

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121622\
 Data File : VW029696.D
 Acq On : 16 Dec 2022 14:35
 Operator : SY/MD
 Sample : N6034-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 20:18:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 16 20:17:28 2022
 Response via : Initial Calibration

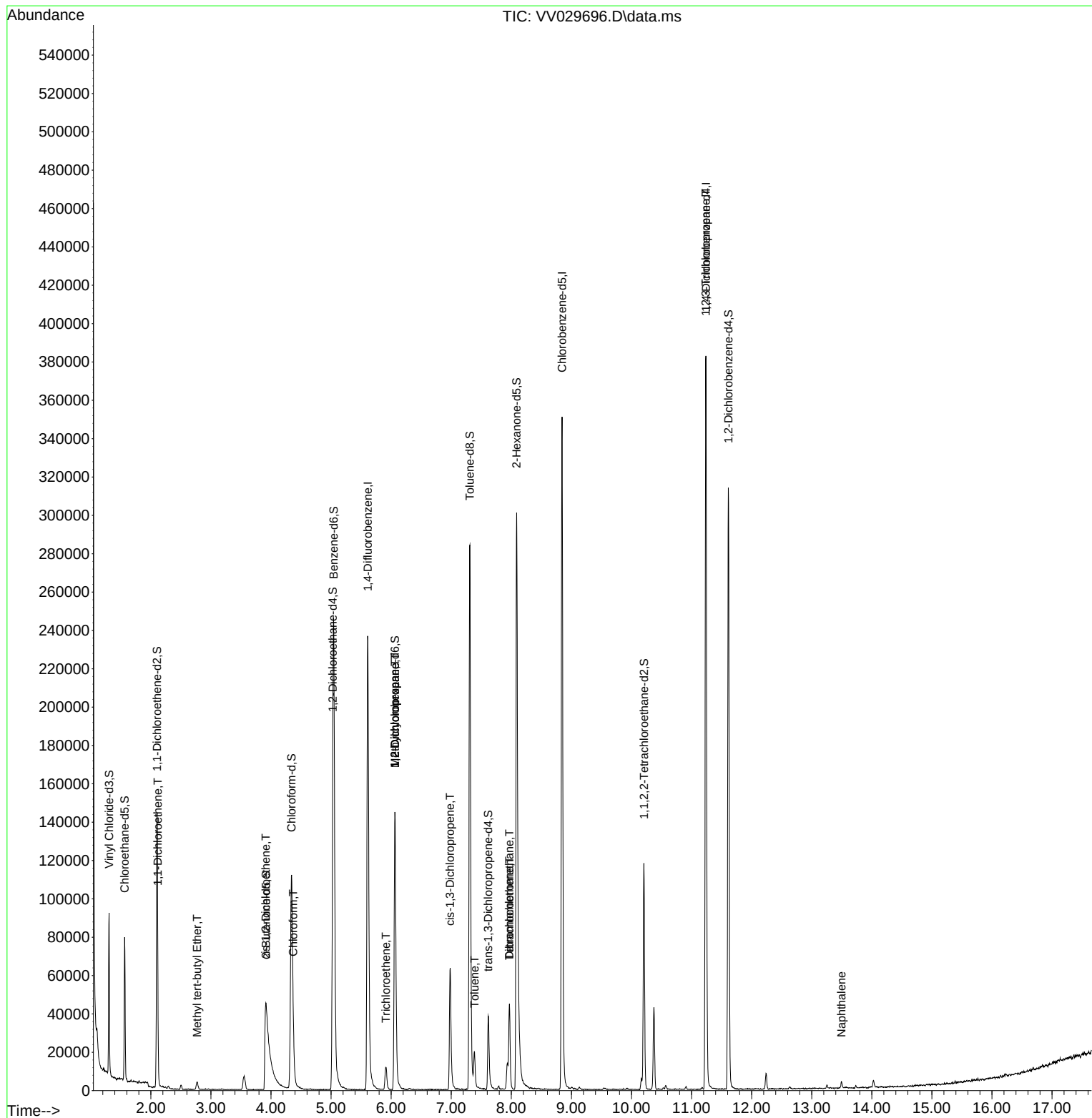
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	229687	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	209241	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	107941	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50062	3.542	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.800%	
7) Chloroethane-d5	1.564	69	47779	4.618	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.400%	
11) 1,1-Dichloroethene-d2	2.101	63	72286	3.196	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.000%	
20) 2-Butanone-d5	3.915	46	147231	62.265	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	124.520%	
24) Chloroform-d	4.339	84	121469	4.814	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
26) 1,2-Dichloroethane-d4	5.027	65	55798	5.027	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
32) Benzene-d6	5.043	84	245966	4.253	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
36) 1,2-Dichloropropane-d6	6.063	67	77637	4.778	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.600%	
41) Toluene-d8	7.310	98	209709	3.842	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.800%	
43) trans-1,3-Dichloroprop...	7.616	79	26253	4.190	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.800%	
46) 2-Hexanone-d5	8.088	63	131992	59.104	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	118.200%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	58972	5.881	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	117.600%	
66) 1,2-Dichlorobenzene-d4	11.612	152	86652	4.595	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	4333	0.367	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	4136	0.137	ug/L #	83
22) cis-1,2-Dichloroethene	3.912	96	2929	0.189	ug/L	100
25) Chloroform	4.368	83	17808	0.699	ug/L	98
34) Trichloroethene	5.912	95	3927	0.246	ug/L	96
35) Methylcyclohexane	6.063	83	17998	0.668	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	7889	0.535	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	1678	0.078	ug/L #	48
42) Toluene	7.387	91	14243	0.212	ug/L	96
47) Tetrachloroethene	7.966	164	10670	0.815	ug/L	98
49) Dibromochloromethane	7.969	129	9395	0.837	ug/L #	11
61) 1,2,3-Trichloropropane	11.236	75	12275	1.640	ug/L #	65
71) Naphthalene	13.493	128	3122	0.166	ug/L #	92

