

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121622\
 Data File : VW029700.D
 Acq On : 16 Dec 2022 16:10
 Operator : SY/MD
 Sample : N6034-13DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 20:19:40 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)

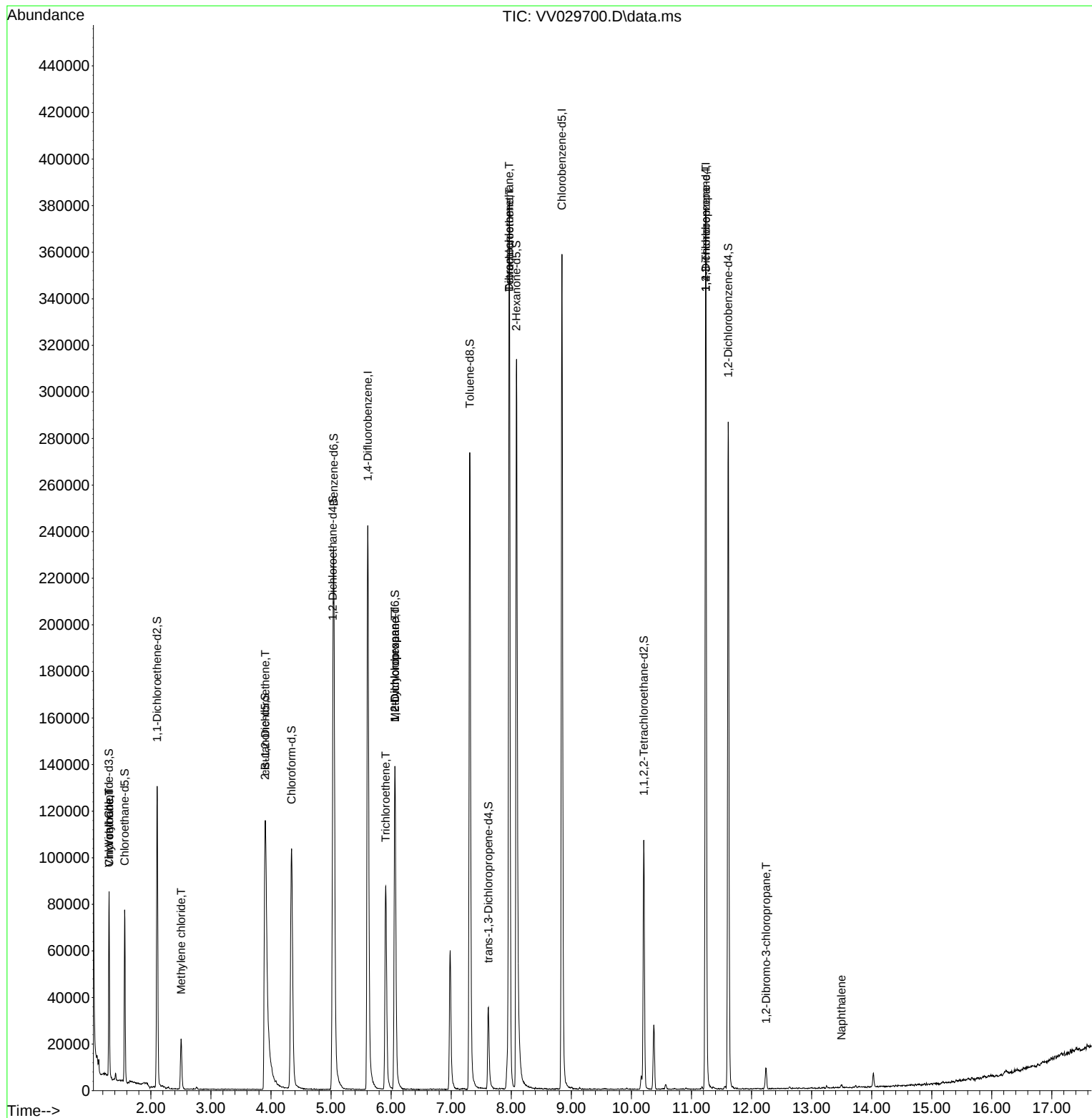
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	228544	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	213155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	104784	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	48781	3.468	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.565	69	46851	4.551	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.105	63	66661	2.962	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.200%#
20) 2-Butanone-d5	3.902	46	140546	59.735	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.460%
24) Chloroform-d	4.343	84	114146	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.031	65	53049	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.044	84	232199	3.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.063	67	75493	4.560	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.310	98	198319	3.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	7.619	79	22618	3.544	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.085	63	125711	55.258	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.520%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	54477	5.333	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	78328	4.279	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	2316	0.149	ug/L #	65
8) Chloroethane	1.307	64	1171	0.127	ug/L #	1
16) Methylene chloride	2.503	84	9434	0.525	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	32221	2.089	ug/L	97
34) Trichloroethene	5.908	95	33622	2.067	ug/L	94
35) Methylcyclohexane	6.063	83	17519	0.638	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	7526	0.501	ug/L #	85
47) Tetrachloroethene	7.969	164	90888	6.817	ug/L	97
49) Dibromochloromethane	7.966	129	81915	7.162	ug/L #	11
61) 1,2,3-Trichloropropane	11.239	75	11879	1.635	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.243	75	277	0.194	ug/L #	1
71) Naphthalene	13.500	128	1600	0.088	ug/L #	85

