

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027763.D
 Acq On : 07 Sep 2022 00:09
 Operator : SY/MD
 Sample : N4402-15DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD4DL

Quant Time: Sep 07 06:32:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 06:13:02 2022
 Response via : Initial Calibration

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

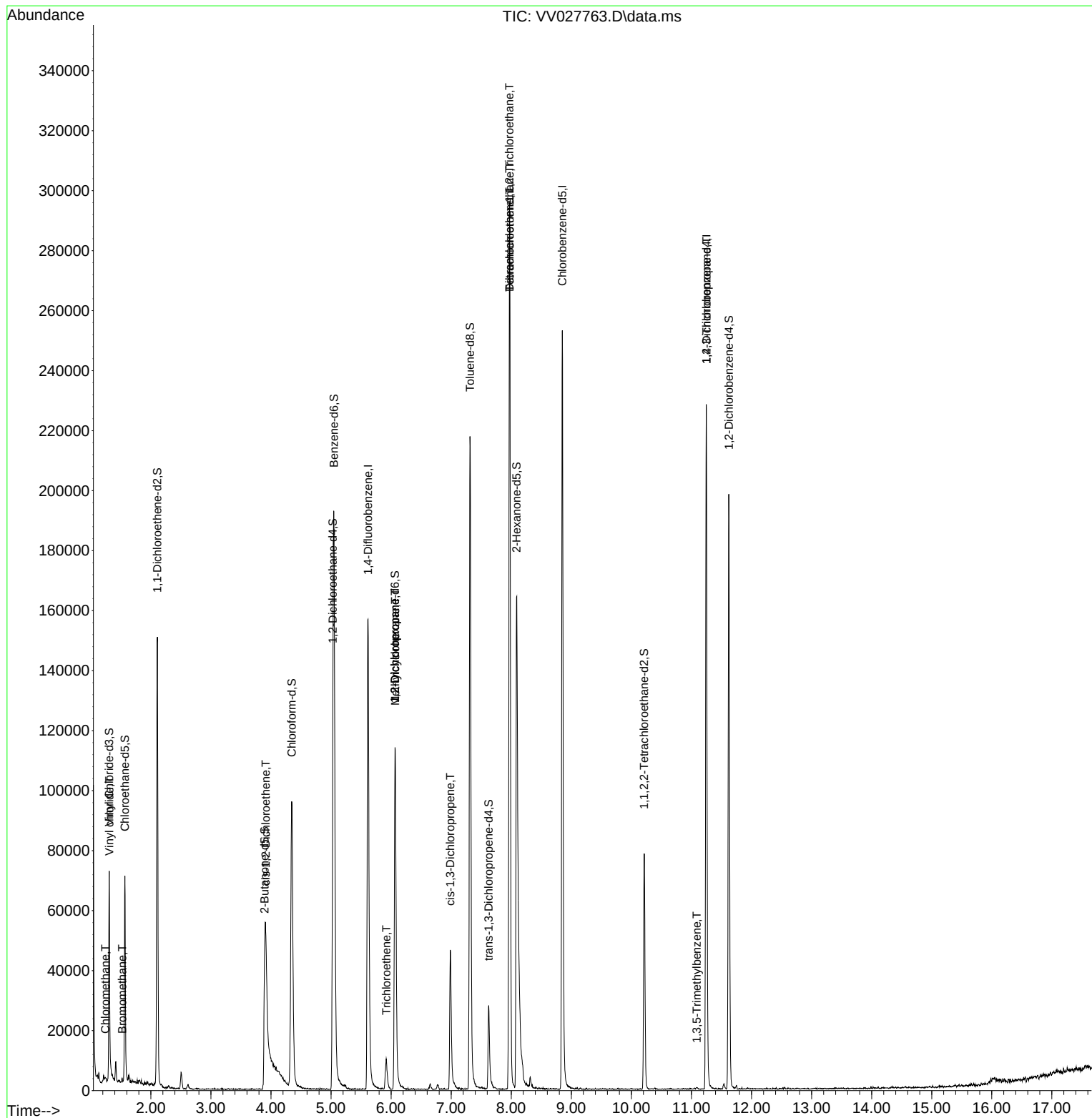
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	142382	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.850	117	141476	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64025	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49169	5.239	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.800%		
7) Chloroethane-d5	1.568	69	44041	5.532	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.600%		
11) 1,1-Dichloroethene-d2	2.108	63	79825	4.008	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 80.200%		
20) 2-Butanone-d5	3.892	46	66102	31.780	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	= 63.560%		
24) Chloroform-d	4.346	84	100268	5.218	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.400%		
26) 1,2-Dichloroethane-d4	5.031	65	50684	4.953	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.000%		
32) Benzene-d6	5.047	84	182352	4.443	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	= 88.800%		
36) 1,2-Dichloropropane-d6	6.066	67	53819	4.479	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 89.600%		
41) Toluene-d8	7.314	98	151140	4.379	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 87.600%		
43) trans-1,3-Dichloroprop...	7.625	79	17212	4.270	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 85.400%		
46) 2-Hexanone-d5	8.088	63	71527	47.731	ug/L	-0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	= 95.460%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36853	4.776	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 95.600%		
66) 1,2-Dichlorobenzene-d4	11.622	152	53115	5.050	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 101.000%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	826	0.065	ug/L	95
5) Vinyl chloride	1.311	62	531	0.041	ug/L #	1
6) Bromomethane	1.523	94	430	0.062	ug/L #	39
22) cis-1,2-Dichloroethene	3.912	96	11393	1.049	ug/L #	88
34) Trichloroethene	5.921	95	3439	0.294	ug/L	84
35) Methylcyclohexane	6.069	83	13907	0.774	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	6527	0.589	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	1384	0.099	ug/L #	50
45) 1,1,2-Trichloroethane	7.969	97	581	0.081	ug/L #	16
47) Tetrachloroethene	7.973	164	67514	7.194	ug/L	96
49) Dibromochloromethane	7.973	129	48715	5.341	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6789	1.339	ug/L #	59
62) 1,3,5-Trimethylbenzene	11.088	105	751	0.067	ug/L #	28

