

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027761.D
 Acq On : 06 Sep 2022 23:20
 Operator : SY/MD
 Sample : N4402-12DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVB5DL

Quant Time: Sep 07 06:31:42 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)

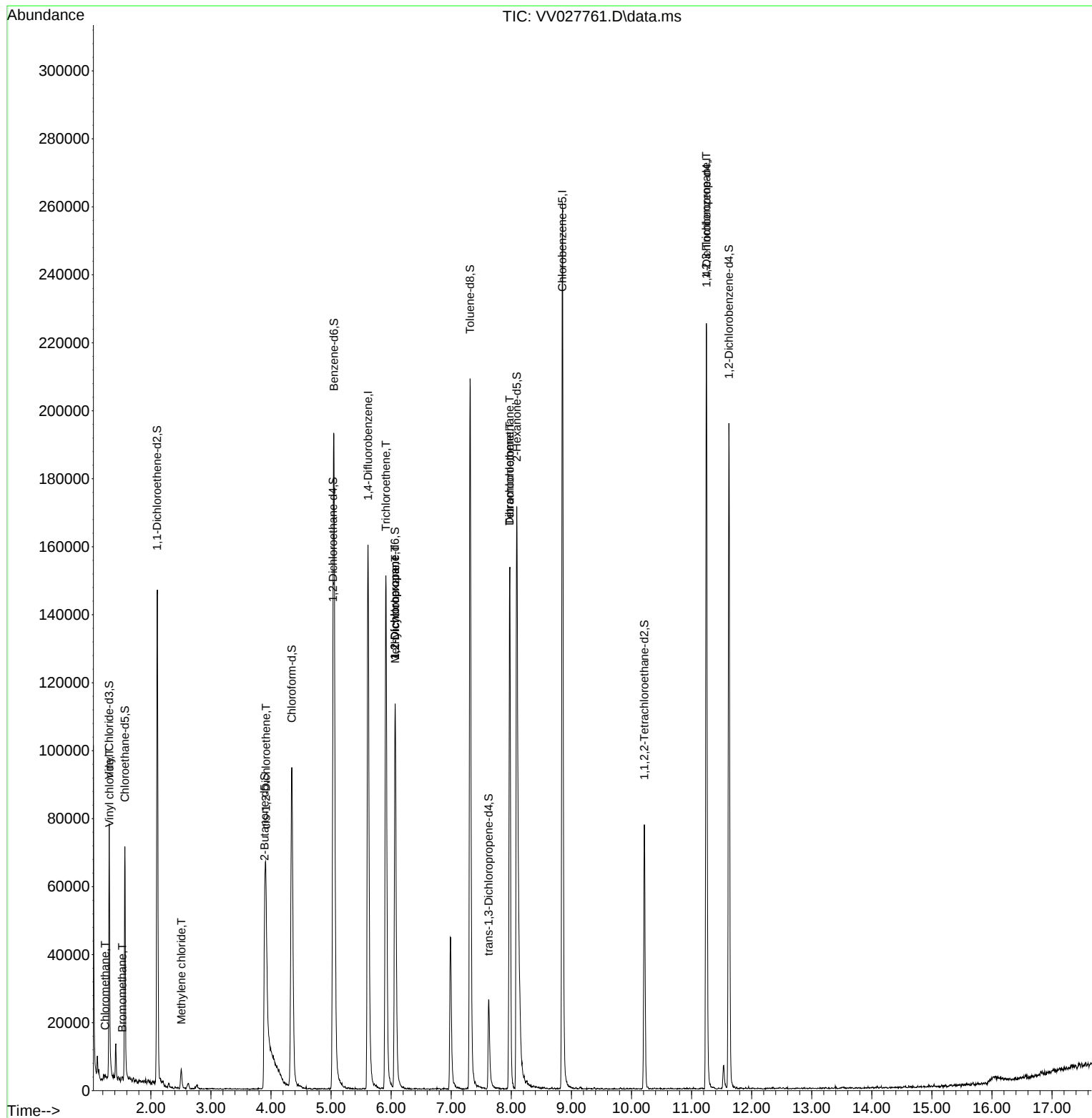
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	142743	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.850	117	144720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63585	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49343	5.244	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.800%		
7) Chloroethane-d5	1.568	69	44183	5.535	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.800%		
11) 1,1-Dichloroethene-d2	2.105	63	77635	3.888	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 77.800%		
20) 2-Butanone-d5	3.892	46	65713	31.513	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	= 63.020%		
24) Chloroform-d	4.346	84	98884	5.133	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.600%		
26) 1,2-Dichloroethane-d4	5.031	65	49083	4.784	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 95.600%		
32) Benzene-d6	5.047	84	180762	4.305	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	= 86.200%		
36) 1,2-Dichloropropane-d6	6.066	67	52118	4.240	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 84.800%		
41) Toluene-d8	7.313	98	144816	4.102	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 82.000%		
43) trans-1,3-Dichloroprop...	7.622	79	16891	4.096	ug/L	-0.01
Spiked Amount	5.000	Range 55 - 130	Recovery	= 82.000%		
46) 2-Hexanone-d5	8.092	63	71535	46.667	ug/L	-0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	= 93.340%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36013	4.562	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 91.200%		
66) 1,2-Dichlorobenzene-d4	11.622	152	51919	4.971	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 99.400%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	848	0.066	ug/L	100
5) Vinyl chloride	1.311	62	2429	0.189	ug/L #	62
6) Bromomethane	1.523	94	466	0.067	ug/L	92
16) Methylene chloride	2.507	84	2363	0.194	ug/L	91
22) cis-1,2-Dichloroethene	3.915	96	18354	1.686	ug/L #	95
34) Trichloroethene	5.912	95	54092	4.522	ug/L	96
35) Methylcyclohexane	6.069	83	14057	0.765	ug/L #	19
37) 1,2-Dichloropropane	6.066	63	6479	0.571	ug/L #	85
47) Tetrachloroethene	7.973	164	35229	3.670	ug/L	96
49) Dibromochloromethane	7.973	129	26086	2.796	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	6416	1.274	ug/L #	59

