

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111522\
 Data File : VW028998.D
 Acq On : 15 Nov 2022 18:58
 Operator : SY/MD
 Sample : N5593-02DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AD0DL

Quant Time: Nov 16 03:21:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 16 03:16:14 2022
 Response via : Initial Calibration

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

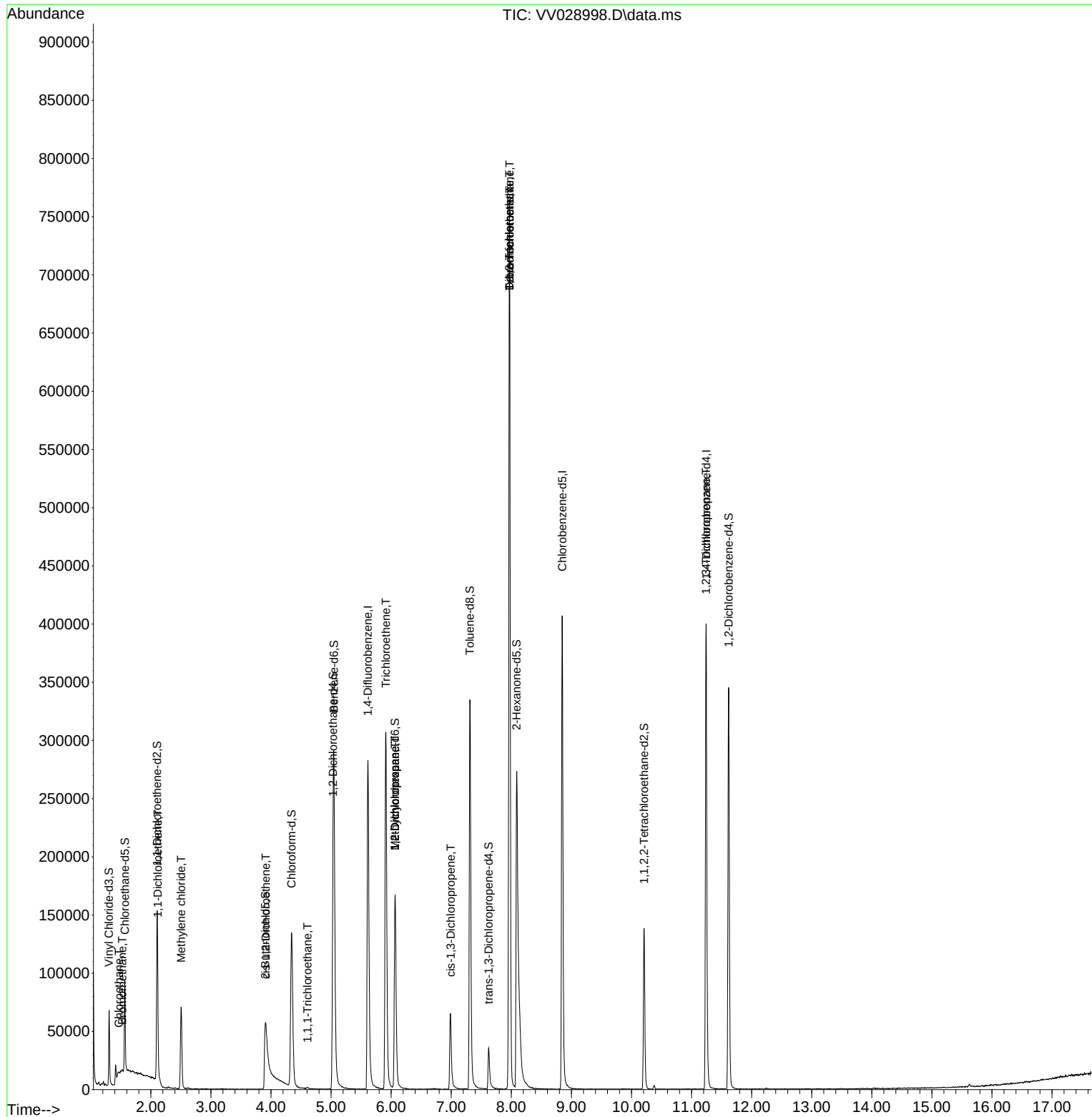
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	271657	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	251775	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	116353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	45276	2.734	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.600%
7) Chloroethane-d5	1.568	69	51540	3.540	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.800%
11) 1,1-Dichloroethene-d2	2.105	63	71637	2.374	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.400%#
20) 2-Butanone-d5	3.905	46	117230	42.286	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.580%
24) Chloroform-d	4.342	84	145927	4.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.031	65	70322	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.047	84	286734	3.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.066	67	87459	4.168	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.310	98	242954	3.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	7.622	79	24863	3.633	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.088	63	139621	47.791	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.580%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	69457	4.774	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.619	152	97204	4.670	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
6) Bromomethane	1.523	94	676	0.053	ug/L	76
8) Chloroethane	1.468	64	18436	1.463	ug/L #	52
12) 1,1-Dichloroethene	2.114	96	4381	0.266	ug/L #	1
16) Methylene chloride	2.503	84	32517	1.529	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	5174	0.267	ug/L	90
29) 1,1,1-Trichloroethane	4.606	97	1005	0.034	ug/L #	70
34) Trichloroethene	5.912	95	112048	5.689	ug/L	94
35) Methylcyclohexane	6.066	83	22016	0.636	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	9563	0.539	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1721	0.069	ug/L #	55
45) 1,1,2-Trichloroethane	7.966	97	1248	0.107	ug/L #	1
47) Tetrachloroethene	7.969	164	179970	11.411	ug/L	99
49) Dibromochloromethane	7.969	129	157904	11.245	ug/L #	10
61) 1,2,3-Trichloropropane	11.239	75	11523	1.449	ug/L #	64