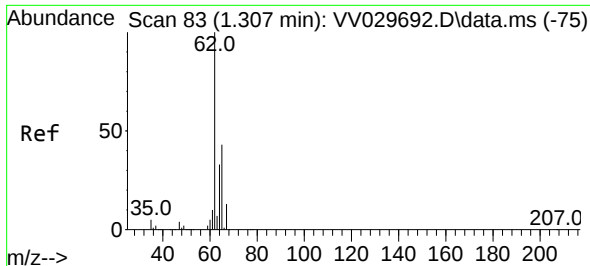
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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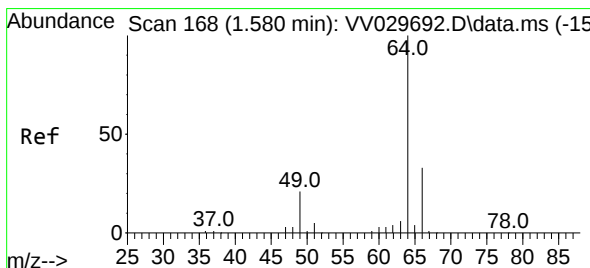
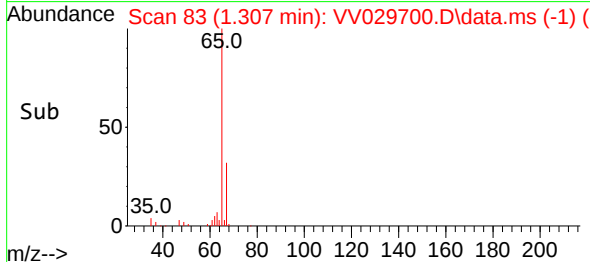
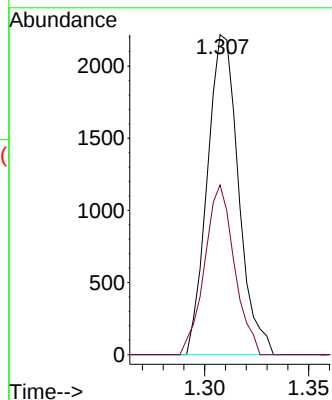
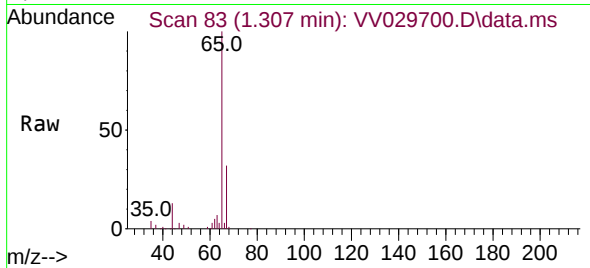




#5
 Vinyl chloride
 Concen: 0.149 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV029700.D
 Acq: 16 Dec 2022 16:10

