

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121622\
 Data File : VW029698.D
 Acq On : 16 Dec 2022 15:23
 Operator : SY/MD
 Sample : N6034-22
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 20:19:11 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)

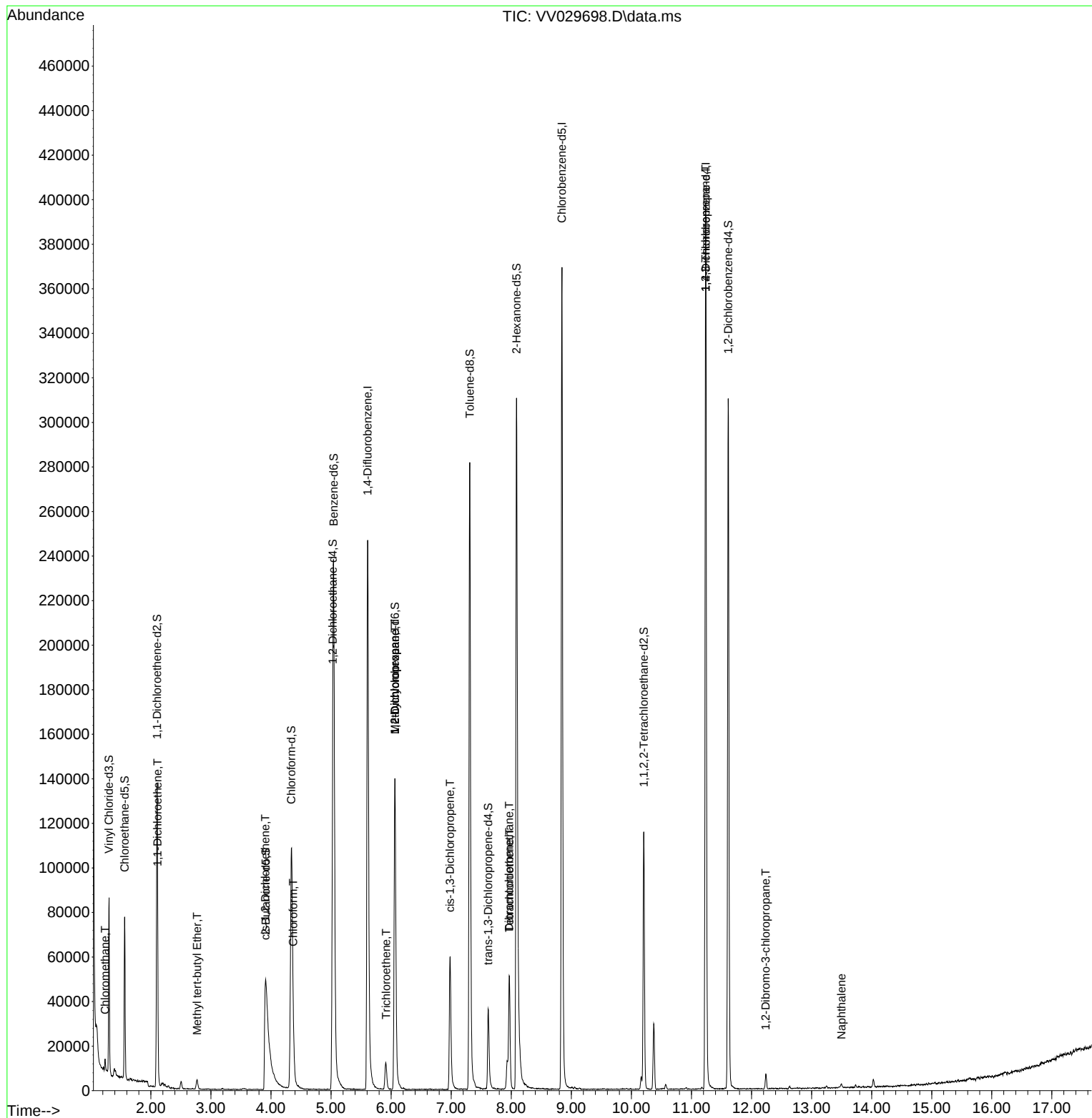
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	233040	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	215157	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	110547	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	48639	3.392	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.800%	
7) Chloroethane-d5	1.564	69	46700	4.448	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.105	63	69672	3.036	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.800%	
20) 2-Butanone-d5	3.912	46	145196	60.520	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	121.040%	
24) Chloroform-d	4.339	84	116195	4.539	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
26) 1,2-Dichloroethane-d4	5.027	65	54813	4.867	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
32) Benzene-d6	5.043	84	234483	3.943	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.800%	
36) 1,2-Dichloropropane-d6	6.063	67	76573	4.583	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.600%	
41) Toluene-d8	7.310	98	199713	3.558	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.200%	
43) trans-1,3-Dichloroprop...	7.616	79	24368	3.783	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.600%	
46) 2-Hexanone-d5	8.088	63	129537	56.410	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.820%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	58281	5.653	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	113.000%	
66) 1,2-Dichlorobenzene-d4	11.612	152	83463	4.322	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	3065	0.192	ug/L	98
12) 1,1-Dichloroethene	2.114	96	3737	0.312	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	4517	0.147	ug/L #	94
22) cis-1,2-Dichloroethene	3.905	96	2948	0.187	ug/L	84
25) Chloroform	4.368	83	17166	0.664	ug/L	94
34) Trichloroethene	5.915	95	4381	0.267	ug/L	90
35) Methylcyclohexane	6.063	83	16564	0.598	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	7696	0.508	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1655	0.075	ug/L #	70
47) Tetrachloroethene	7.969	164	12634	0.939	ug/L	95
49) Dibromochloromethane	7.966	129	11500	0.996	ug/L #	11
61) 1,2,3-Trichloropropane	11.236	75	12820	1.672	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.236	75	242	0.161	ug/L #	1
71) Naphthalene	13.496	128	2044	0.106	ug/L #	89