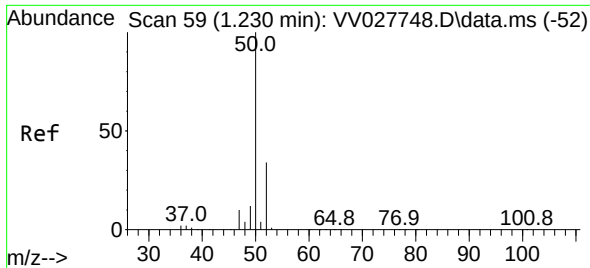
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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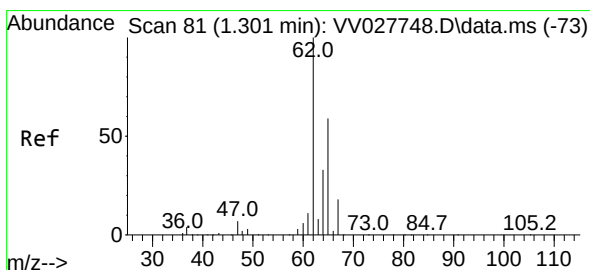
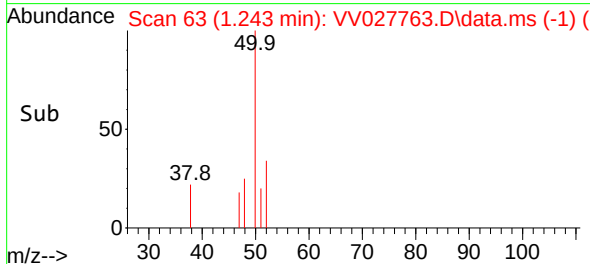
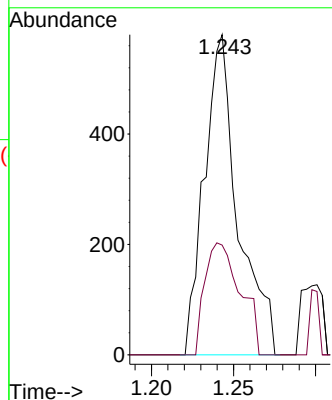
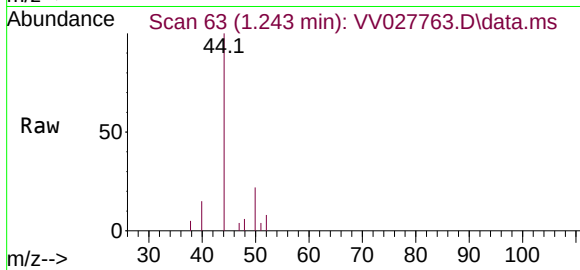




#3
Chloromethane
Concen: 0.065 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.013 min
Lab File: VV027763.D
Acq: 07 Sep 2022 00:09