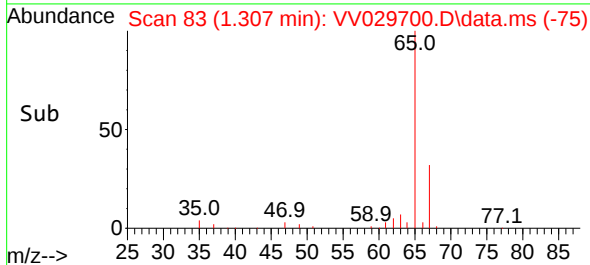
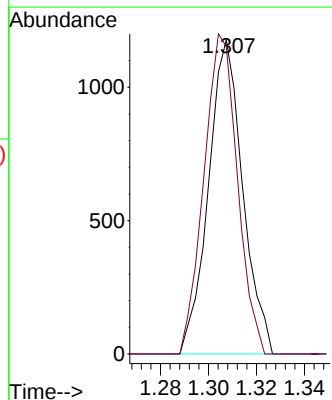
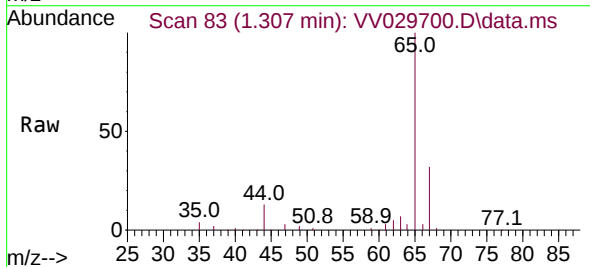
Instrument :
 MSVOA_V
 ClientSampleId :

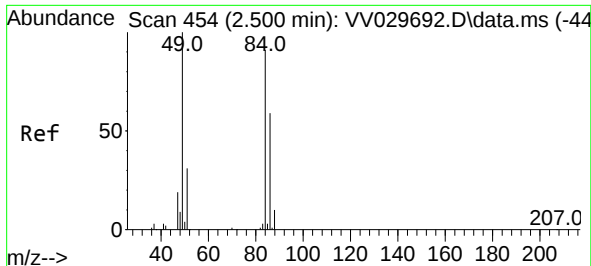
Tgt Ion: 62 Resp: 2316
 Ion Ratio Lower Upper
 62 100
 64 53.1 23.4 43.4#



#8
 Chloroethane
 Concen: 0.127 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.273 min
 Lab File: VV029700.D
 Acq: 16 Dec 2022 16:10

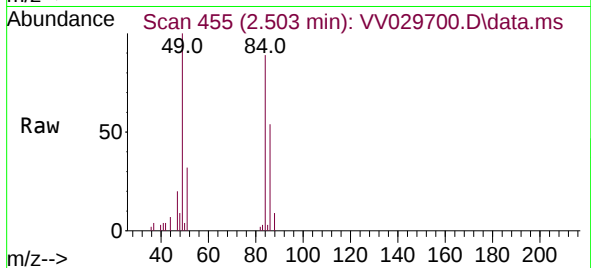
Tgt Ion: 64 Resp: 1171
 Ion Ratio Lower Upper
 64 100
 66 98.0 23.5 43.7#



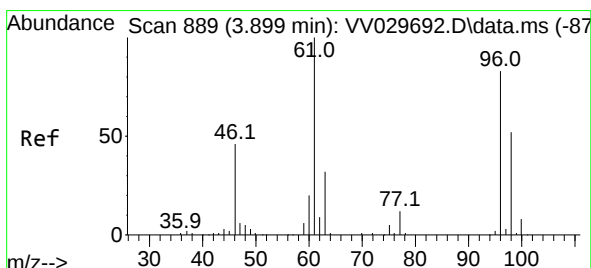
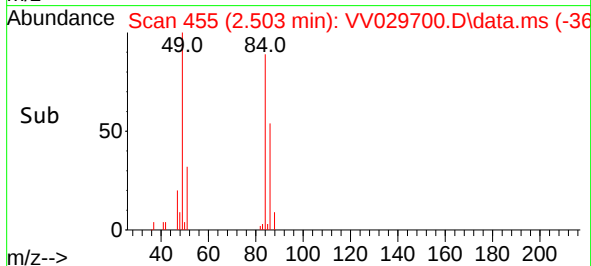
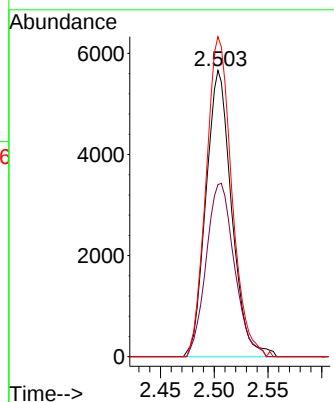