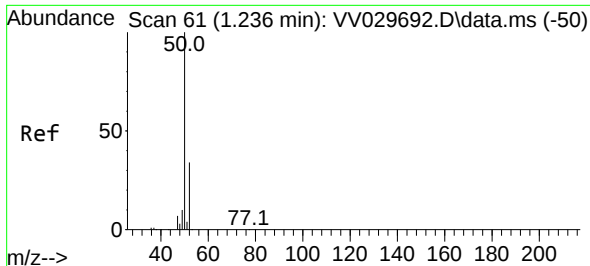
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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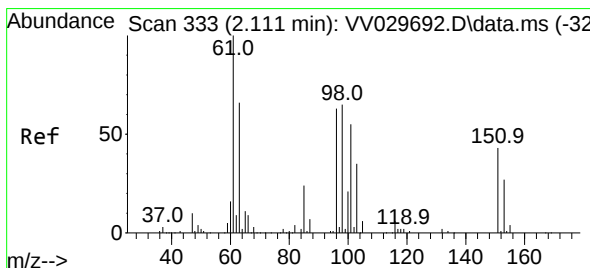
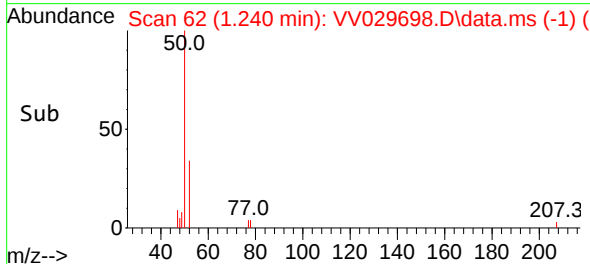
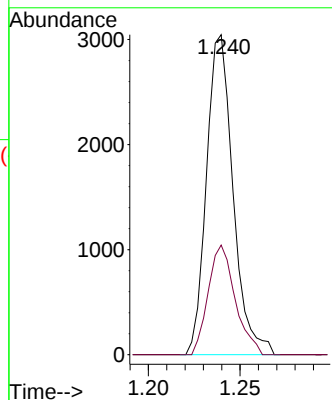
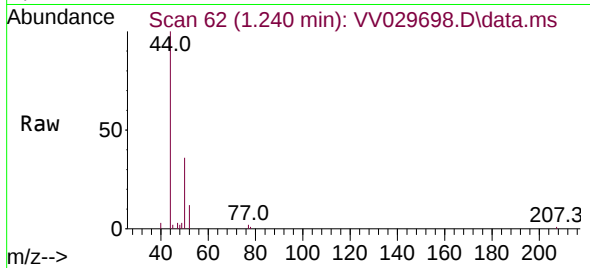




#3
Chloromethane
Concen: 0.192 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029698.D
Acq: 16 Dec 2022 15:23

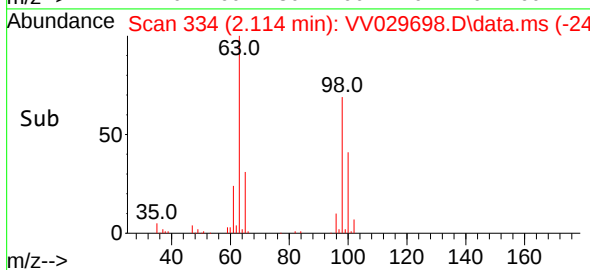
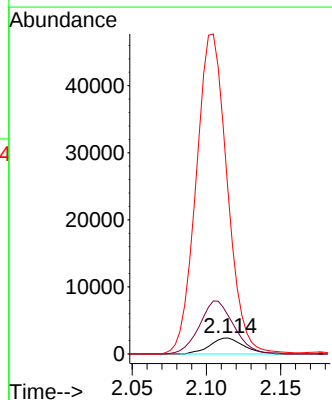
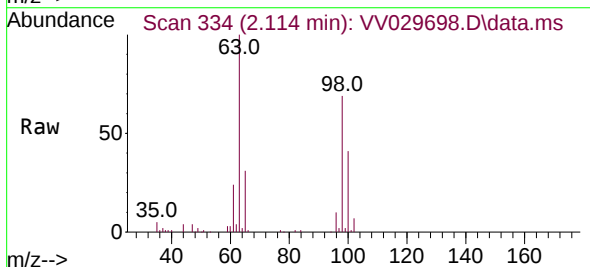
Instrument :
MSVOA_V
ClientSampleId :