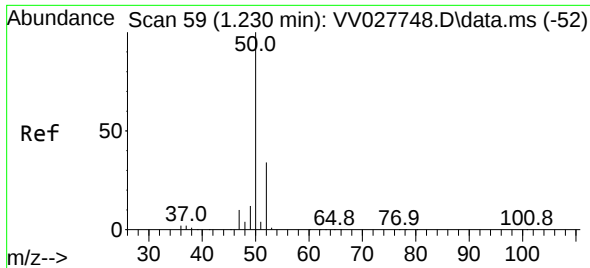
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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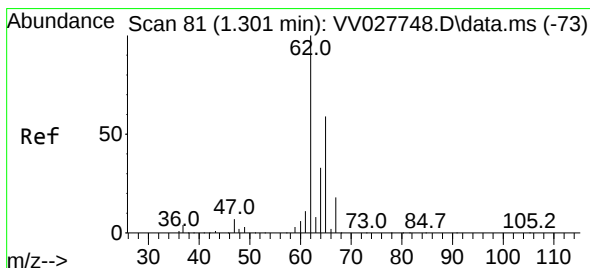
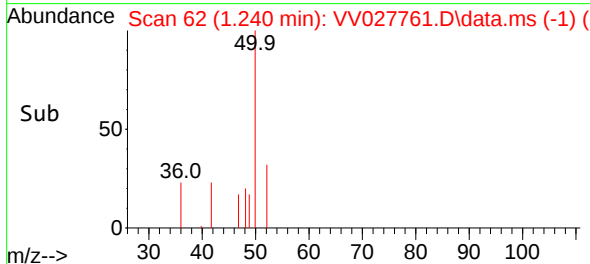
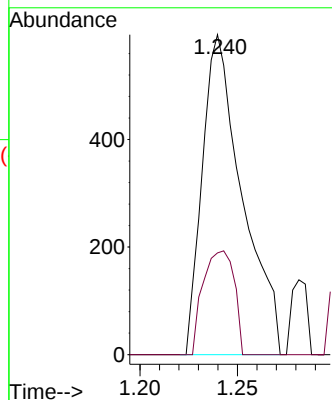
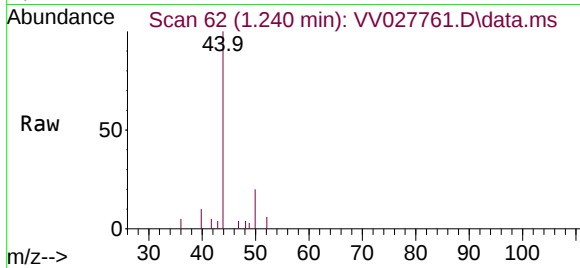