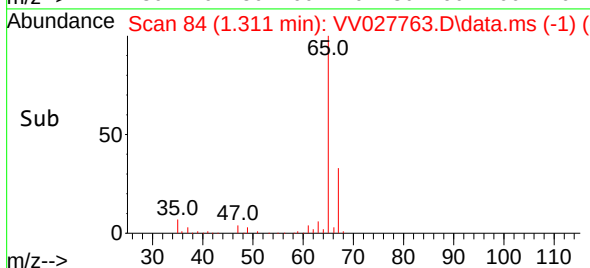
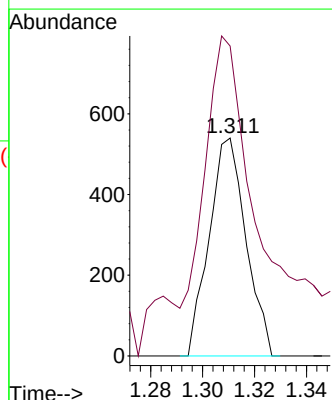
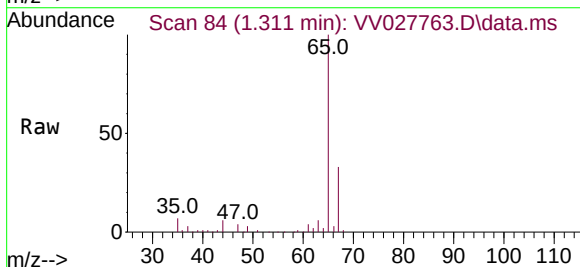
Instrument :
MSVOA_V
ClientSampleId :
DBVD4DL

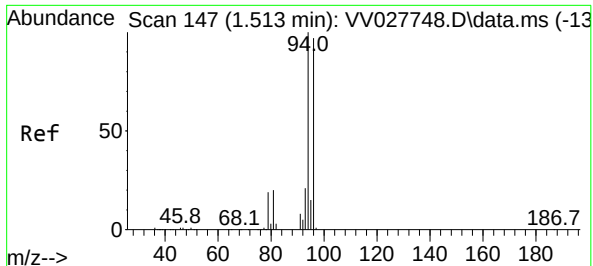
Tgt Ion: 50 Resp: 826
Ion Ratio Lower Upper
50 100
52 34.3 22.1 41.1



#5
Vinyl chloride
Concen: 0.041 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.010 min
Lab File: VV027763.D
Acq: 07 Sep 2022 00:09

Tgt Ion: 62 Resp: 531
Ion Ratio Lower Upper
62 100
64 142.2 23.2 43.2#

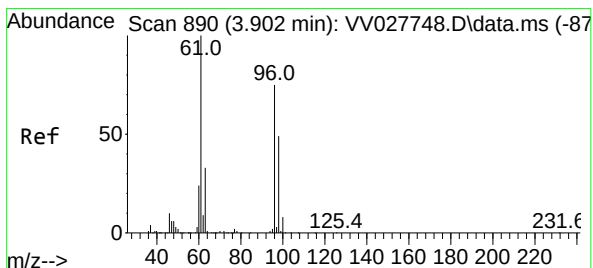
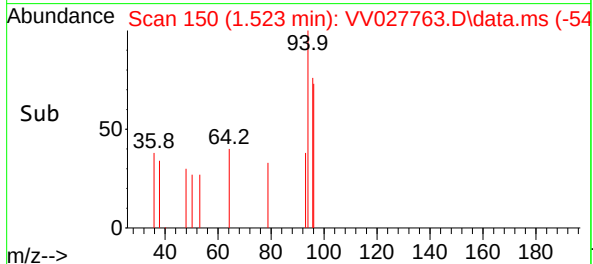
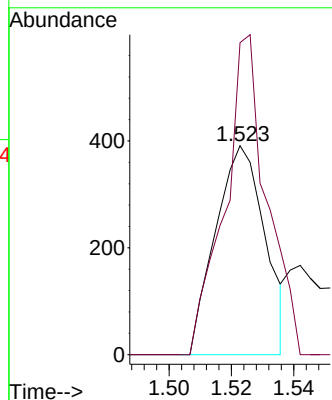
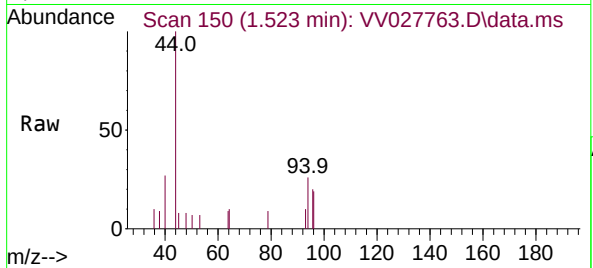