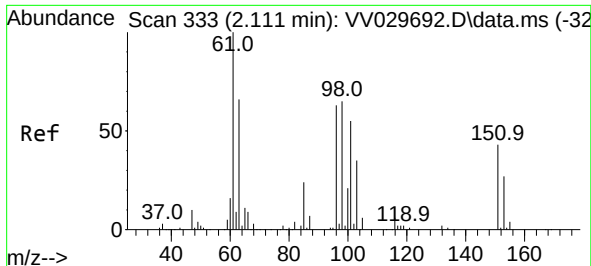
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.367 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV029696.D

Acq: 16 Dec 2022 14:35

Instrument :

MSVOA_V

ClientSampleId :

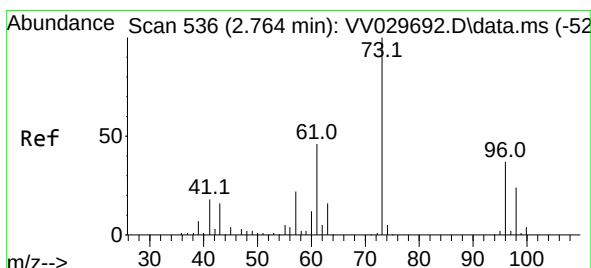
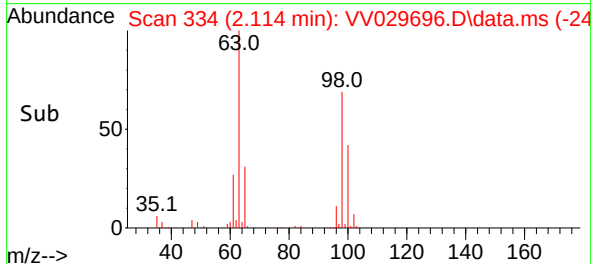
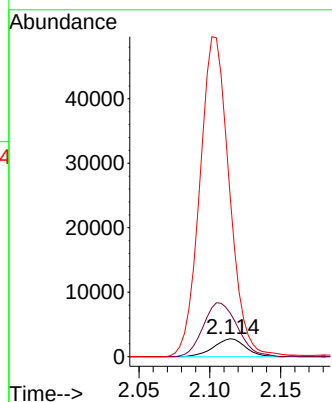
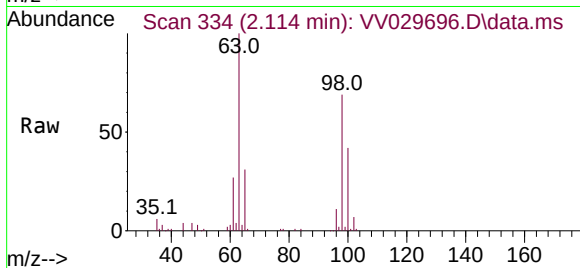
Tgt Ion: 96 Resp: 4333