#3
Chloromethane
Concen: 0.066 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV027761.D
Acq: 06 Sep 2022 23:20

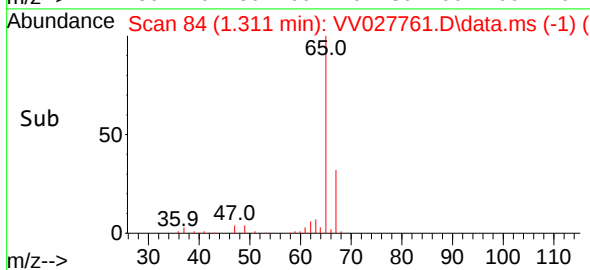
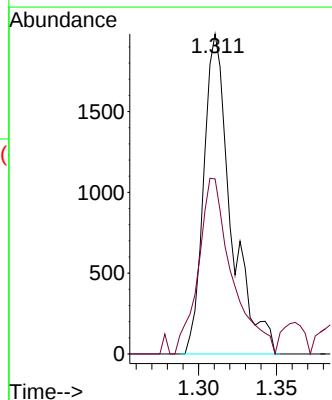
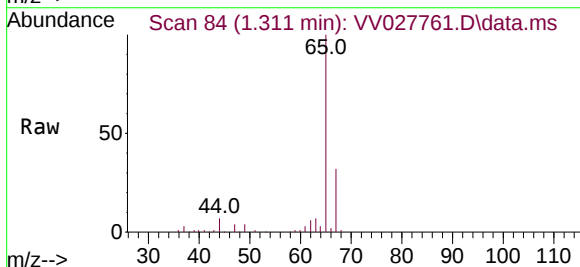
Instrument :
MSVOA_V
ClientSampleId :
DBVB5DL

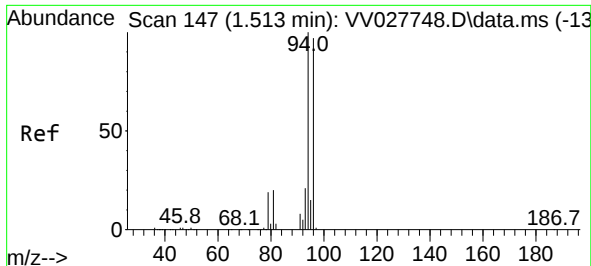
Tgt Ion: 50 Resp: 848
Ion Ratio Lower Upper
50 100
52 31.8 22.1 41.1



#5
Vinyl chloride
Concen: 0.189 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.010 min
Lab File: VV027761.D
Acq: 06 Sep 2022 23:20