#6
Bromomethane
Concen: 0.062 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV027763.D
Acq: 07 Sep 2022 00:09

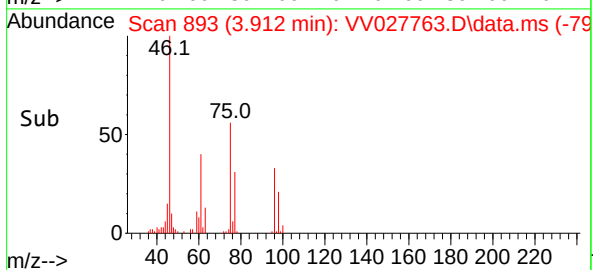
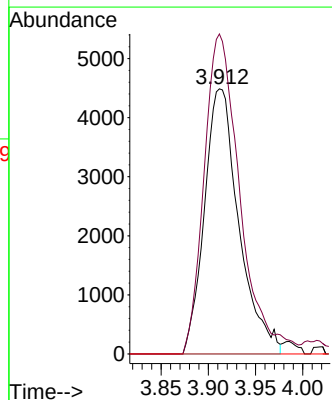
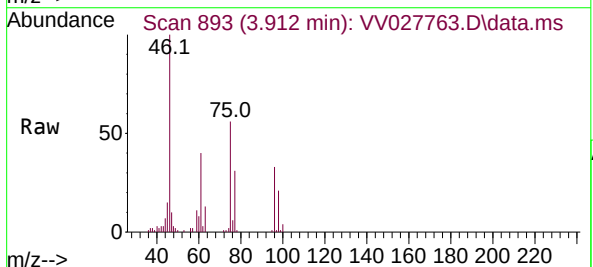
Instrument :
MSVOA_V
ClientSampleId :
DBVD4DL

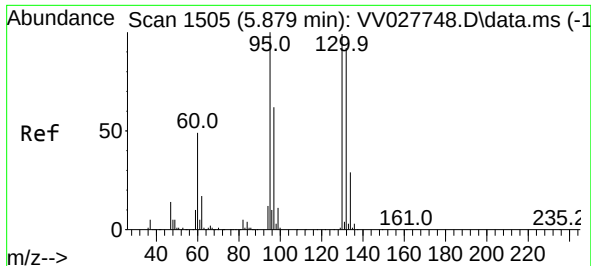
Tgt Ion: 94 Resp: 430
Ion Ratio Lower Upper
94 100
96 149.4 64.2 119.2#



#22
cis-1,2-Dichloroethene
Concen: 1.049 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.010 min
Lab File: VV027763.D
Acq: 07 Sep 2022 00:09

Tgt Ion: 96 Resp: 11393
Ion Ratio Lower Upper
96 100
61 120.7 94.6 175.6
68 0.0 0.3 0.5#





#34

Trichloroethene

Concen: 0.294 ug/L

RT: 5.921 min Scan# 11

Delta R.T. 0.042 min

Lab File: VV027763.D

Acq: 07 Sep 2022 00:09

Instrument :

MSVOA_V

ClientSampleId :

DBVD4DL

Tgt Ion: 95 Resp: 3439

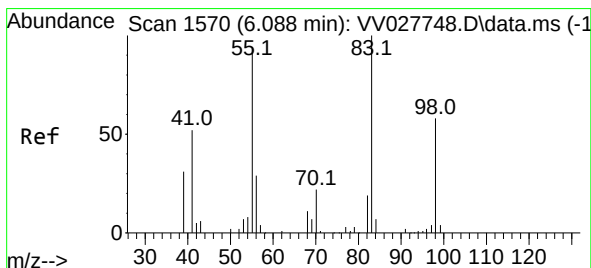
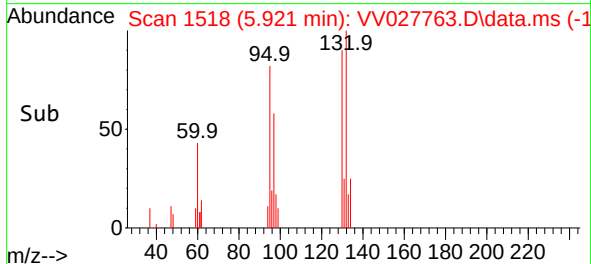
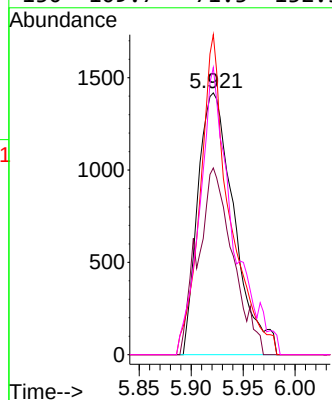
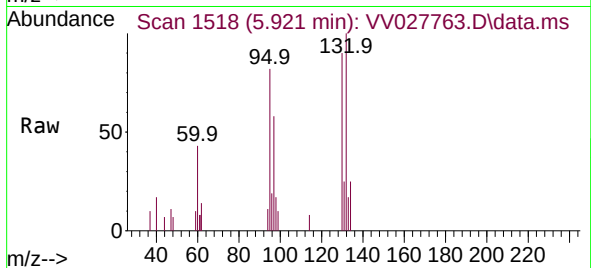
Ion Ratio Lower Upper