Ion Ratio Lower Upper

96 100

61 244.7 110.3 204.9#

63 905.2 84.4 156.8#



#17

Methyl tert-butyl Ether

Concen: 0.137 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.007 min

Lab File: VV029696.D

Acq: 16 Dec 2022 14:35

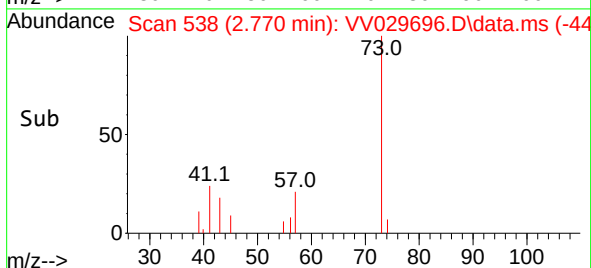
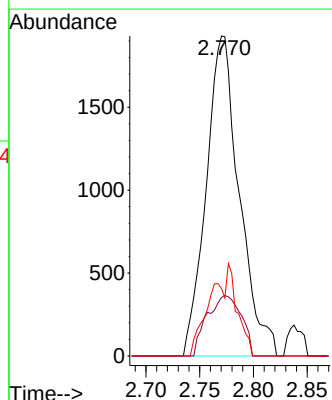
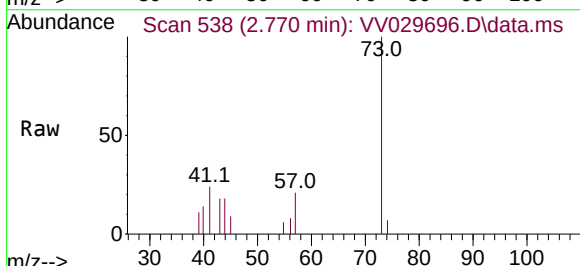
Tgt Ion: 73 Resp: 4136

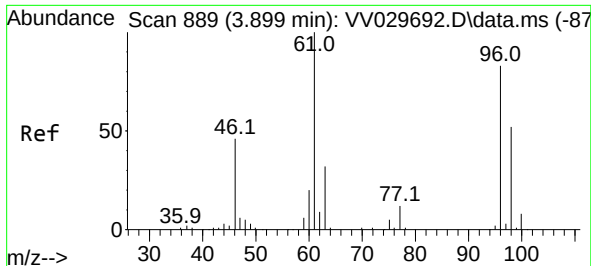
Ion Ratio Lower Upper

73 100

43 19.4 13.2 19.8

57 9.4 16.9 25.3#

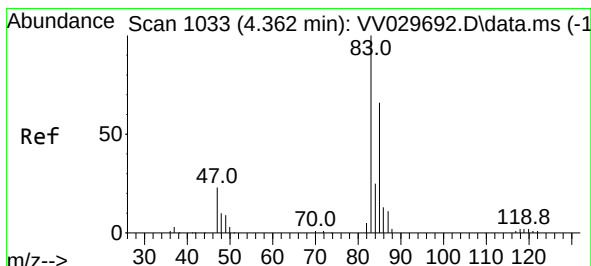
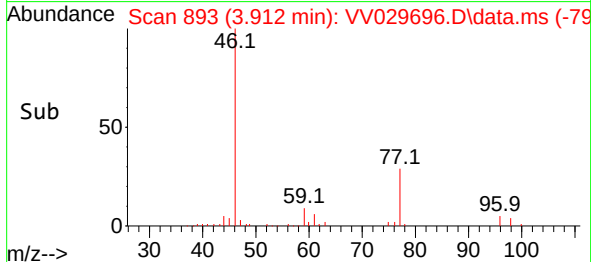
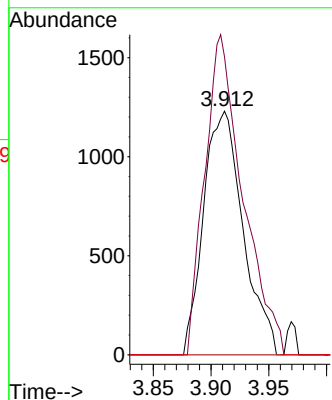
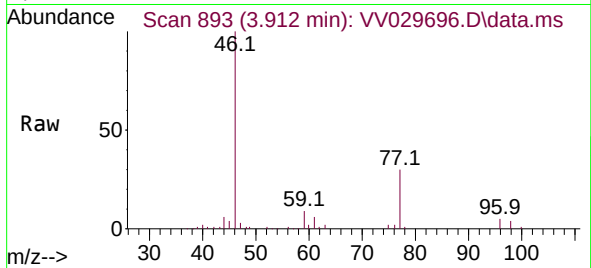




#22
cis-1,2-Dichloroethene
Concen: 0.189 ug/L
RT: 3.912 min Scan# 891
Delta R.T. 0.013 min
Lab File: VV029696.D
Acq: 16 Dec 2022 14:35