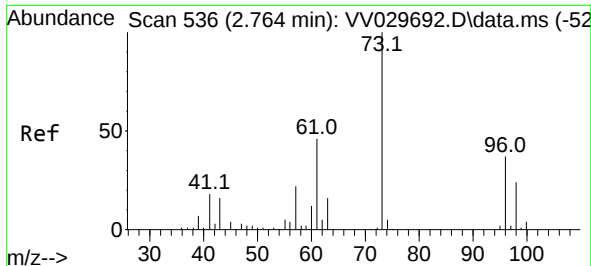
Tgt Ion: 50 Resp: 3065
Ion Ratio Lower Upper
50 100
52 34.2 23.2 43.2



#12
1,1-Dichloroethene
Concen: 0.312 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV029698.D
Acq: 16 Dec 2022 15:23

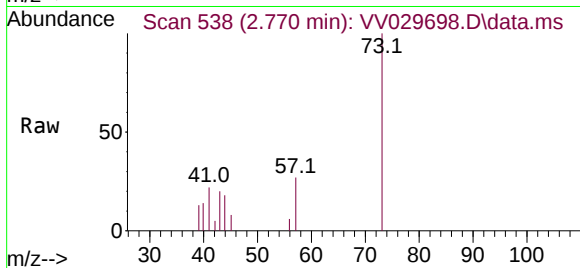
Tgt Ion: 96 Resp: 3737
Ion Ratio Lower Upper
96 100
61 244.4 110.3 204.9#
63 1038.2 84.4 156.8#



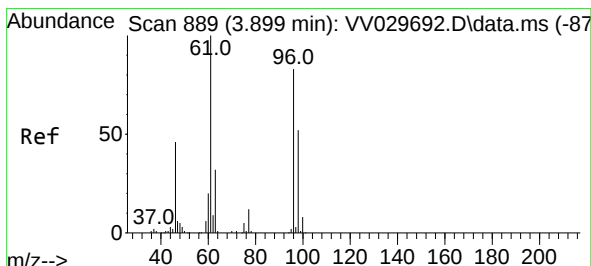
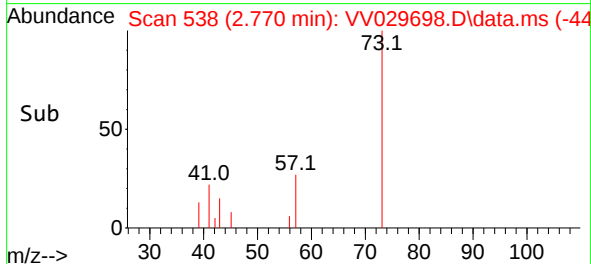
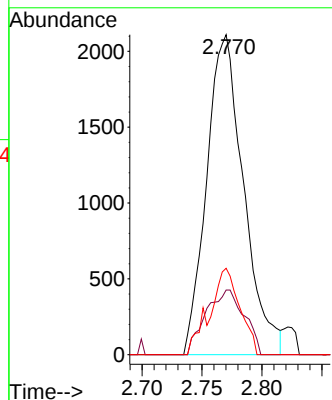


#17
Methyl tert-butyl Ether
Concen: 0.147 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV029698.D
Acq: 16 Dec 2022 15:23

Instrument :
MSVOA_V
ClientSampleId :