95 100

97 71.3 42.9 79.7

132 122.2 67.9 126.1

130 109.7 71.3 132.3



#35

Methylcyclohexane

Concen: 0.774 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.019 min

Lab File: VV027763.D

Acq: 07 Sep 2022 00:09

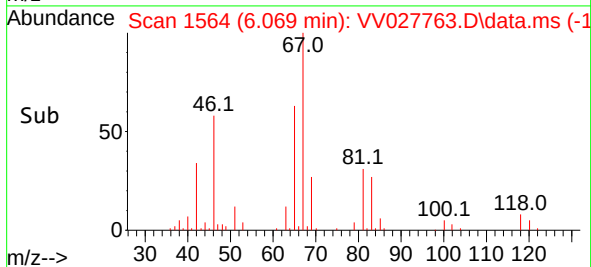
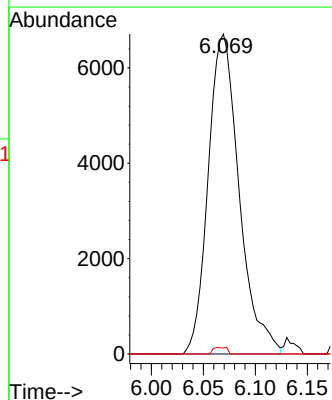
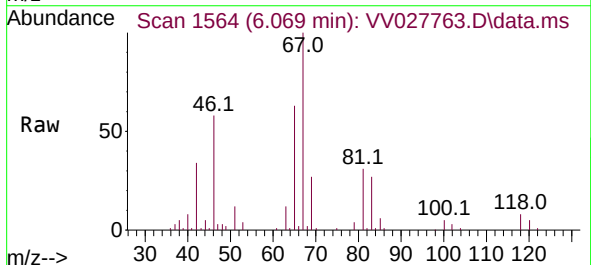
Tgt Ion: 83 Resp: 13907

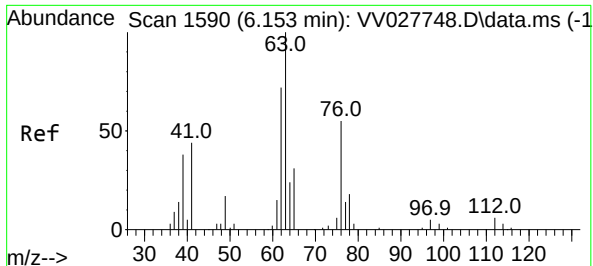
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.9 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.589 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.087 min

Lab File: VV027763.D

Acq: 07 Sep 2022 00:09

Instrument :

MSVOA_V

ClientSampleId :

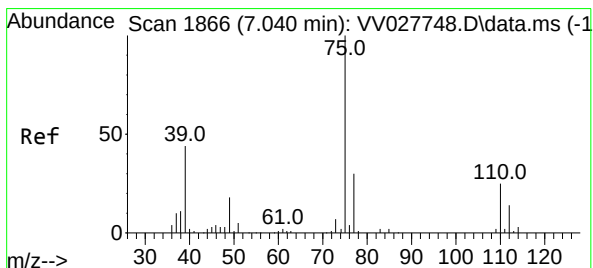
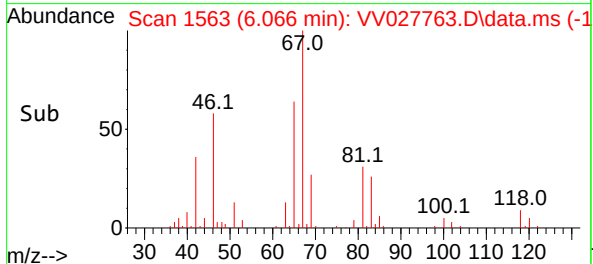
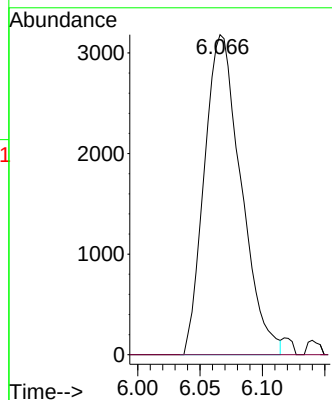
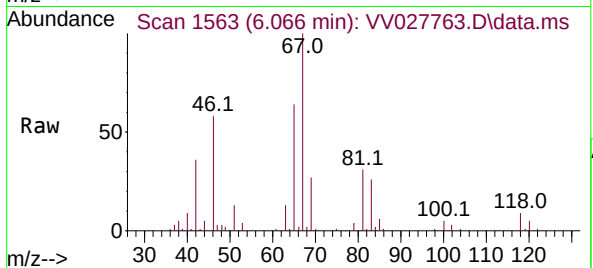
DBVD4DL