Tgt Ion: 62 Resp: 2429
Ion Ratio Lower Upper
62 100
64 54.7 23.2 43.2#

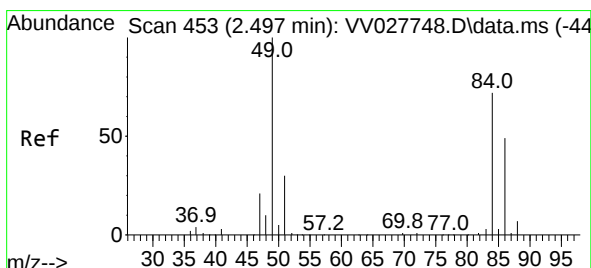
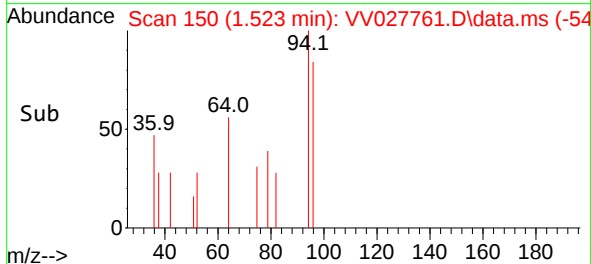
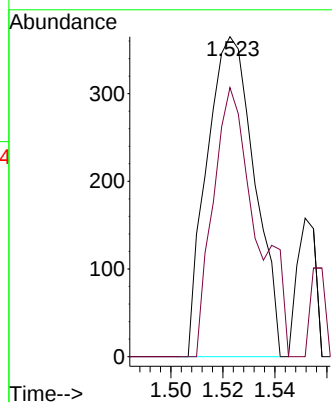
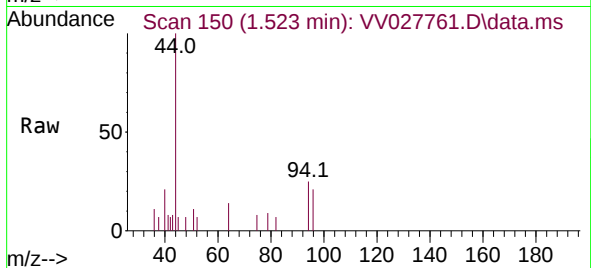




#6
Bromomethane
Concen: 0.067 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV027761.D
Acq: 06 Sep 2022 23:20

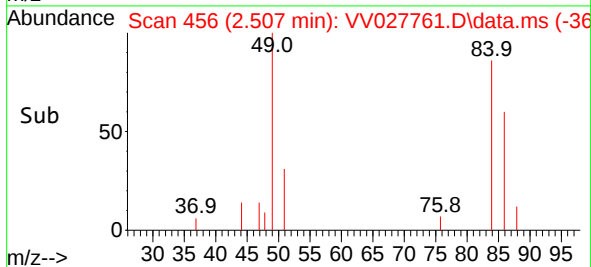
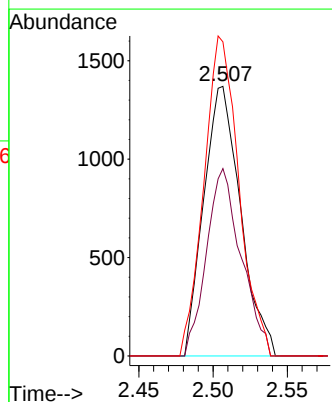
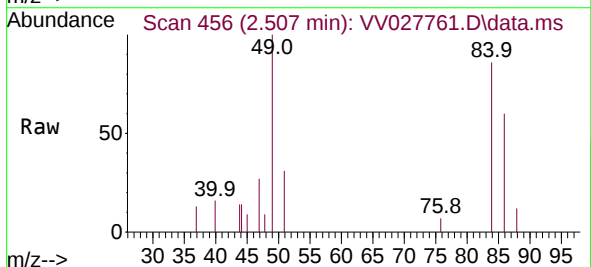
Instrument :
MSVOA_V
ClientSampleId :
DBVB5DL

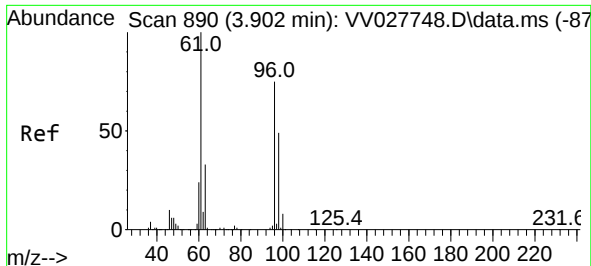
Tgt Ion: 94 Resp: 466
Ion Ratio Lower Upper
94 100
96 84.1 64.2 119.2