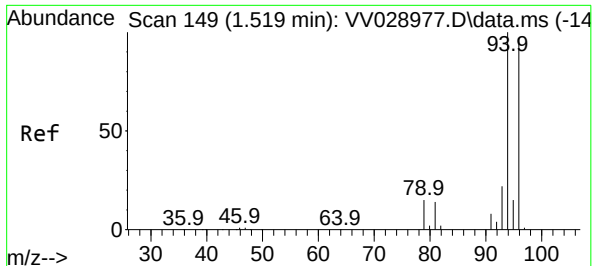
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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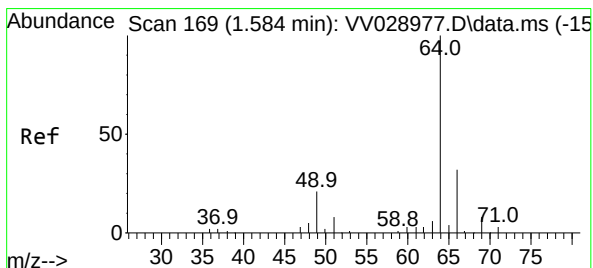
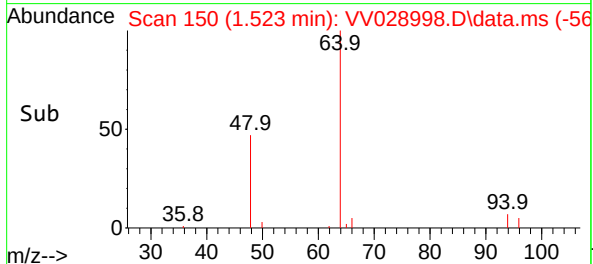
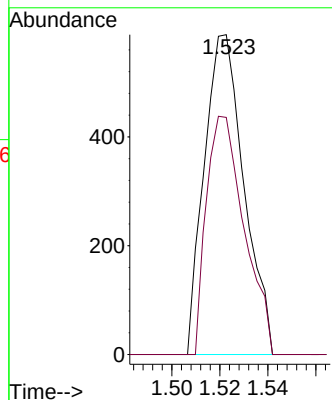
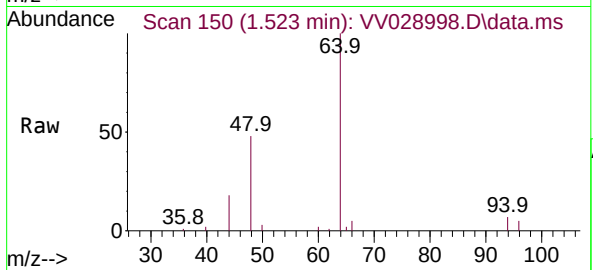




#6
Bromomethane
Concen: 0.053 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028998.D
Acq: 15 Nov 2022 18:58

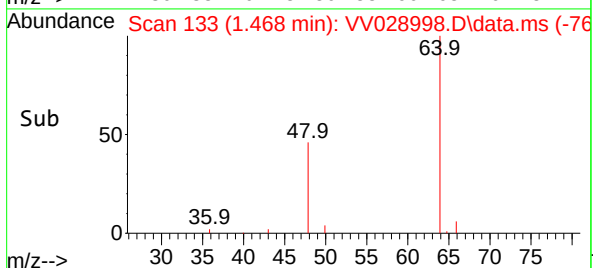
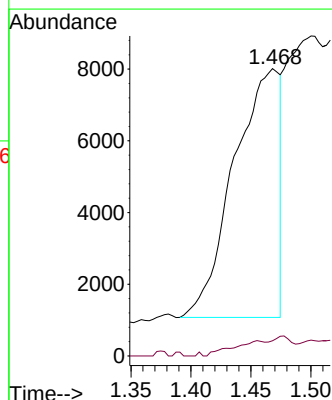
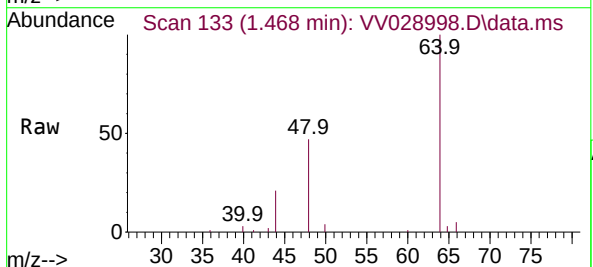
Instrument :
MSVOA_V
ClientSampleId :
H0AD0DL