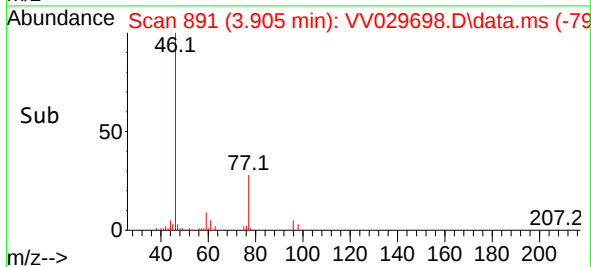
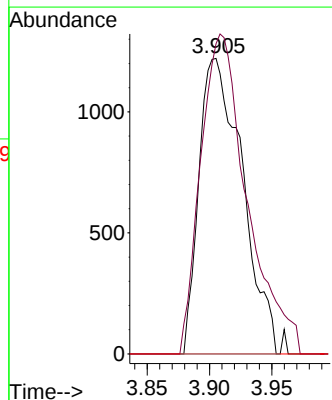
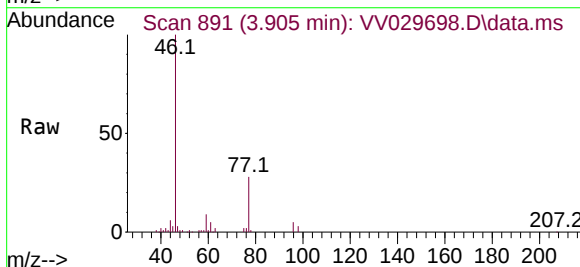


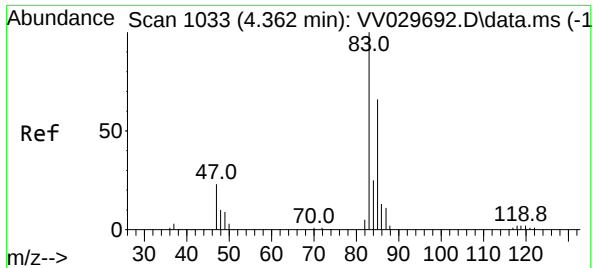
Tgt Ion: 73 Resp: 4517
Ion Ratio Lower Upper
73 100
43 21.1 13.2 19.8#
57 22.0 16.9 25.3



#22
cis-1,2-Dichloroethene
Concen: 0.187 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.007 min
Lab File: VV029698.D
Acq: 16 Dec 2022 15:23

Tgt Ion: 96 Resp: 2948
Ion Ratio Lower Upper
96 100
61 105.0 85.8 159.3
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.664 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.007 min

Lab File: VV029698.D

Acq: 16 Dec 2022 15:23

Instrument :

MSVOA_V

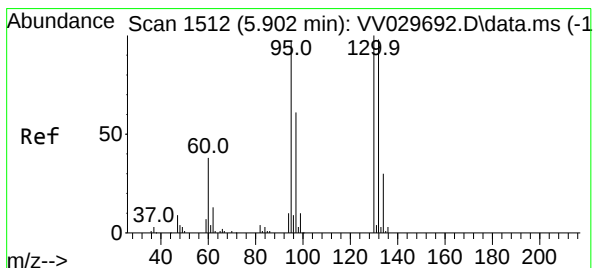
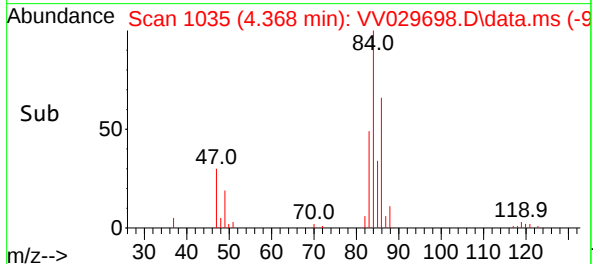
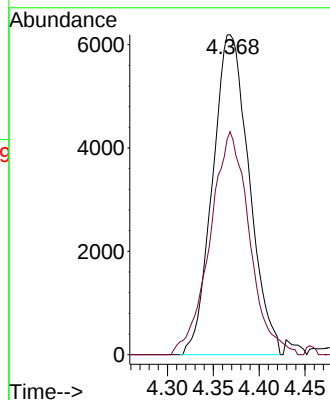
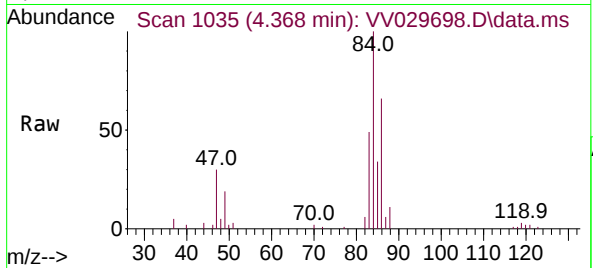
ClientSampleId :