Tgt Ion: 63 Resp: 6527

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.054 min

Lab File: VV027763.D

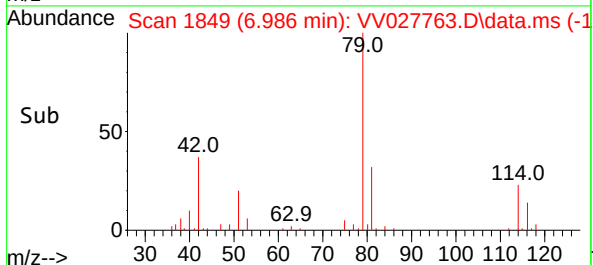
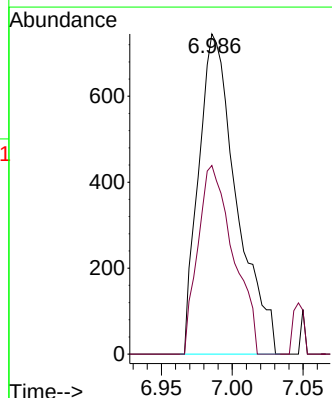
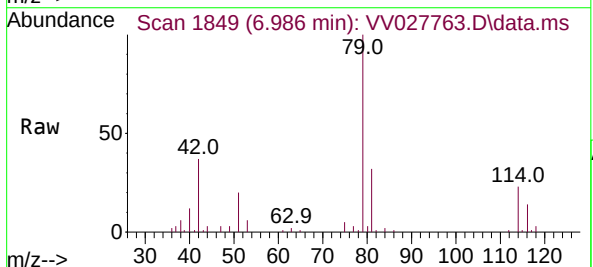
Acq: 07 Sep 2022 00:09

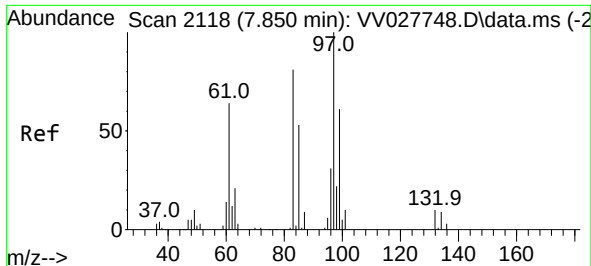
Tgt Ion: 75 Resp: 1384

Ion Ratio Lower Upper

75 100

77 58.9 22.0 40.8#





#45

1,1,2-Trichloroethane

Concen: 0.081 ug/L

RT: 7.969 min Scan# 2115

Delta R.T. 0.119 min

Lab File: VV027763.D

Acq: 07 Sep 2022 00:09

Instrument :

MSVOA_V

ClientSampleId :