#16
Methylene chloride
Concen: 0.194 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.010 min
Lab File: VV027761.D
Acq: 06 Sep 2022 23:20

Tgt Ion: 84 Resp: 2363
Ion Ratio Lower Upper
84 100
86 69.5 44.9 83.3
49 116.5 90.1 167.3

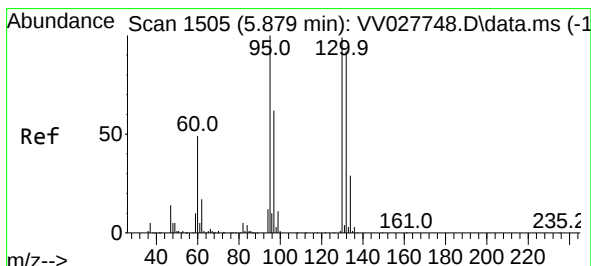
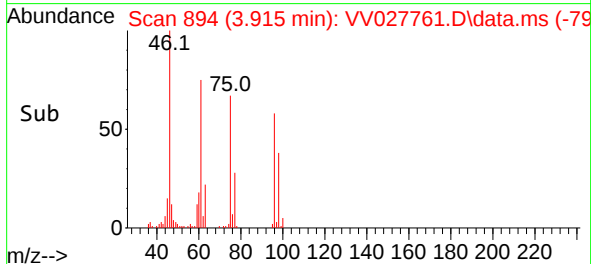
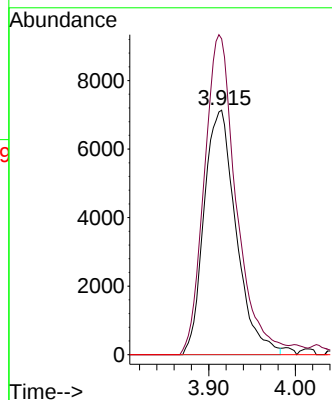
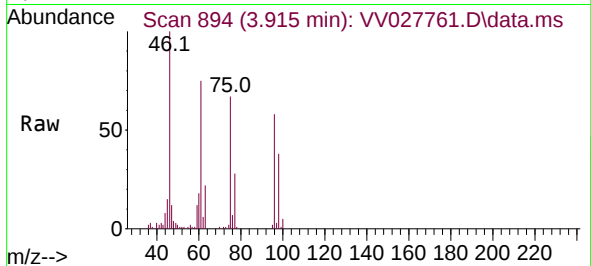




#22
 cis-1,2-Dichloroethene
 Concen: 1.686 ug/L
 RT: 3.915 min Scan# 89
 Delta R.T. 0.013 min
 Lab File: VV027761.D
 Acq: 06 Sep 2022 23:20

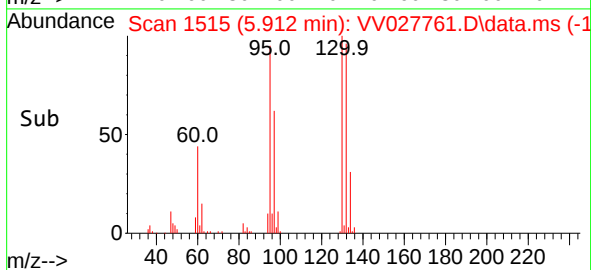
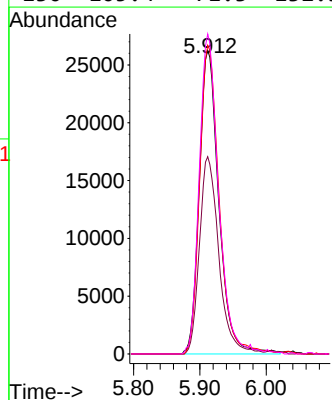
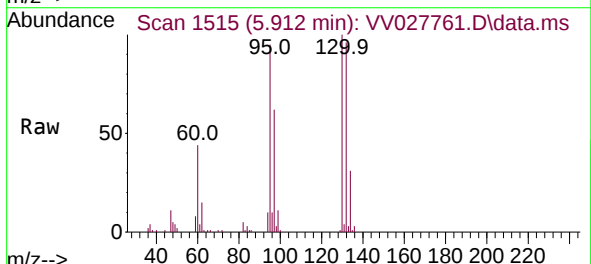
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVB5DL