Tgt Ion: 83 Resp: 17166

Ion Ratio Lower Upper

83 100

85 69.7 45.4 84.4



#34

Trichloroethene

Concen: 0.267 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.013 min

Lab File: VV029698.D

Acq: 16 Dec 2022 15:23

Tgt Ion: 95 Resp: 4381

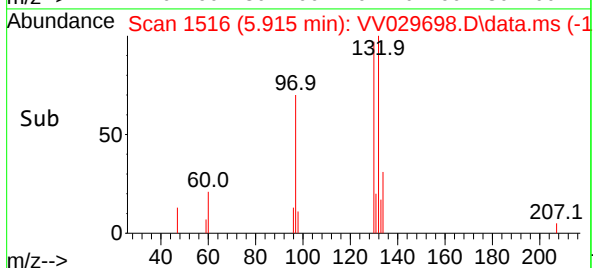
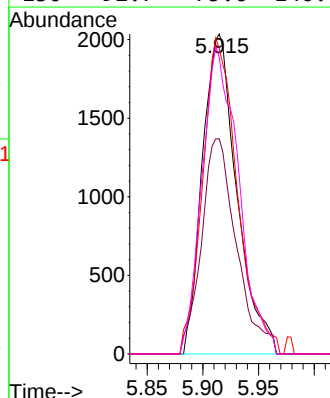
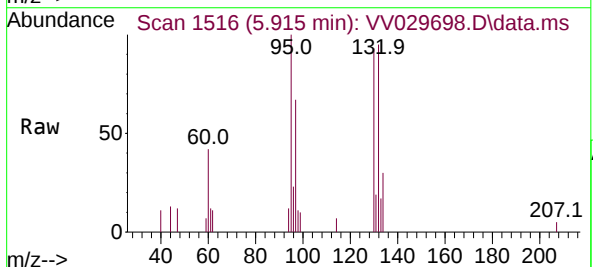
Ion Ratio Lower Upper

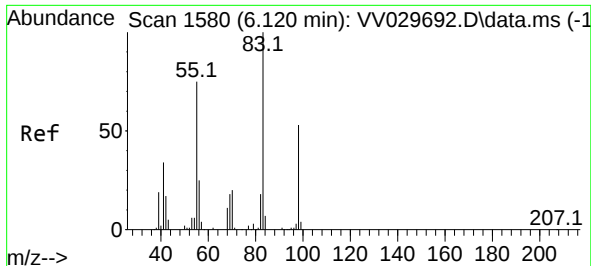
95 100

97 67.2 45.4 84.4

132 95.4 73.3 136.1

130 92.7 75.6 140.4

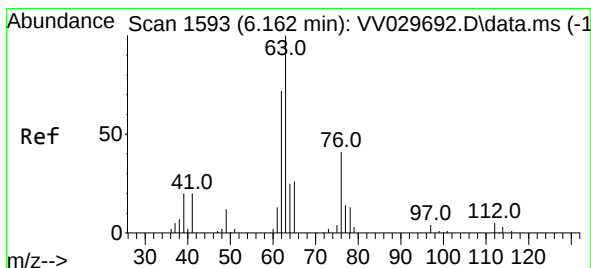
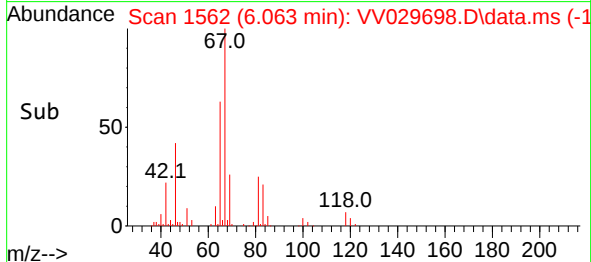
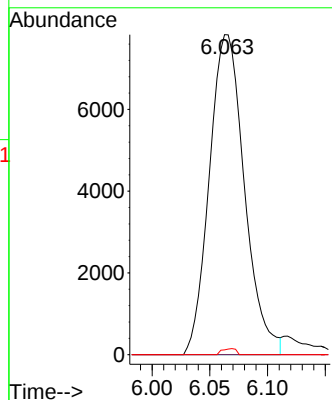
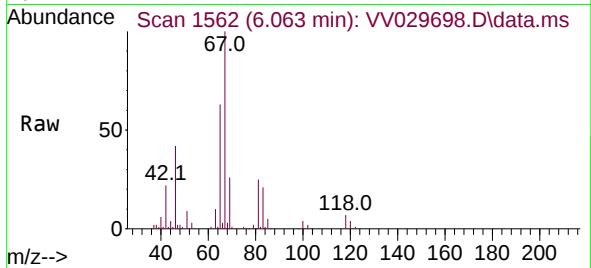




#35
Methylcyclohexane
Concen: 0.598 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029698.D
Acq: 16 Dec 2022 15:23