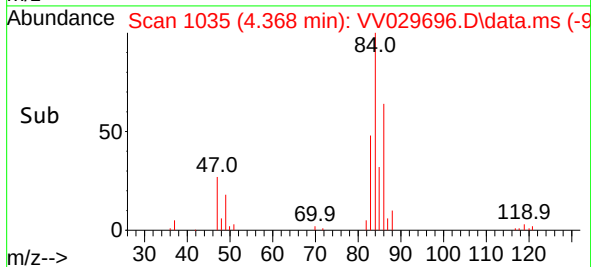
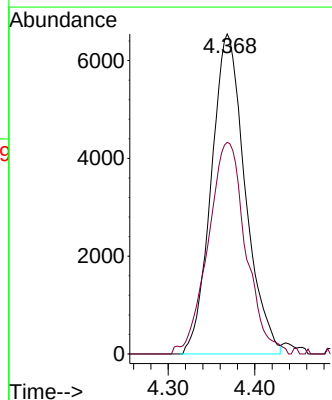
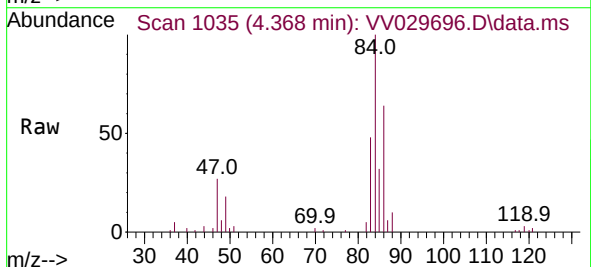
Instrument :
MSVOA_V
ClientSampleId :

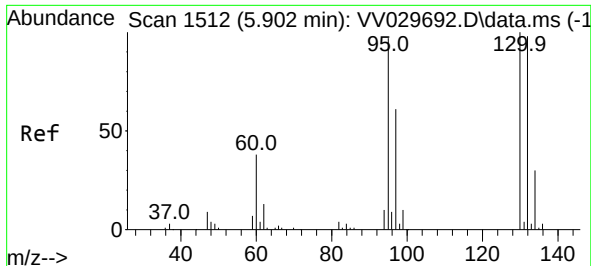
Tgt Ion: 96 Resp: 2929
Ion Ratio Lower Upper
96 100
61 122.3 85.8 159.3
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.699 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.007 min
Lab File: VV029696.D
Acq: 16 Dec 2022 14:35

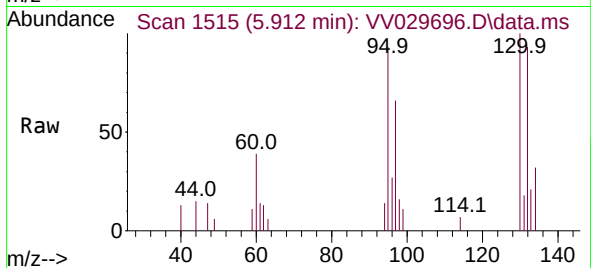
Tgt Ion: 83 Resp: 17808
Ion Ratio Lower Upper
83 100
85 66.2 45.4 84.4





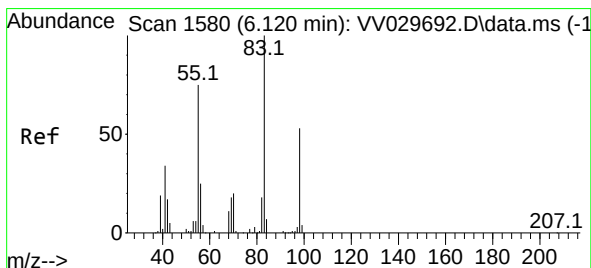
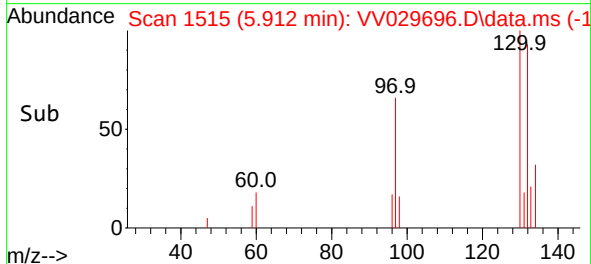
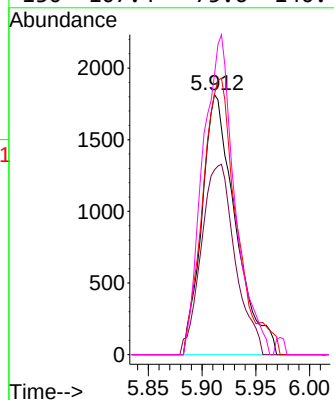
#34
Trichloroethene
Concen: 0.246 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV029696.D
Acq: 16 Dec 2022 14:35