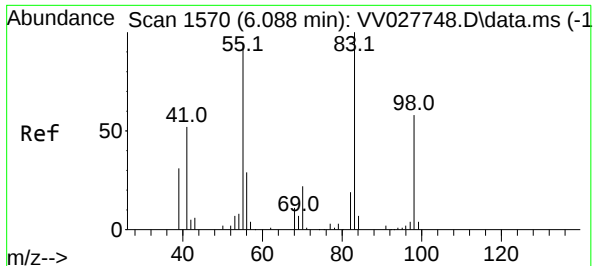
Tgt Ion: 96 Resp: 18354
 Ion Ratio Lower Upper
 96 100
 61 129.2 94.6 175.6
 68 0.0 0.3 0.5#



#34
 Trichloroethene
 Concen: 4.522 ug/L
 RT: 5.912 min Scan# 1515
 Delta R.T. 0.032 min
 Lab File: VV027761.D
 Acq: 06 Sep 2022 23:20

Tgt Ion: 95 Resp: 54092
 Ion Ratio Lower Upper
 95 100
 97 65.0 42.9 79.7
 132 101.7 67.9 126.1
 130 105.4 71.3 132.3





#35

Methylcyclohexane

Concen: 0.765 ug/L

RT: 6.069 min Scan# 1563

Delta R.T. -0.019 min

Lab File: VV027761.D

Acq: 06 Sep 2022 23:20

Instrument :

MSVOA_V

ClientSampleId :

DBVB5DL

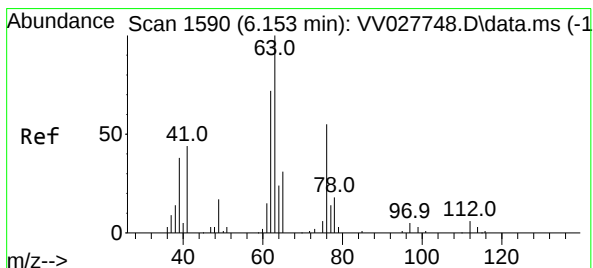
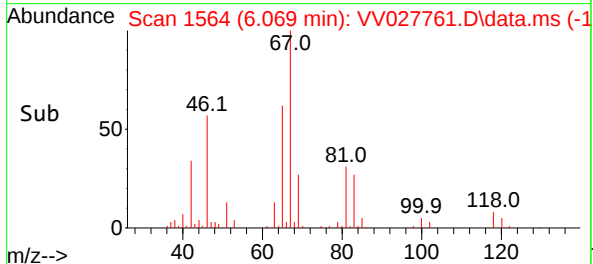
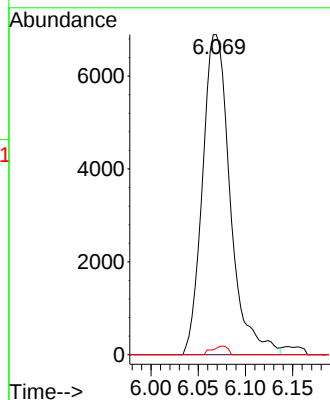
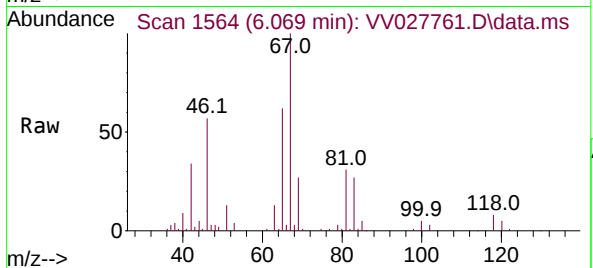
Tgt Ion: 83 Resp: 14057

Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 1.5 37.5 56.3#



#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.087 min

Lab File: VV027761.D

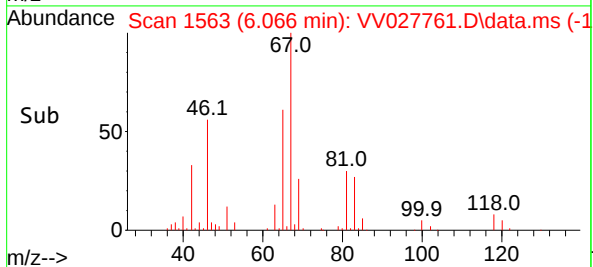
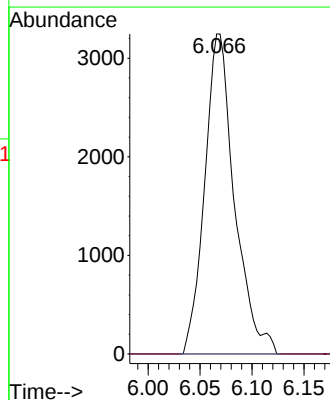
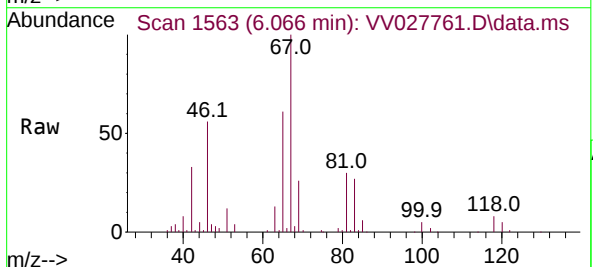
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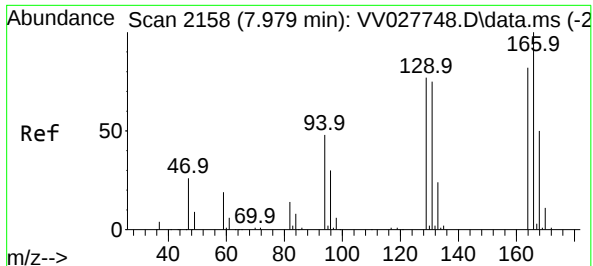
Tgt Ion: 63 Resp: 6479

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#47

Tetrachloroethene

Concen: 3.670 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.006 min

Lab File: VV027761.D

Acq: 06 Sep 2022 23:20

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Tgt Ion:164 Resp: 35229

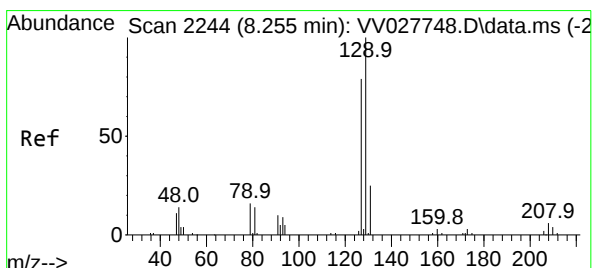
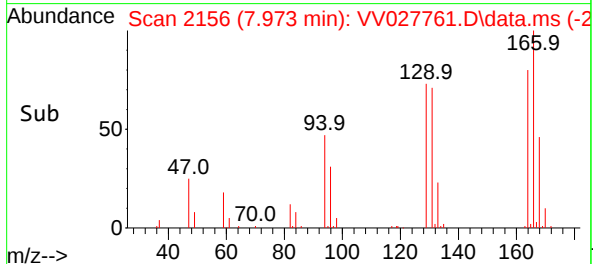
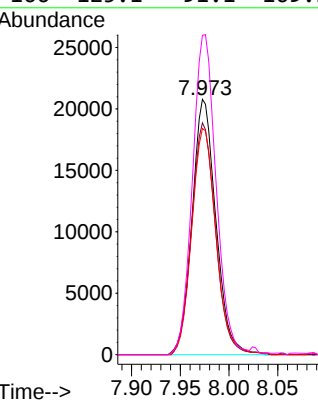
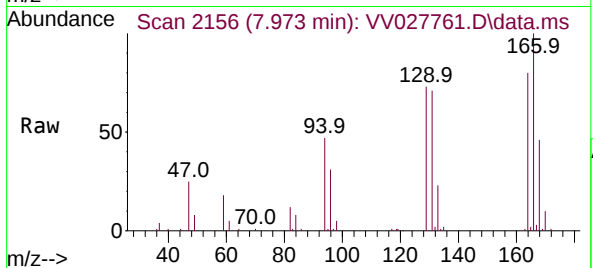
Ion Ratio Lower Upper