#16
Methylene chloride
Concen: 0.525 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029700.D
Acq: 16 Dec 2022 16:10

Instrument :
MSVOA_V
ClientSampleId :

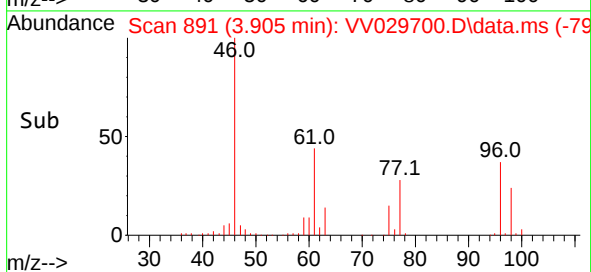
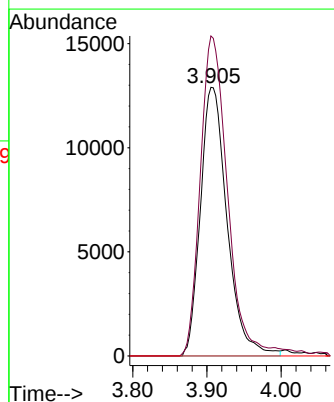
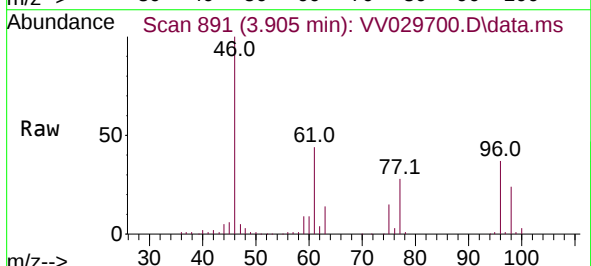


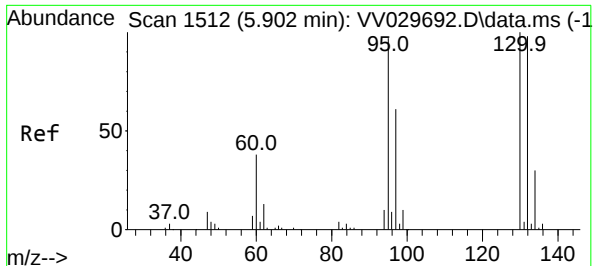
Tgt Ion: 84 Resp: 9434
Ion Ratio Lower Upper
84 100
86 60.2 45.6 84.6
49 111.8 77.8 144.4



#22
cis-1,2-Dichloroethene
Concen: 2.089 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.007 min
Lab File: VV029700.D
Acq: 16 Dec 2022 16:10

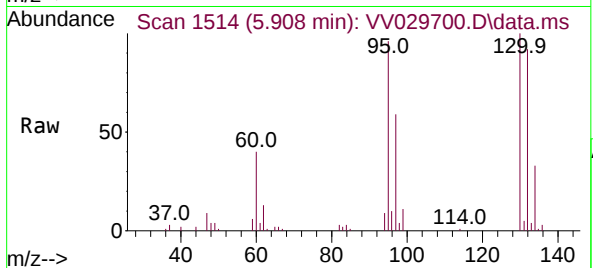
Tgt Ion: 96 Resp: 32221
Ion Ratio Lower Upper
96 100
61 119.1 85.8 159.3
68 0.0 0.0 0.0





