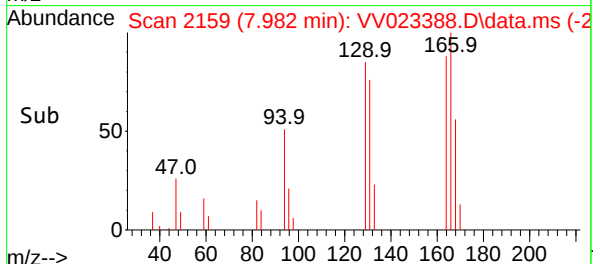
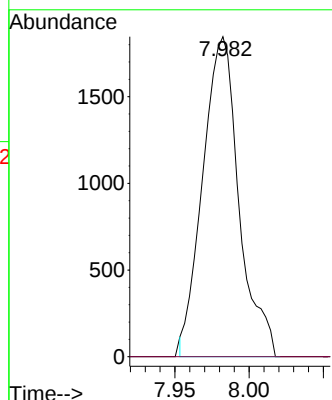
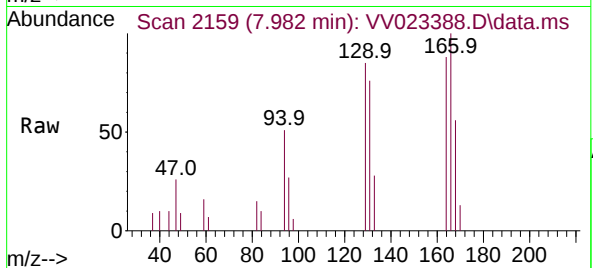
ClientSampleId :

Tgt Ion:129 Resp: 3131

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#64

1,3-Dichlorobenzene

Concen: 0.067 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.013 min

Lab File: VV023388.D

Acq: 11 Nov 2021 15:19

Tgt Ion:146 Resp: 992

Ion Ratio Lower Upper

146 100

111 35.1 26.7 49.7

148 74.3 42.9 79.7