DBVD4DL

Tgt Ion: 97 Resp: 581

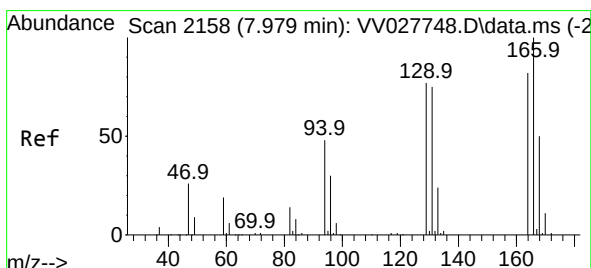
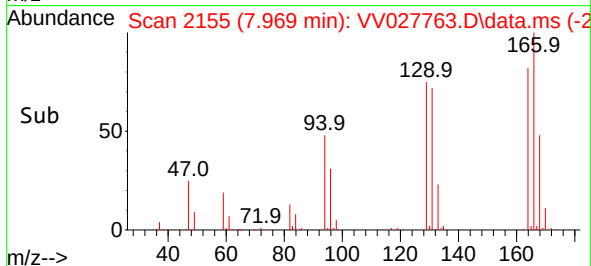
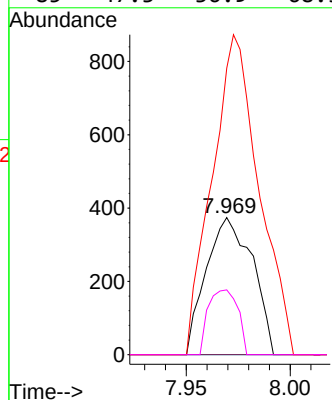
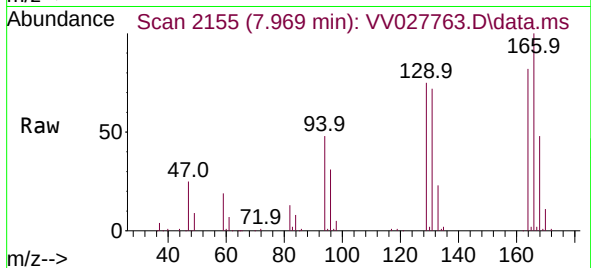
Ion Ratio Lower Upper

97 100

99 0.0 44.2 82.0#

83 209.1 60.3 112.1#

85 47.3 36.9 68.5



#47

Tetrachloroethene

Concen: 7.194 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.006 min

Lab File: VV027763.D

Acq: 07 Sep 2022 00:09

Tgt Ion:164 Resp: 67514

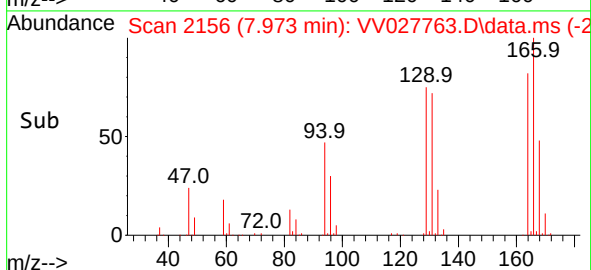
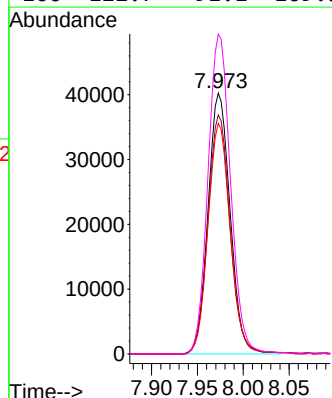
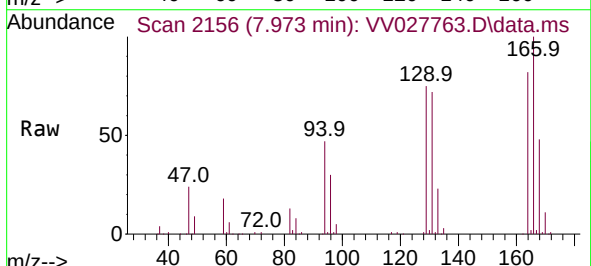
Ion Ratio Lower Upper

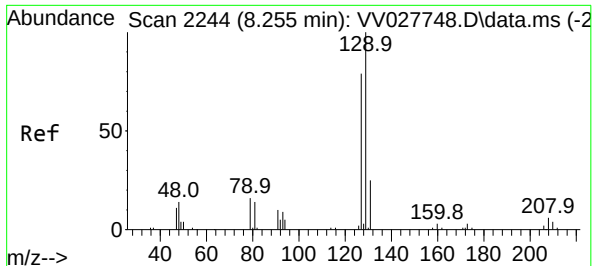
164 100

129 91.7 67.2 124.8

131 88.4 61.5 114.3

166 122.7 91.1 169.3





#49

Dibromochloromethane

Concen: 5.341 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.283 min

Lab File: VV027763.D

Acq: 07 Sep 2022 00:09

Instrument :

MSVOA_V

ClientSampleId :