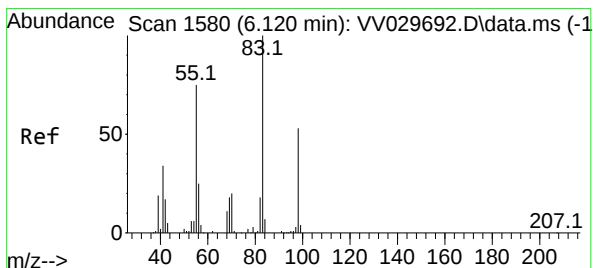
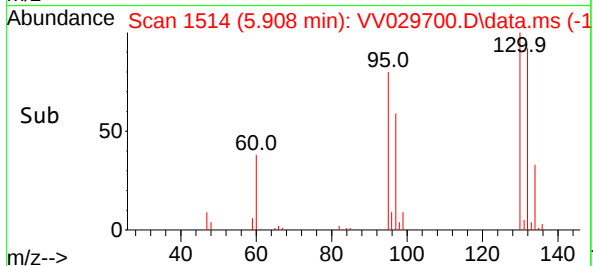
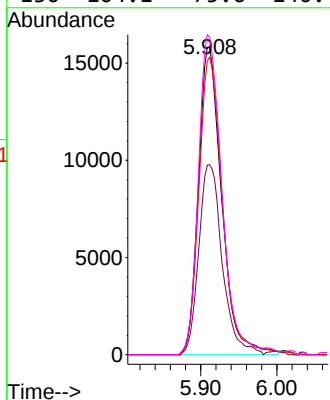
#34
Trichloroethene
Concen: 2.067 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV029700.D
Acq: 16 Dec 2022 16:10

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 33622

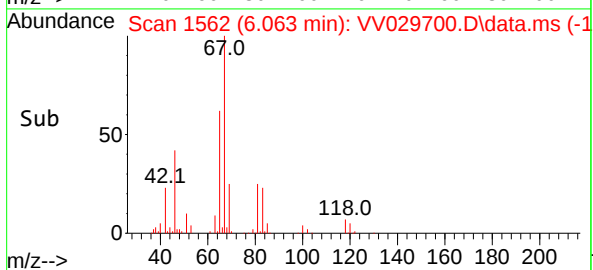
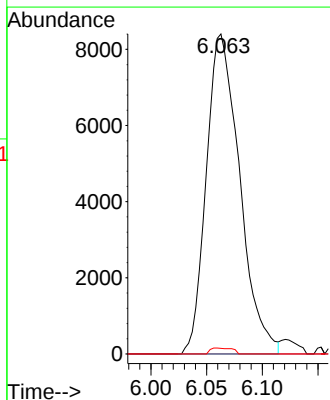
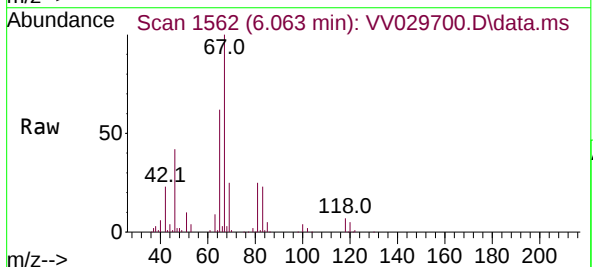
Ion	Ratio	Lower	Upper
95	100		
97	61.7	45.4	84.4
132	95.6	73.3	136.1
130	104.1	75.6	140.4

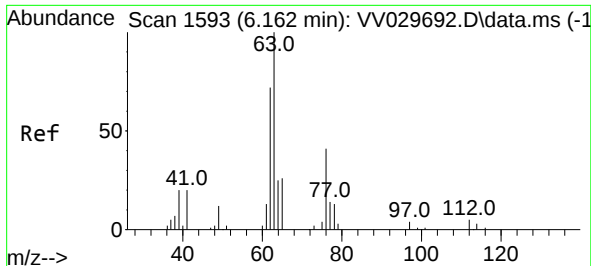


#35
Methylcyclohexane
Concen: 0.638 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029700.D
Acq: 16 Dec 2022 16:10

Tgt Ion: 83 Resp: 17519

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.4	83.2#
98	1.2	39.4	59.2#





#37

1,2-Dichloropropane

Concen: 0.501 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.099 min

Lab File: VV029700.D

Acq: 16 Dec 2022 16:10

Instrument :