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 3927

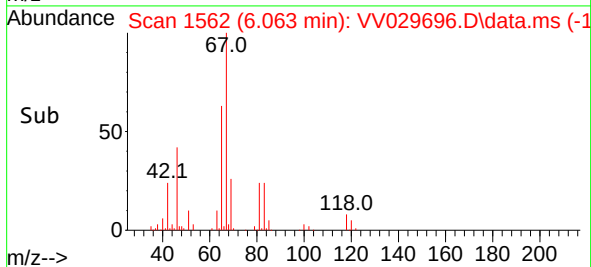
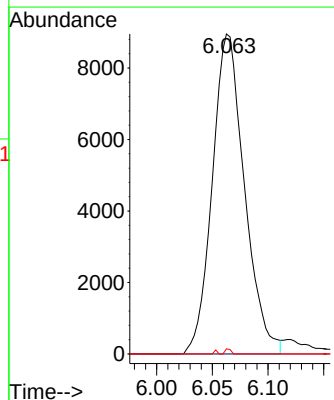
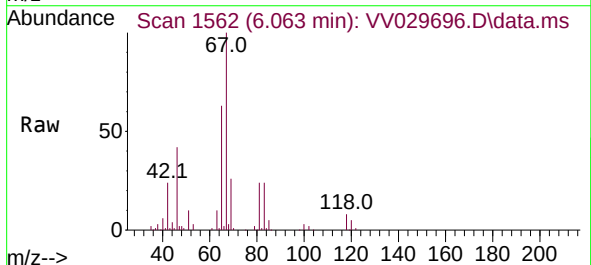
Ion	Ratio	Lower	Upper
95	100		
97	71.1	45.4	84.4
132	100.1	73.3	136.1
130	107.4	75.6	140.4

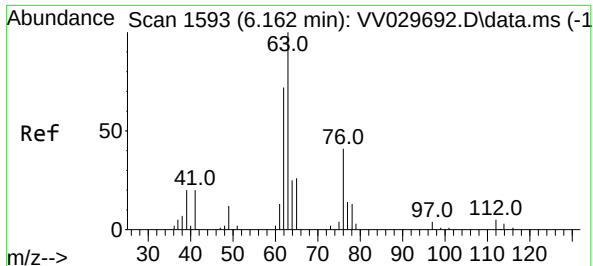


#35
Methylcyclohexane
Concen: 0.668 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029696.D
Acq: 16 Dec 2022 14:35

Tgt Ion: 83 Resp: 17998

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.4	83.2#
98	0.3	39.4	59.2#





#37

1,2-Dichloropropane

Concen: 0.535 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV029696.D

Acq: 16 Dec 2022 14:35

Instrument :

MSVOA_V

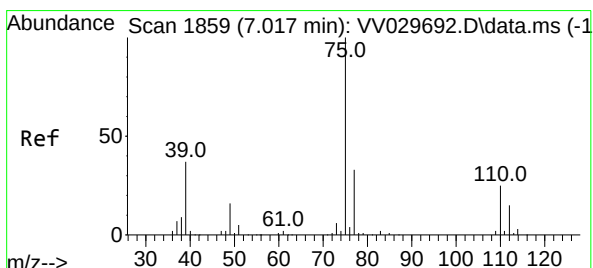
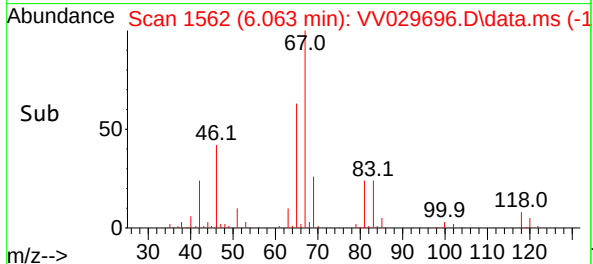
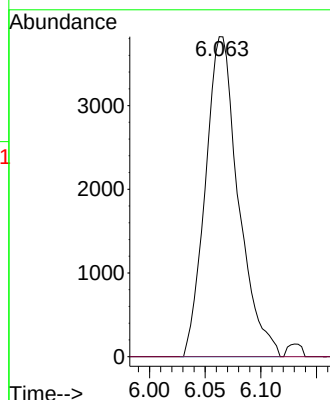
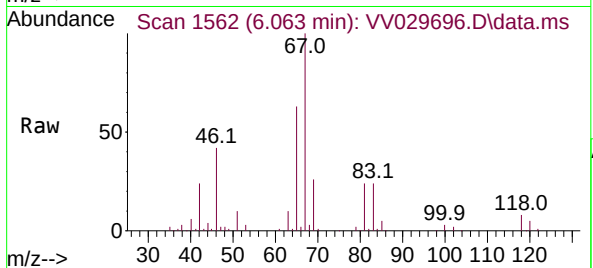
ClientSampleId :