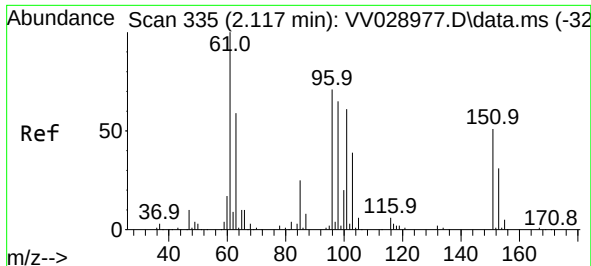
Tgt Ion: 94 Resp: 676
Ion Ratio Lower Upper
94 100
96 74.1 68.5 127.3



#8
Chloroethane
Concen: 1.463 ug/L
RT: 1.468 min Scan# 133
Delta R.T. -0.116 min
Lab File: VV028998.D
Acq: 15 Nov 2022 18:58

Tgt Ion: 64 Resp: 18436
Ion Ratio Lower Upper
64 100
66 5.1 22.0 40.8#





#12

1,1-Dichloroethene

Concen: 0.266 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028998.D

Acq: 15 Nov 2022 18:58

Instrument :

MSVOA_V

ClientSampleId :

H0AD0DL

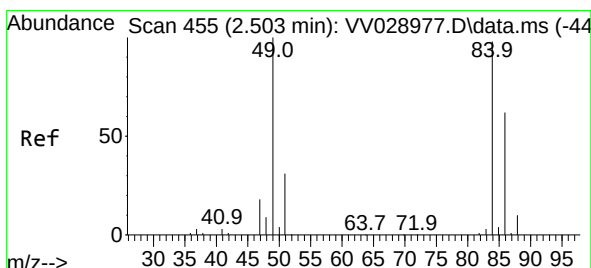
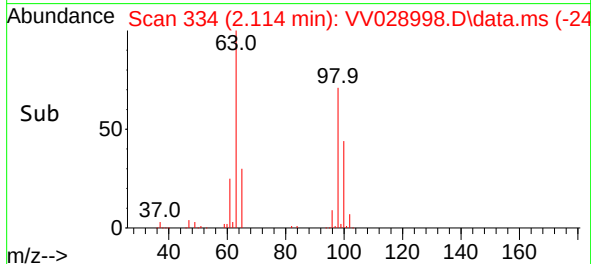
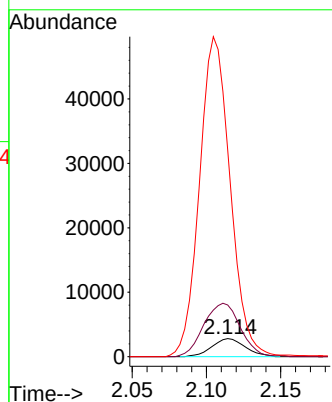
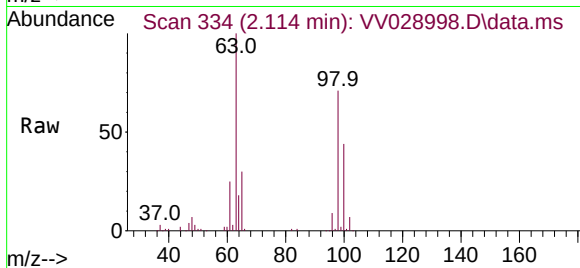
Tgt Ion: 96 Resp: 4381