MSVOA_V

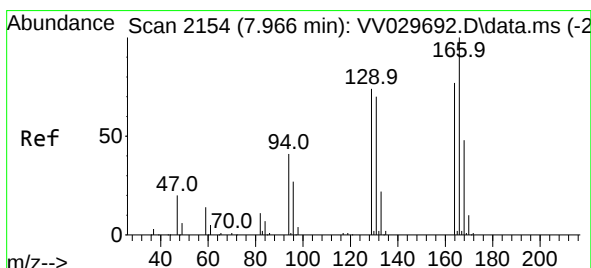
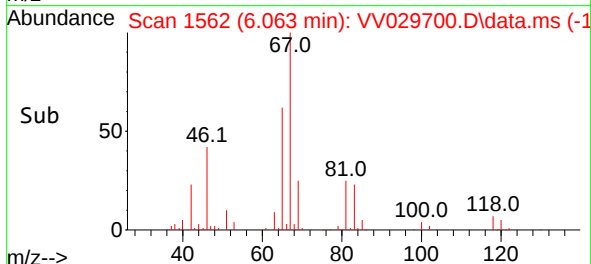
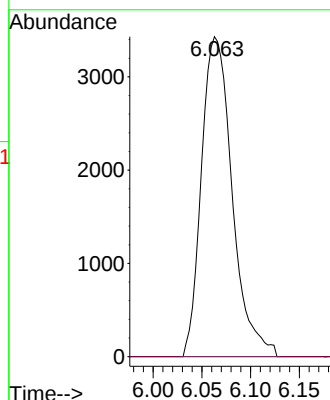
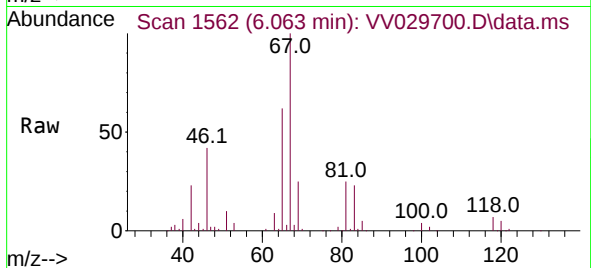
ClientSampleId :

Tgt Ion: 63 Resp: 7526

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#47

Tetrachloroethene

Concen: 6.817 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.004 min

Lab File: VV029700.D

Acq: 16 Dec 2022 16:10

Tgt Ion: 164 Resp: 90888

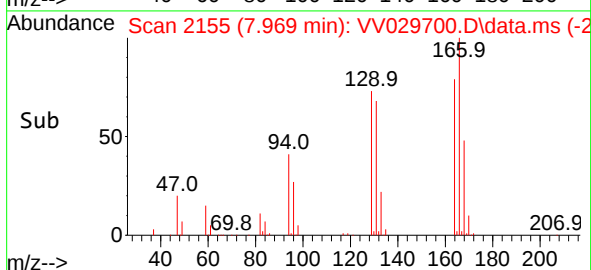
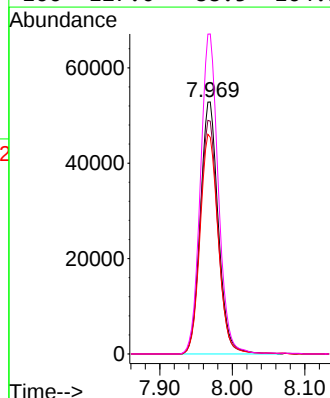
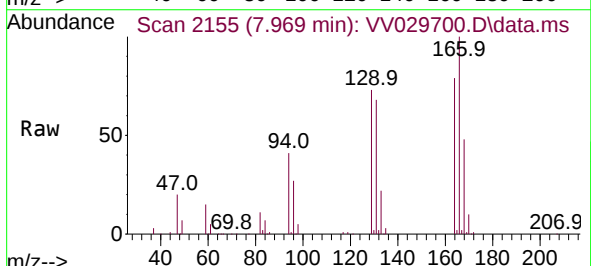
Ion Ratio Lower Upper