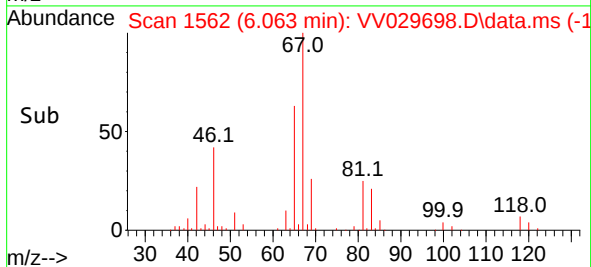
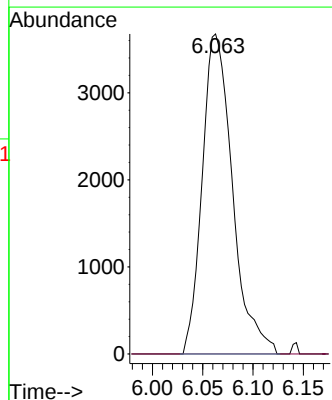
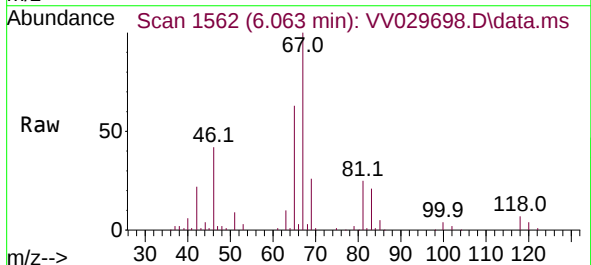
Instrument :
MSVOA_V
ClientSampleId :

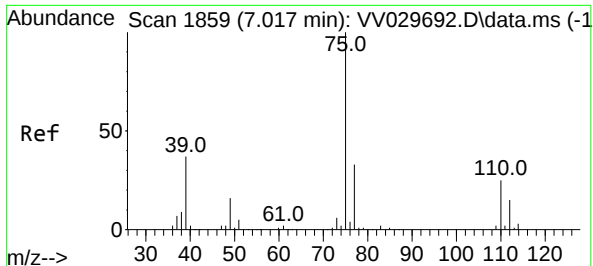
Tgt Ion: 83 Resp: 16564
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 0.7 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.508 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.100 min
Lab File: VV029698.D
Acq: 16 Dec 2022 15:23

Tgt Ion: 63 Resp: 7696
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#





#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV029698.D

Acq: 16 Dec 2022 15:23

Instrument :

MSVOA_V

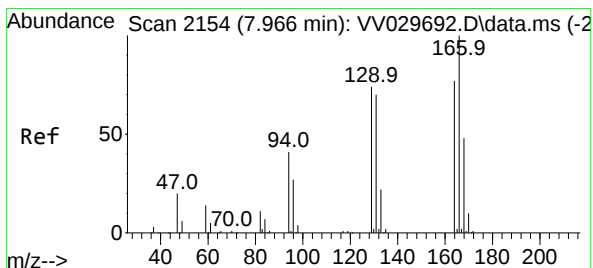
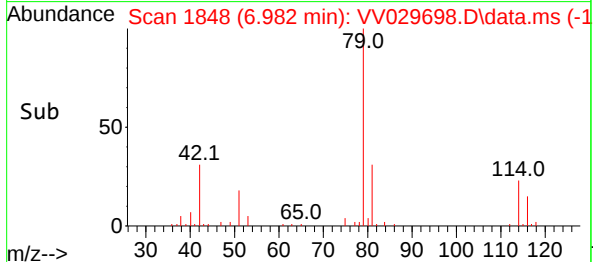
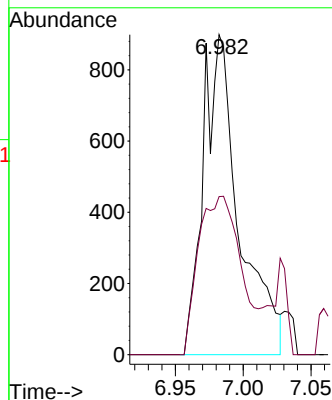
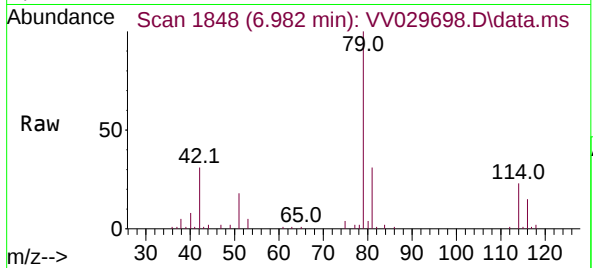
ClientSampleId :