Ion Ratio Lower Upper

96 100

61 285.3 104.2 193.4#

63 1140.0 75.9 140.9#



#16

Methylene chloride

Concen: 1.529 ug/L

RT: 2.503 min Scan# 455

Delta R.T. -0.000 min

Lab File: VV028998.D

Acq: 15 Nov 2022 18:58

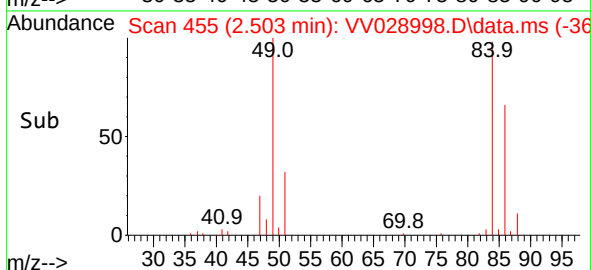
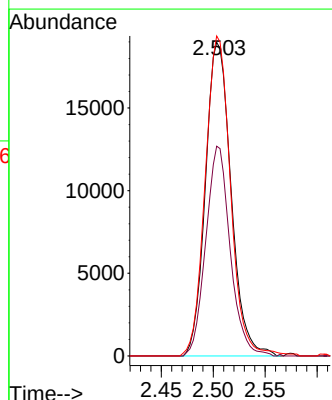
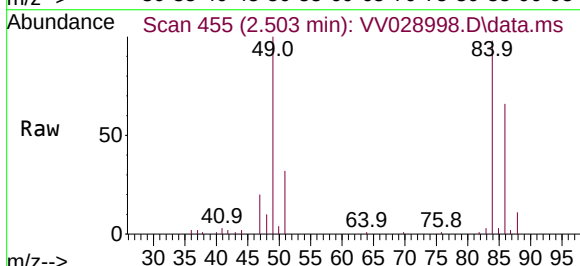
Tgt Ion: 84 Resp: 32517

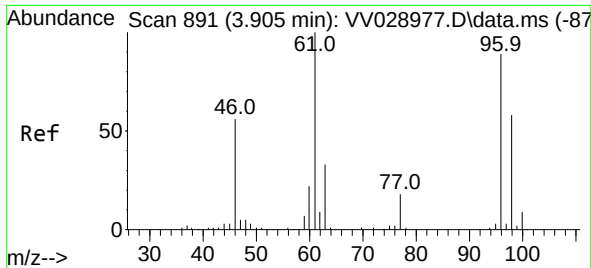
Ion Ratio Lower Upper

84 100

86 66.9 45.8 85.0

49 102.0 75.5 140.1

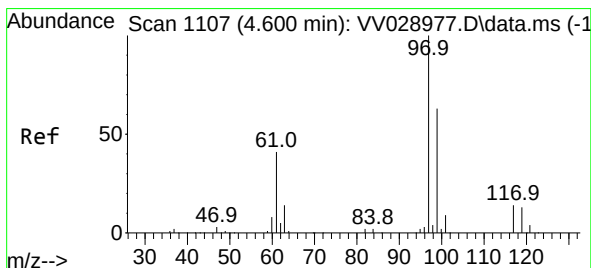
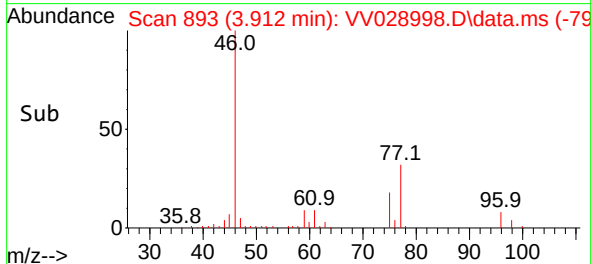
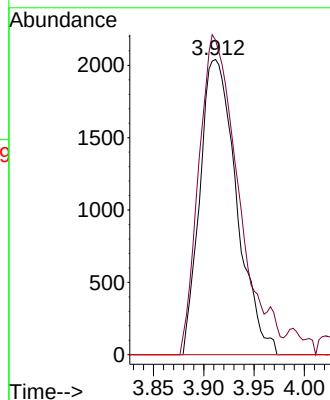
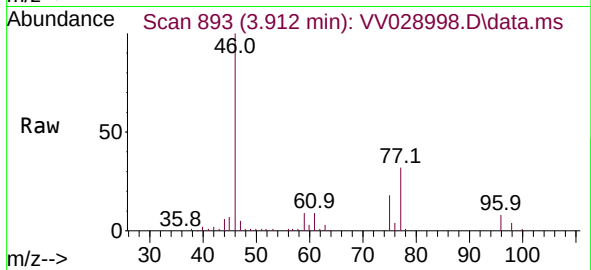




#22
 cis-1,2-Dichloroethene
 Concen: 0.267 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV028998.D
 Acq: 15 Nov 2022 18:58