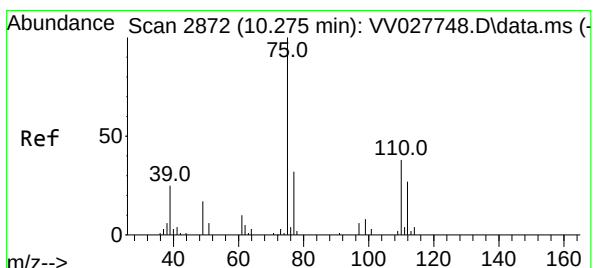
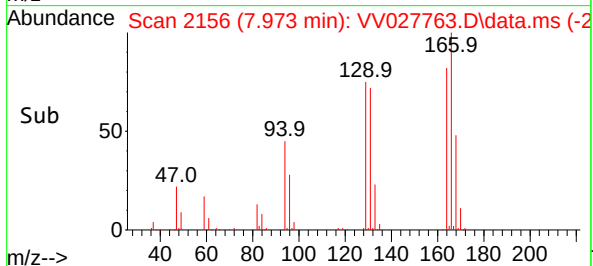
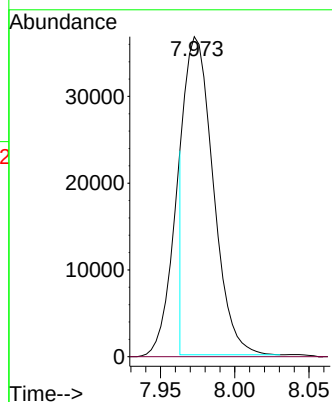
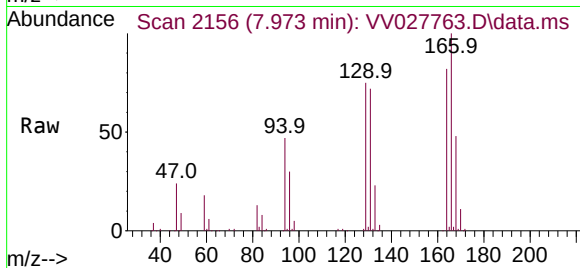
DBVD4DL

Tgt Ion:129 Resp: 48715

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#61

1,2,3-Trichloropropane

Concen: 1.339 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV027763.D

Acq: 07 Sep 2022 00:09

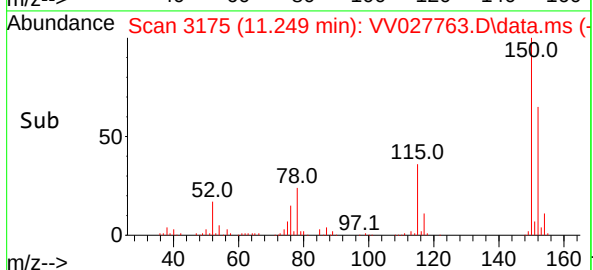
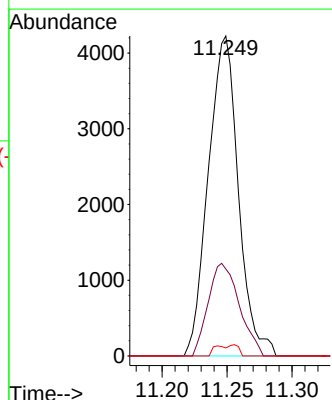
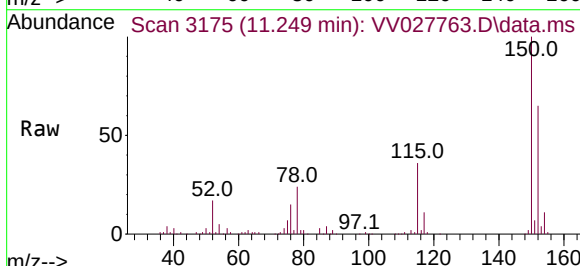
Tgt Ion: 75 Resp: 6789

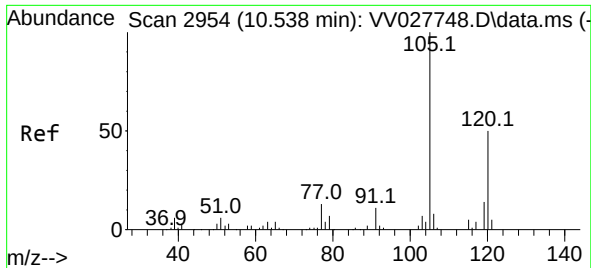
Ion Ratio Lower Upper

75 100

77 30.0 27.6 41.4

110 1.4 35.6 53.4#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.067 ug/L
 RT: 11.088 min Scan# 31
 Delta R.T. 0.550 min
 Lab File: VV027763.D
 Acq: 07 Sep 2022 00:09

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD4DL

Tgt Ion:105 Resp: 751
 Ion Ratio Lower Upper
 105 100
 120 0.0 39.6 59.4#