Tgt Ion: 75 Resp: 1655

Ion Ratio Lower Upper

75 100

77 49.4 22.7 42.3#



#47

Tetrachloroethene

Concen: 0.939 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV029698.D

Acq: 16 Dec 2022 15:23

Tgt Ion: 164 Resp: 12634

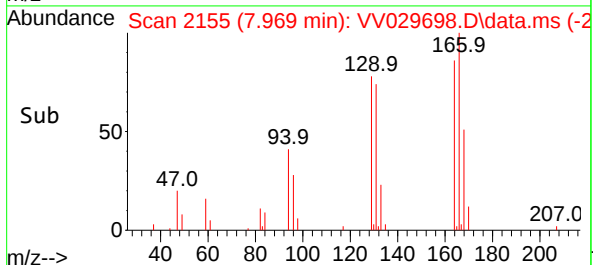
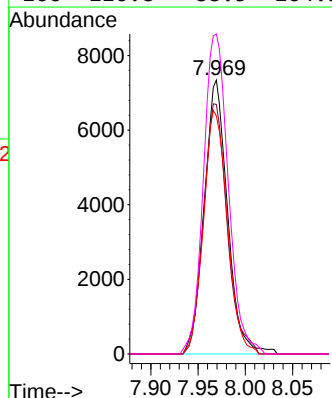
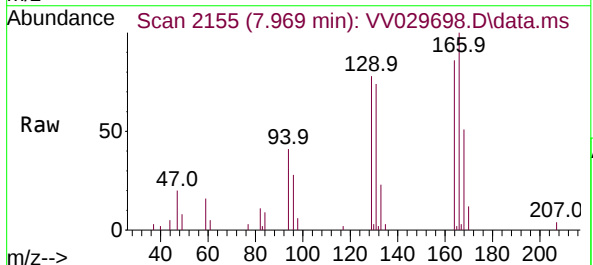
Ion Ratio Lower Upper

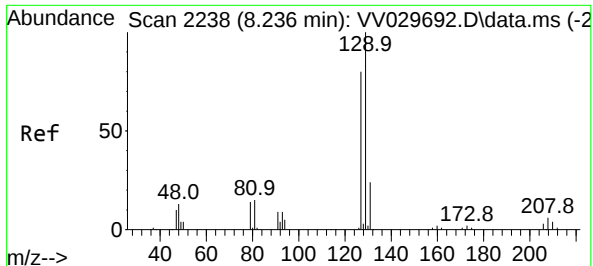
164 100

129 91.1 61.7 114.7

131 86.9 62.9 116.9

166 116.8 88.5 164.3





#49

Dibromochloromethane

Concen: 0.996 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.270 min

Lab File: VV029698.D

Acq: 16 Dec 2022 15:23

Instrument :

MSVOA_V

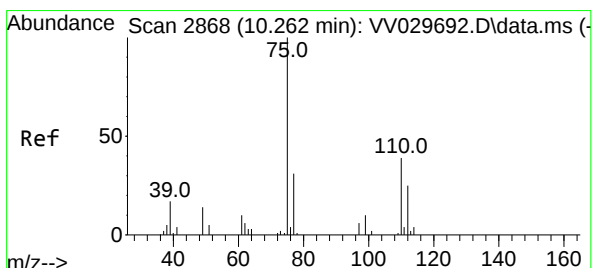
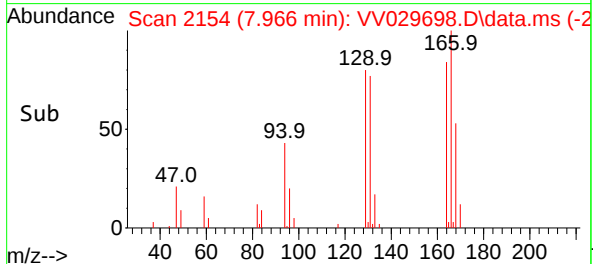
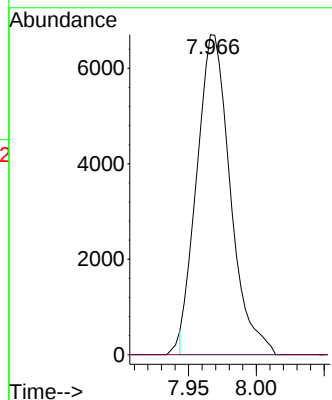
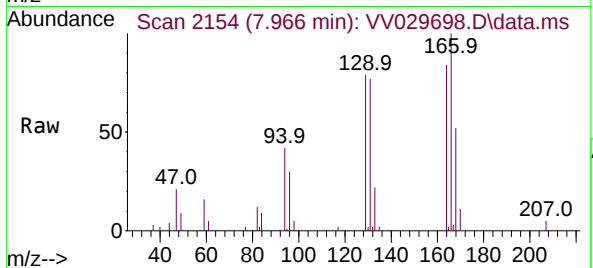
ClientSampleId :