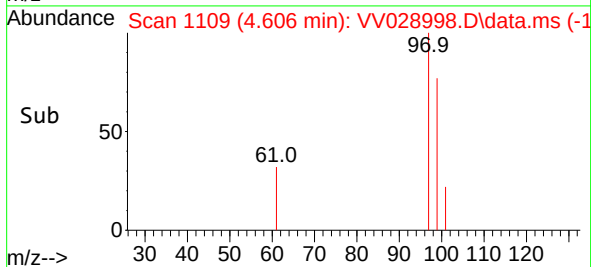
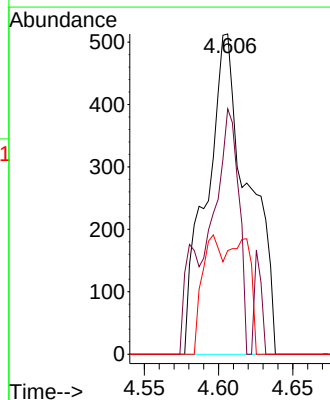
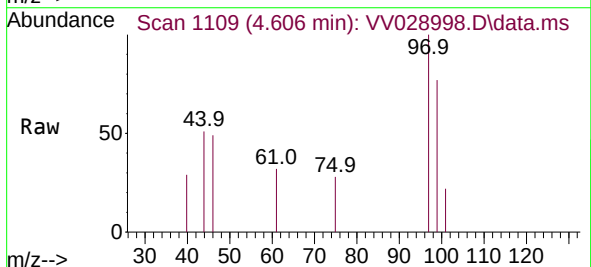
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AD0DL

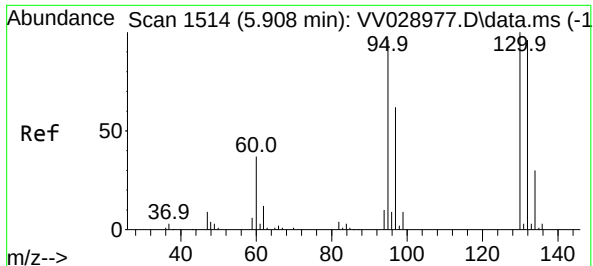
Tgt Ion: 96 Resp: 5174
 Ion Ratio Lower Upper
 96 100
 61 106.5 82.3 152.9
 68 0.0 0.0 0.0



#29
 1,1,1-Trichloroethane
 Concen: 0.034 ug/L
 RT: 4.606 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: VV028998.D
 Acq: 15 Nov 2022 18:58

Tgt Ion: 97 Resp: 1005
 Ion Ratio Lower Upper
 97 100
 99 46.0 52.7 79.1#
 61 17.9 33.8 50.6#

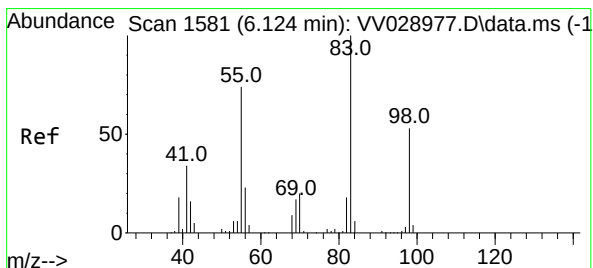
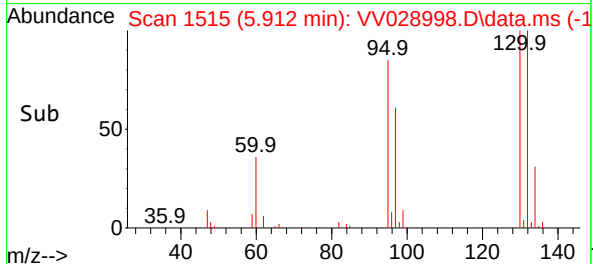
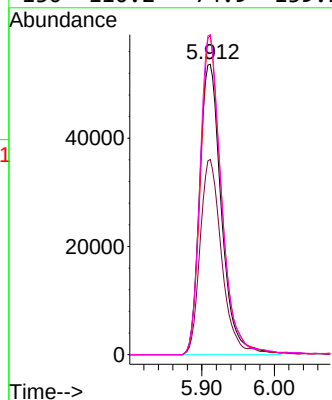
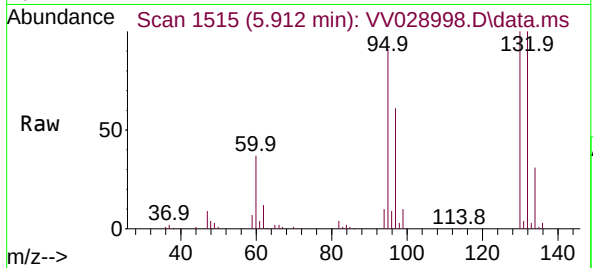




#34
Trichloroethene
Concen: 5.689 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028998.D
Acq: 15 Nov 2022 18:58