164 100

129 90.8 67.2 124.8

131 88.6 61.5 114.3

166 125.1 91.1 169.3



#49

Dibromochloromethane

Concen: 2.796 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.283 min

Lab File: VV027761.D

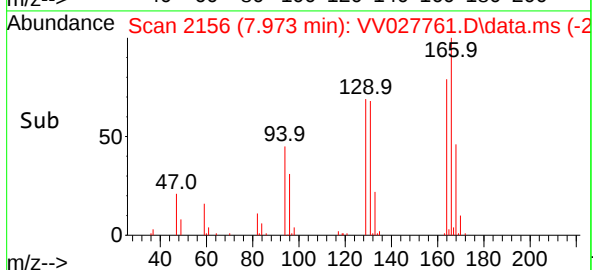
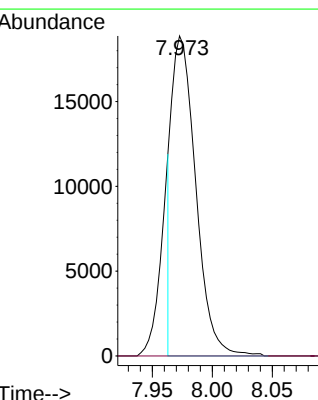
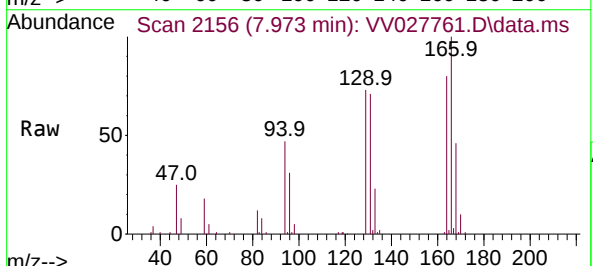
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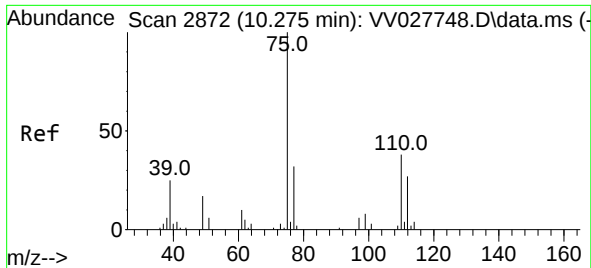
Tgt Ion:129 Resp: 26086

Ion Ratio Lower Upper

129 100

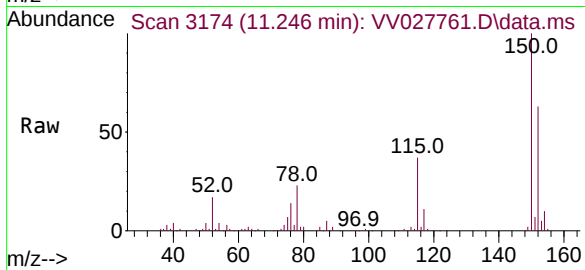
127 0.0 55.2 102.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.274 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV027761.D
 Acq: 06 Sep 2022 23:20

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 MSVOA_V
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Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.5	27.6	41.4
110	0.0	35.6	53.4