Tgt Ion: 63 Resp: 7889

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.038 min

Lab File: VV029696.D

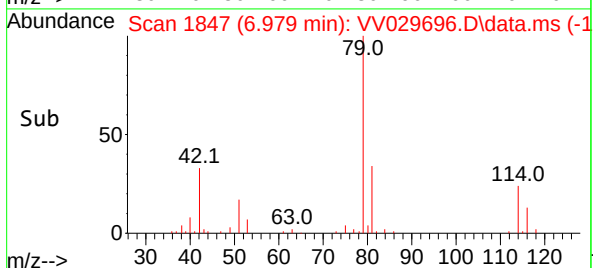
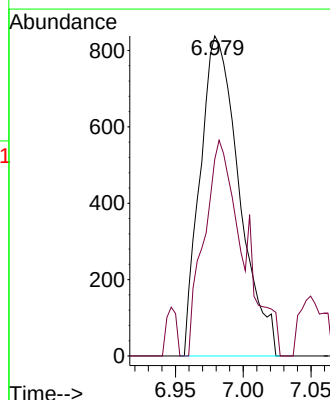
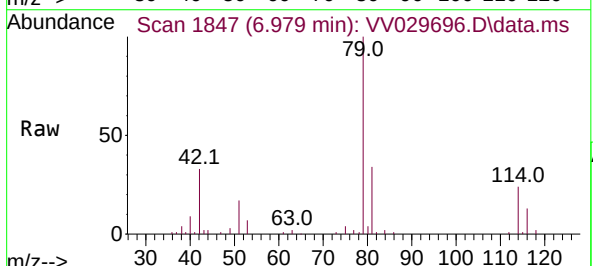
Acq: 16 Dec 2022 14:35

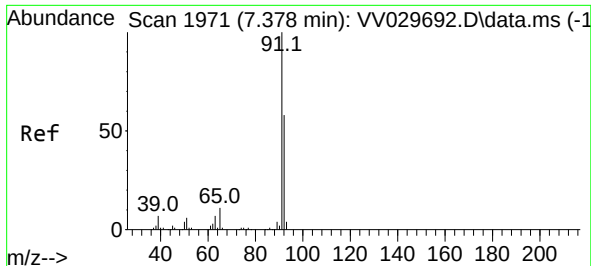
Tgt Ion: 75 Resp: 1678

Ion Ratio Lower Upper

75 100

77 61.5 22.7 42.3#





#42

Toluene

Concen: 0.212 ug/L

RT: 7.387 min Scan# 1971

Delta R.T. 0.010 min

Lab File: VV029696.D

Acq: 16 Dec 2022 14:35

Instrument :

MSVOA_V

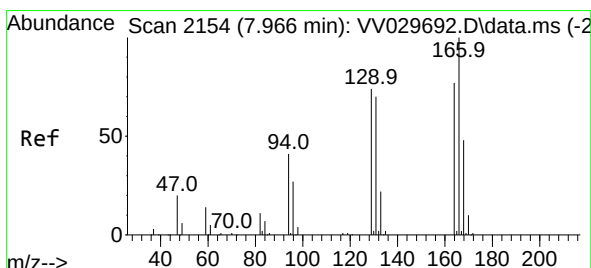
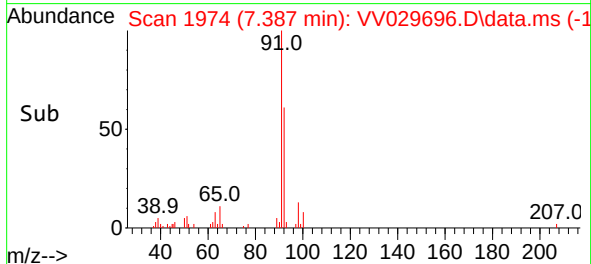
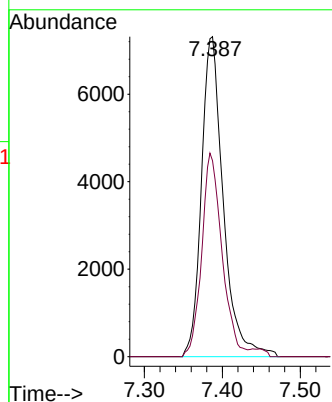
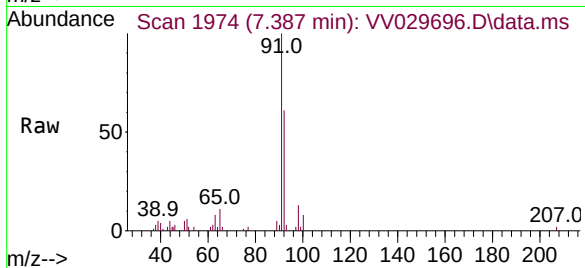
ClientSampleId :