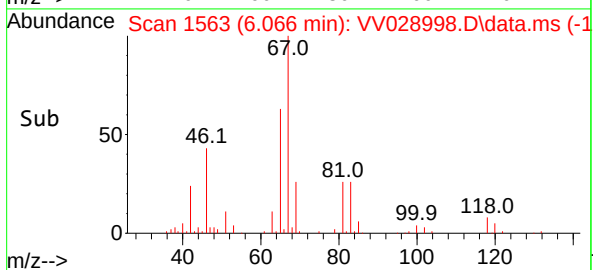
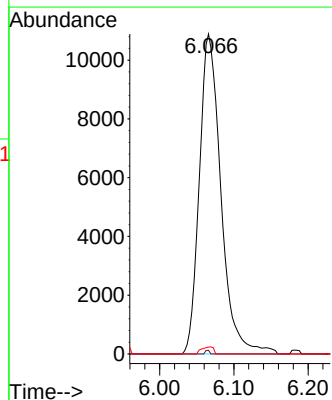
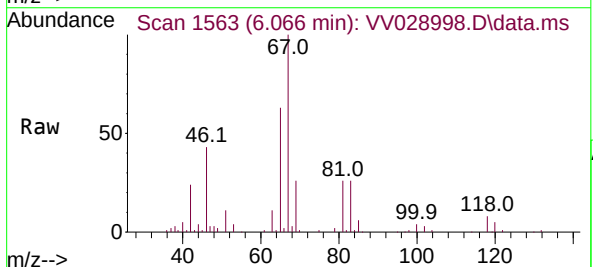
Instrument :
MSVOA_V
ClientSampleId :
H0AD0DL

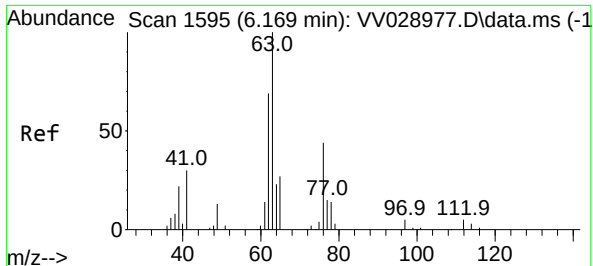
Tgt Ion: 95 Resp: 112048
Ion Ratio Lower Upper
95 100
97 67.2 45.6 84.8
132 110.0 69.1 128.3
130 110.2 74.9 139.1



#35
Methylcyclohexane
Concen: 0.636 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028998.D
Acq: 15 Nov 2022 18:58

Tgt Ion: 83 Resp: 22016
Ion Ratio Lower Upper
83 100
55 0.2 55.8 83.6#
98 1.2 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.539 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV028998.D

Acq: 15 Nov 2022 18:58

Instrument :

MSVOA_V

ClientSampleId :

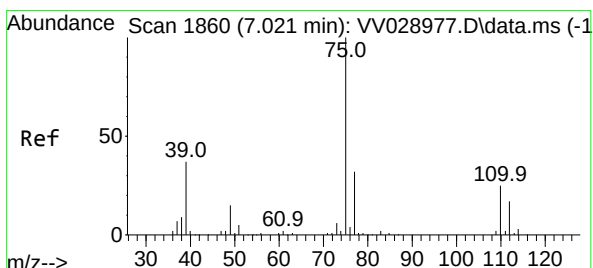
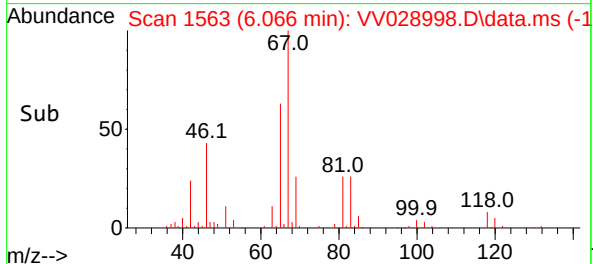
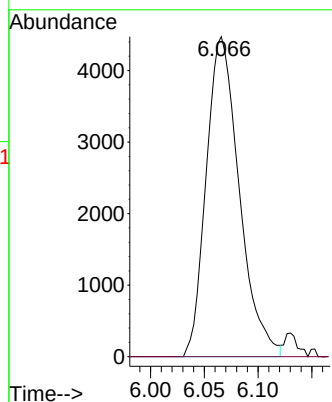
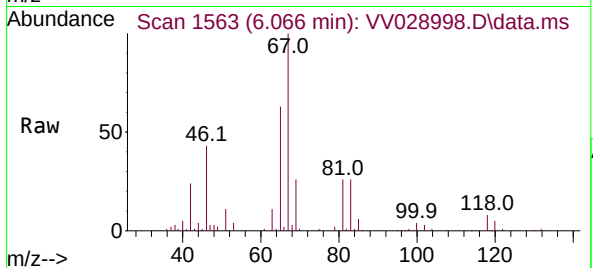
H0AD0DL