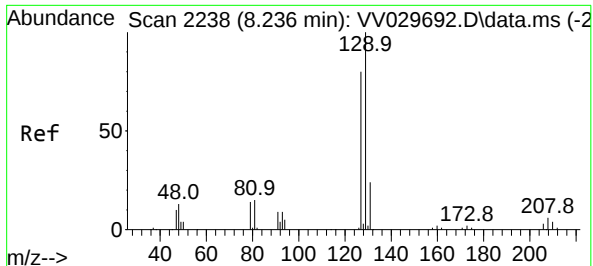
164 100

129 92.4 61.7 114.7

131 85.9 62.9 116.9

166 127.0 88.5 164.3





#49

Dibromochloromethane

Concen: 7.162 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.270 min

Lab File: VV029700.D

Acq: 16 Dec 2022 16:10

Instrument :

MSVOA_V

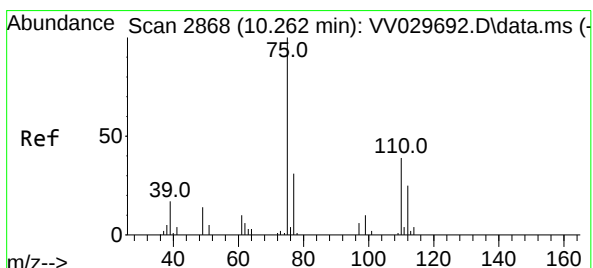
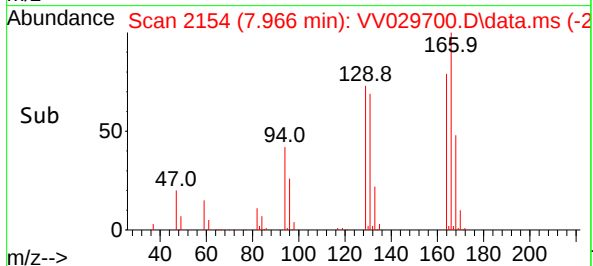
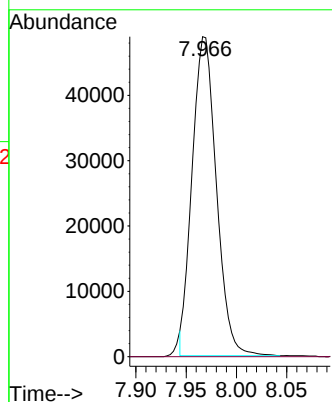
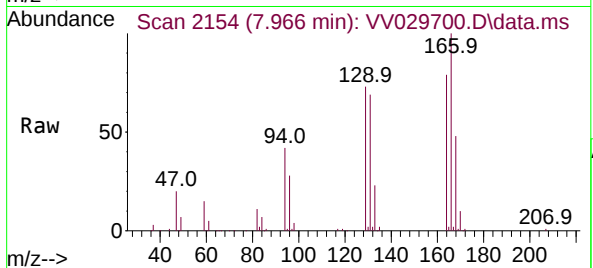
ClientSampleId :

Tgt Ion:129 Resp: 81915

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.7#



#61

1,2,3-Trichloropropane

Concen: 1.635 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.978 min

Lab File: VV029700.D

Acq: 16 Dec 2022 16:10

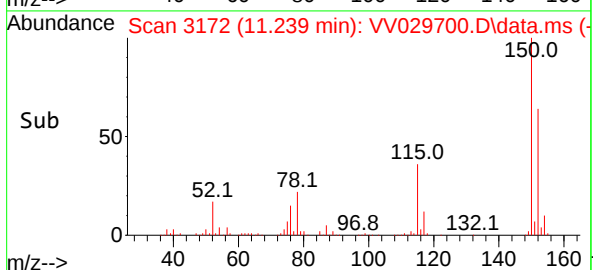
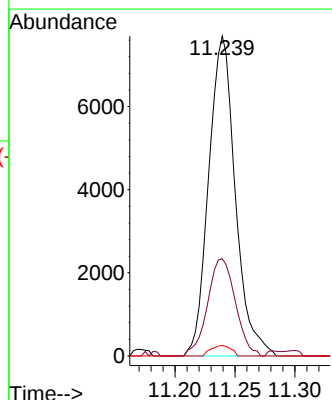
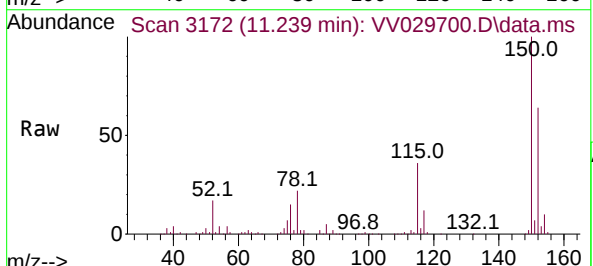
Tgt Ion: 75 Resp: 11879