Tgt Ion: 91 Resp: 14243

Ion Ratio Lower Upper

91 100

92 61.3 40.8 75.8



#47

Tetrachloroethene

Concen: 0.815 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VV029696.D

Acq: 16 Dec 2022 14:35

Tgt Ion: 164 Resp: 10670

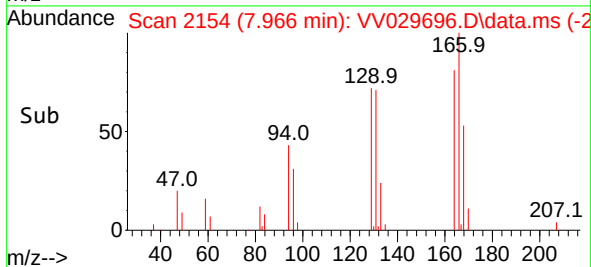
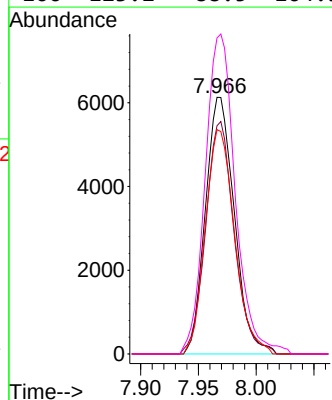
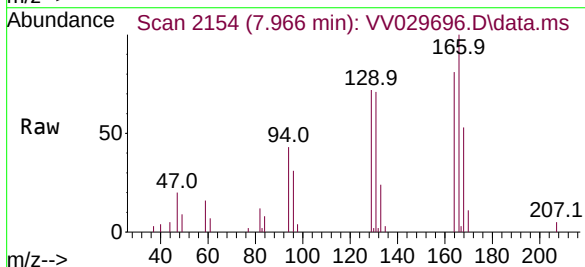
Ion Ratio Lower Upper

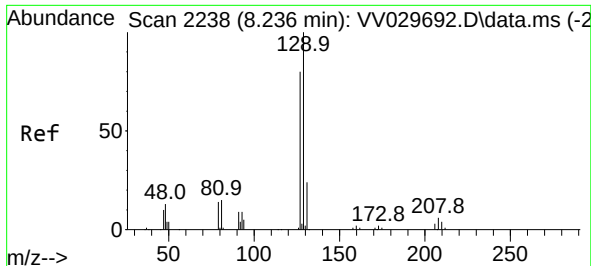
164 100

129 88.9 61.7 114.7

131 87.4 62.9 116.9

166 123.2 88.5 164.3





#49

Dibromochloromethane

Concen: 0.837 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.267 min

Lab File: VV029696.D

Acq: 16 Dec 2022 14:35

Instrument :