Tgt Ion: 63 Resp: 9563

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.029 min

Lab File: VV028998.D

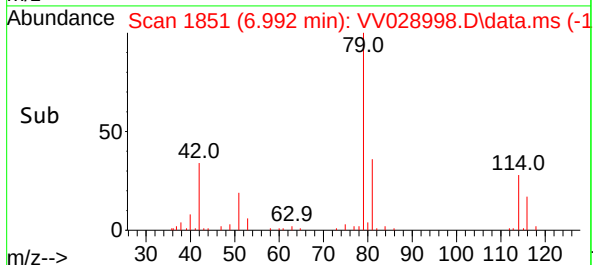
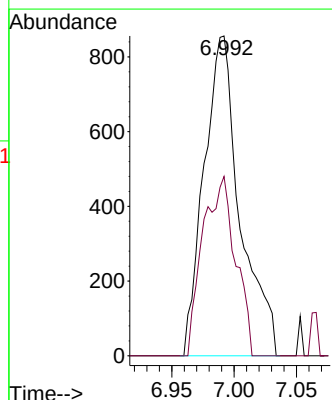
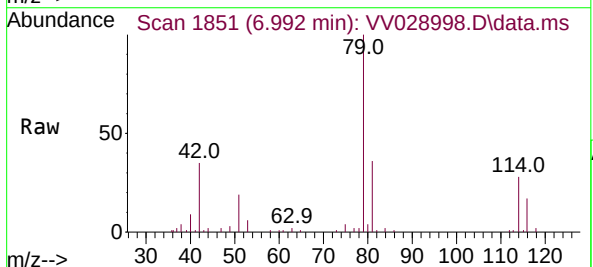
Acq: 15 Nov 2022 18:58

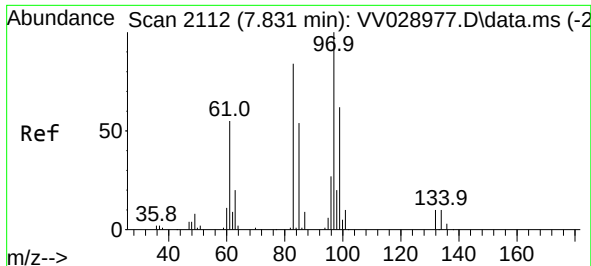
Tgt Ion: 75 Resp: 1721

Ion Ratio Lower Upper

75 100

77 56.1 21.8 40.6#





#45

1,1,2-Trichloroethane

Concen: 0.107 ug/L

RT: 7.966 min Scan# 2112

Delta R.T. 0.135 min

Lab File: VV028998.D

Acq: 15 Nov 2022 18:58

Instrument :

MSVOA_V

ClientSampleId :

H0AD0DL

Tgt Ion: 97 Resp: 1248

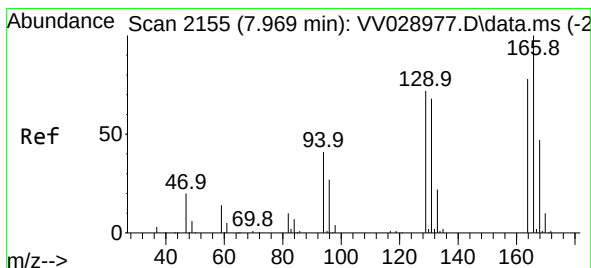
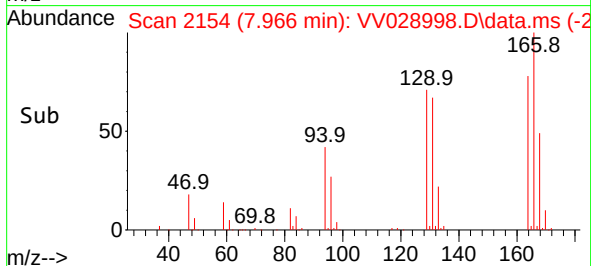
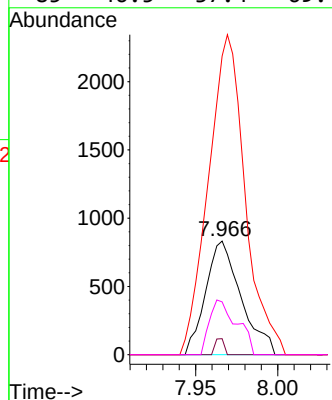
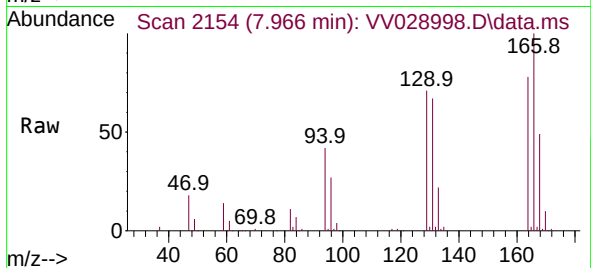
Ion Ratio Lower Upper