Tgt Ion:129 Resp: 11500

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.7#



#61

1,2,3-Trichloropropane

Concen: 1.672 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.974 min

Lab File: VV029698.D

Acq: 16 Dec 2022 15:23

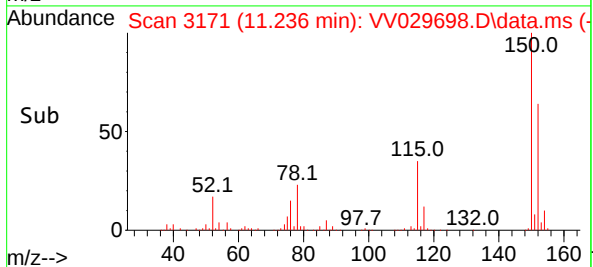
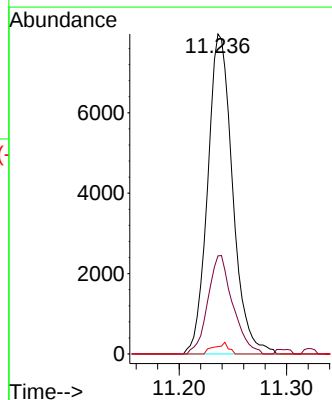
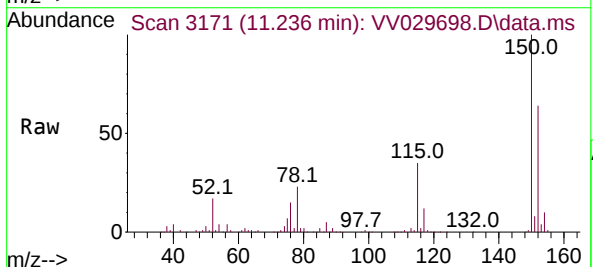
Tgt Ion: 75 Resp: 12820

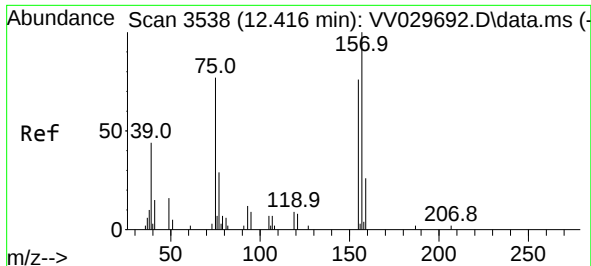
Ion Ratio Lower Upper

75 100

77 30.7 26.7 40.1

110 2.0 32.2 48.4#

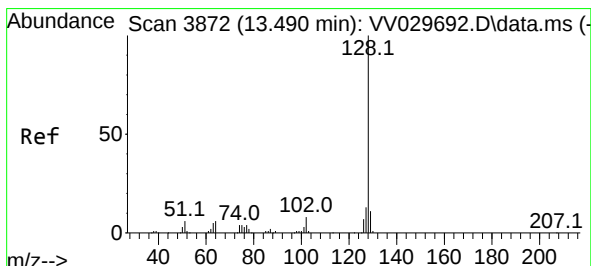
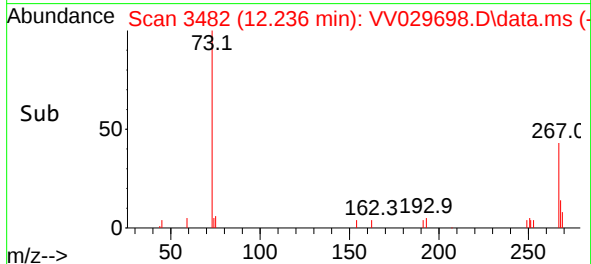
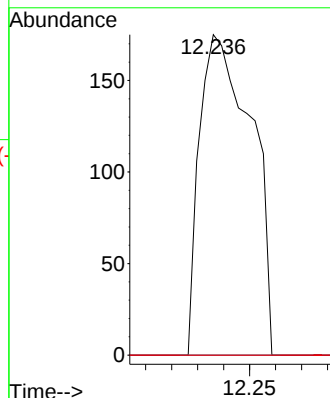
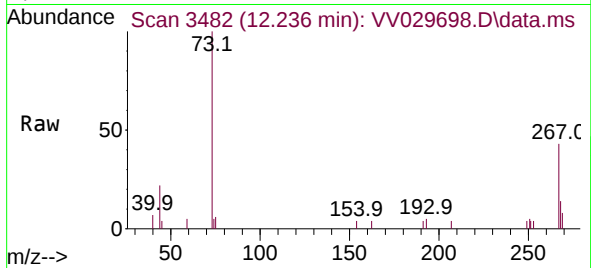




#68
1,2-Dibromo-3-chloropropane
Concen: 0.161 ug/L
RT: 12.236 min Scan# 34
Delta R.T. -0.180 min
Lab File: VV029698.D
Acq: 16 Dec 2022 15:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 242
Ion Ratio Lower Upper
75 100
155 0.0 76.6 115.0#
157 0.0 96.9 145.3#



#71
Naphthalene
Concen: 0.106 ug/L
RT: 13.496 min Scan# 3874
Delta R.T. 0.007 min
Lab File: VV029698.D
Acq: 16 Dec 2022 15:23

Tgt Ion: 128 Resp: 2044
Ion Ratio Lower Upper
128 100
129 8.7 8.9 13.3#
127 7.5 10.6 15.8#