MSVOA_V

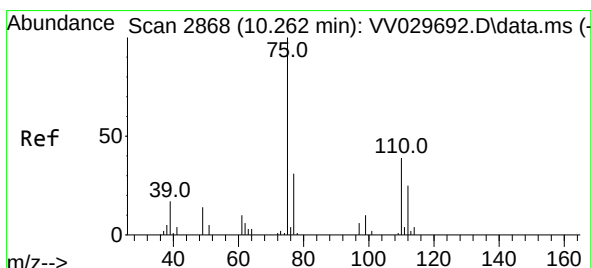
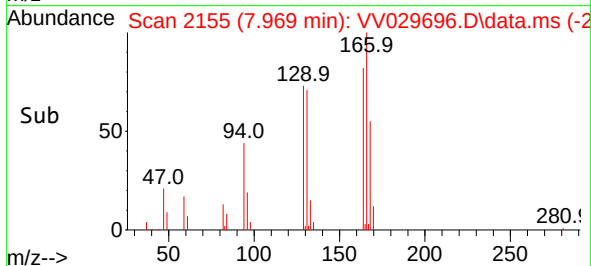
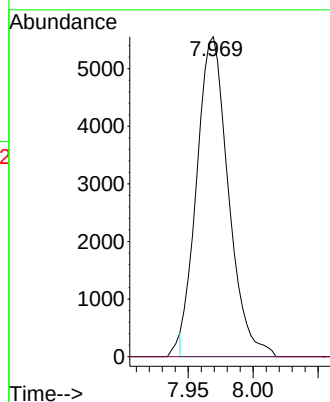
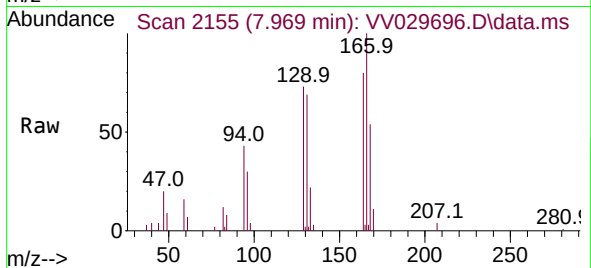
ClientSampleId :

Tgt Ion:129 Resp: 9395

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.7#



#61

1,2,3-Trichloropropane

Concen: 1.640 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.974 min

Lab File: VV029696.D

Acq: 16 Dec 2022 14:35

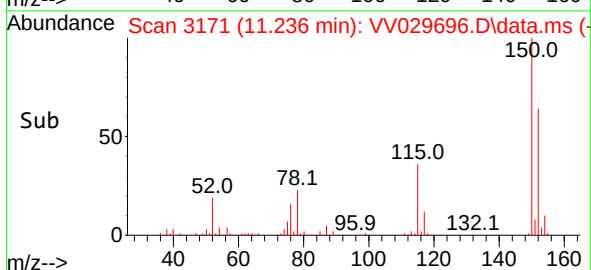
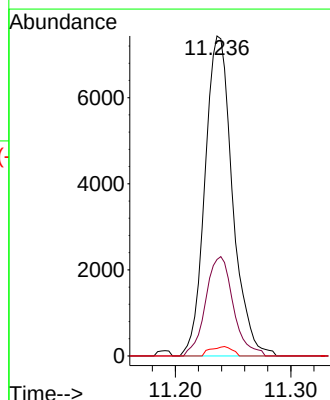
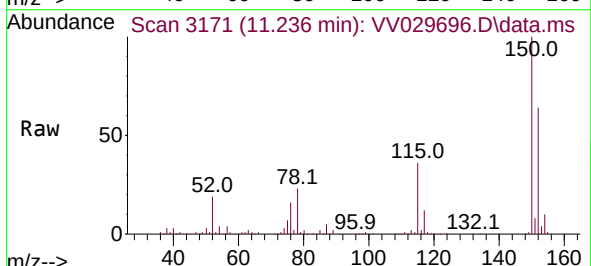
Tgt Ion: 75 Resp: 12275

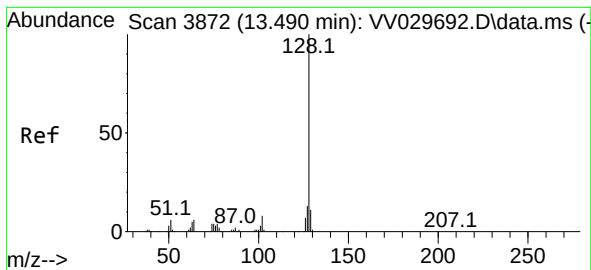
Ion Ratio Lower Upper

75 100

77 31.2 26.7 40.1

110 2.3 32.2 48.4#





#71

Naphthalene

Concen: 0.166 ug/L

RT: 13.493 min Scan# 31

Delta R.T. 0.003 min

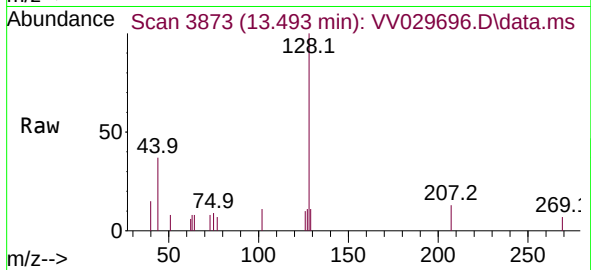
Lab File: VV029696.D

Acq: 16 Dec 2022 14:35

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 3122

Ion Ratio Lower Upper

128 100

129 8.3 8.9 13.3#

127 9.8 10.6 15.8#