97 100

99 14.2 41.5 77.1#

83 262.9 60.0 111.4#

85 46.5 37.4 69.4



#47

Tetrachloroethene

Concen: 11.411 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VV028998.D

Acq: 15 Nov 2022 18:58

Tgt Ion:164 Resp: 179970

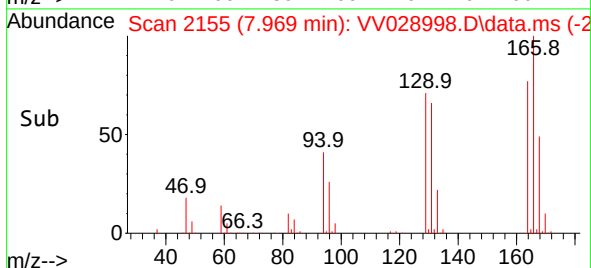
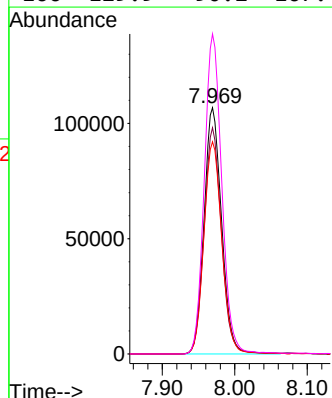
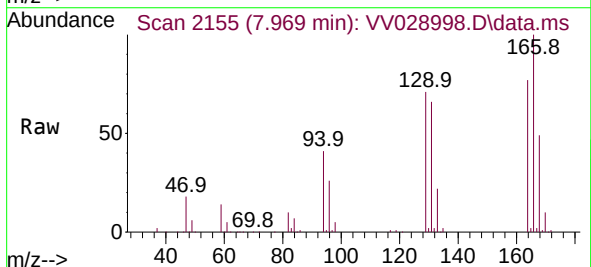
Ion Ratio Lower Upper

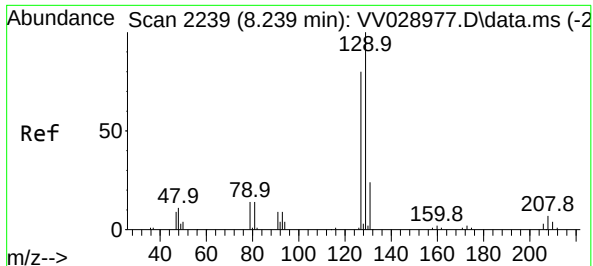
164 100

129 91.8 63.9 118.7

131 86.1 61.8 114.8

166 129.9 90.2 167.4





#49

Dibromochloromethane

Concen: 11.245 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV028998.D

Acq: 15 Nov 2022 18:58

Instrument :

MSVOA_V

ClientSampleId :

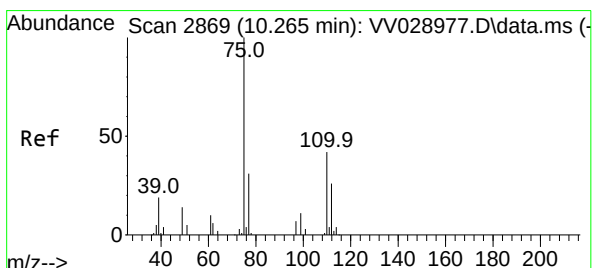
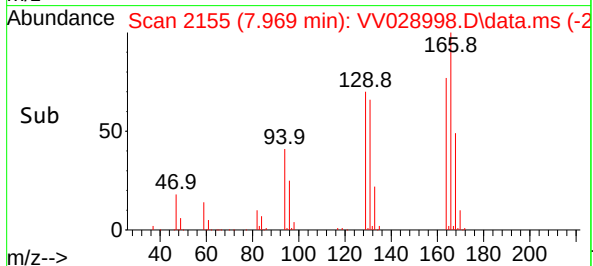
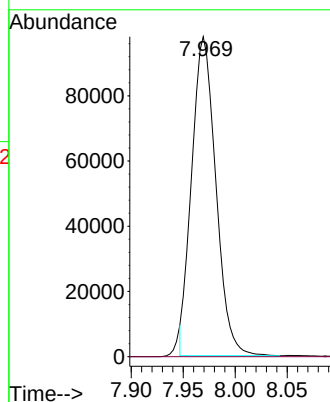
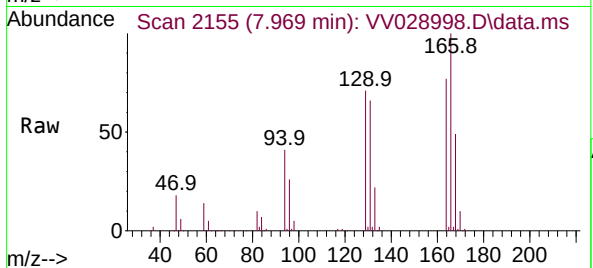
H0AD0DL

Tgt Ion:129 Resp: 157904

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.449 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV028998.D

Acq: 15 Nov 2022 18:58

Tgt Ion: 75 Resp: 11523

Ion Ratio Lower Upper

75 100

77 34.1 26.2 39.2

110 1.5 32.6 48.8#