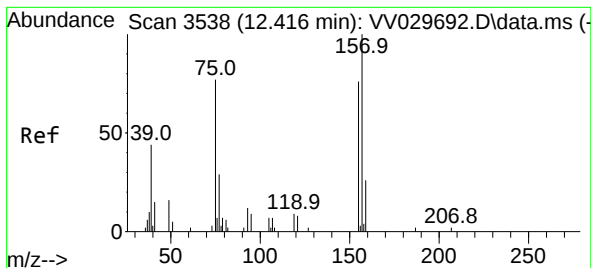
Ion Ratio Lower Upper

75 100

77 31.8 26.7 40.1

110 2.4 32.2 48.4#

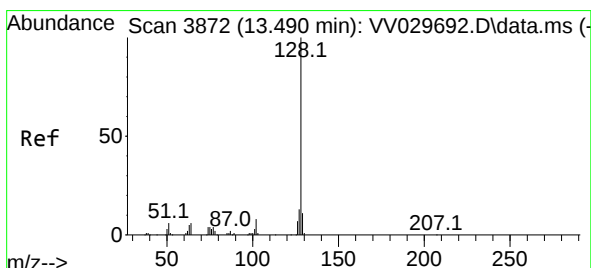
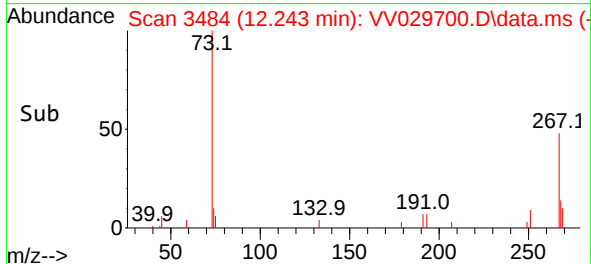
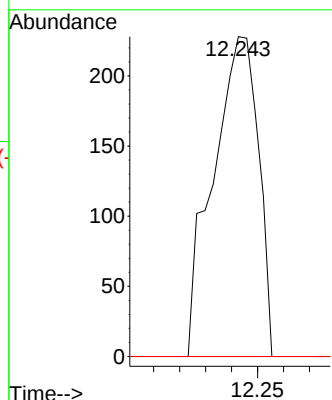
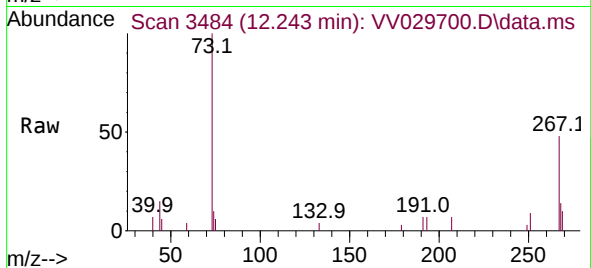




#68
1,2-Dibromo-3-chloropropane
Concen: 0.194 ug/L
RT: 12.243 min Scan# 34
Delta R.T. -0.173 min
Lab File: VV029700.D
Acq: 16 Dec 2022 16:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 277
Ion Ratio Lower Upper
75 100
155 0.0 76.6 115.0#
157 0.0 96.9 145.3#



#71
Naphthalene
Concen: 0.088 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.010 min
Lab File: VV029700.D
Acq: 16 Dec 2022 16:10

Tgt Ion: 128 Resp: 1600
Ion Ratio Lower Upper
128 100
129 10.4 8.9 13.3
127 2.6 10.6 15.8#

