

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101521\
 Data File : VW022841.D
 Acq On : 15 Oct 2021 17:07
 Operator : SY/MD
 Sample : M4167-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 16 05:29:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 05:27:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118398	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	120943	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57350	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38232	4.693	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.800%	
7) Chloroethane-d5	1.568	69	34889	4.766	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.400%	
11) 1,1-Dichloroethene-d2	2.108	63	52298	3.273	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.400%	
20) 2-Butanone-d5	3.889	46	106515	49.869	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.740%	
24) Chloroform-d	4.352	84	91331	5.441	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.800%	
26) 1,2-Dichloroethane-d4	5.037	65	42702	5.241	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.800%	
32) Benzene-d6	5.053	84	174435	4.845	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
36) 1,2-Dichloropropane-d6	6.072	67	57048	5.350	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.000%	
41) Toluene-d8	7.317	98	150402	4.832	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.600%	
43) trans-1,3-Dichloroprop...	7.629	79	17346	4.904	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.000%	
46) 2-Hexanone-d5	8.092	63	85194	59.768	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	119.540%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40187	5.564	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	62231	5.853	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	906	0.104	ug/L	100
12) 1,1-Dichloroethene	2.118	96	785	0.110	ug/L #	1
13) Acetone	2.182	43	31430	26.389	ug/L #	44
15) Methyl Acetate	2.661	43	1233	0.362	ug/L #	50
30) Cyclohexane	4.680	56	909	0.071	ug/L	94
34) Trichloroethene	5.915	95	151632	17.119	ug/L	99
35) Methylcyclohexane	6.072	83	13656	1.100	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	6312	0.806	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1339	0.129	ug/L #	62
42) Toluene	7.404	91	2157	0.065	ug/L	98
45) 1,1,2-Trichloroethane	7.857	97	421	0.072	ug/L	87
47) Tetrachloroethene	7.979	164	31489	4.396	ug/L	99
49) Dibromochloromethane	7.979	129	28964	4.256	ug/L #	7
51) Chlorobenzene	8.886	112	1625	0.075	ug/L	94
61) 1,2,3-Trichloropropane	11.249	75	6382	1.602	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	12.255	75	143	0.197	ug/L #	1

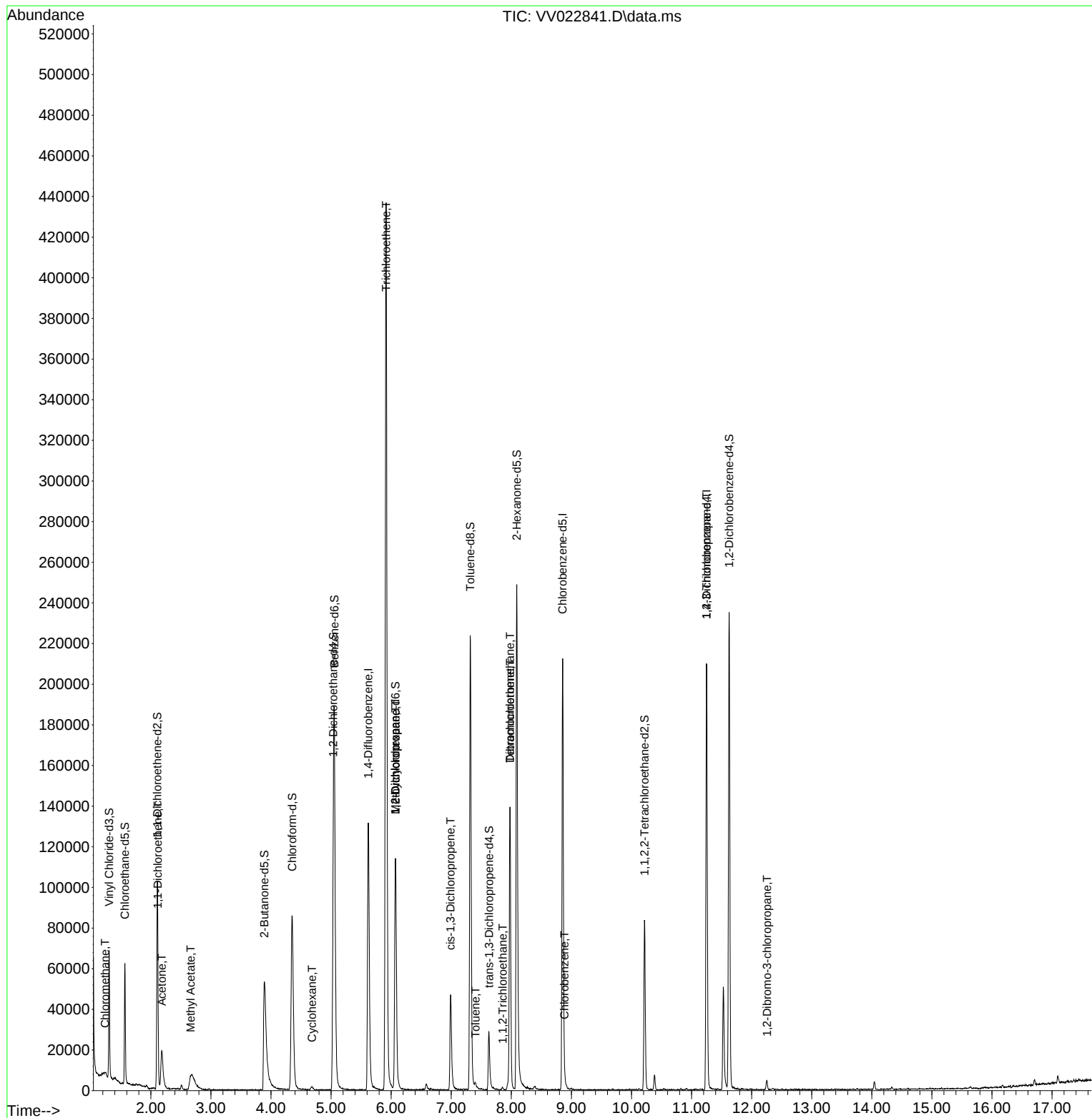
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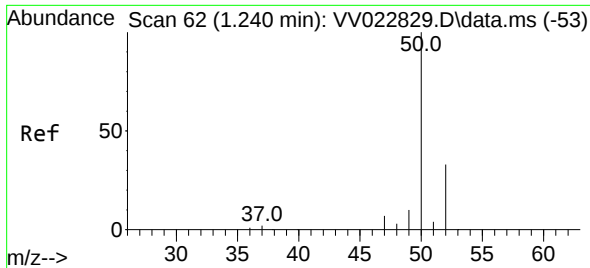
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101521\
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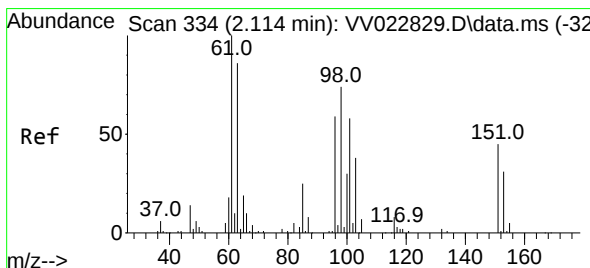
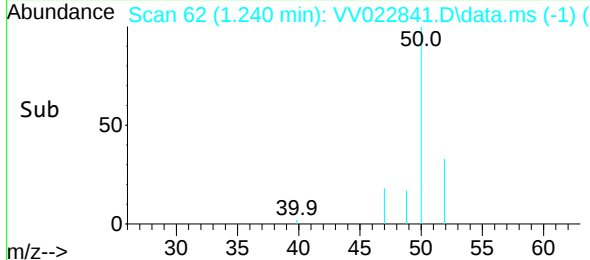
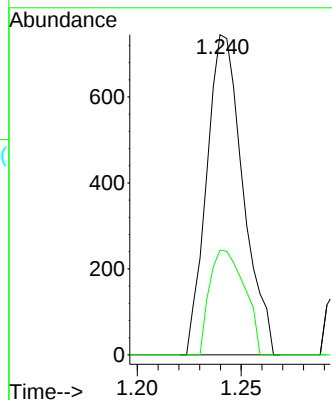
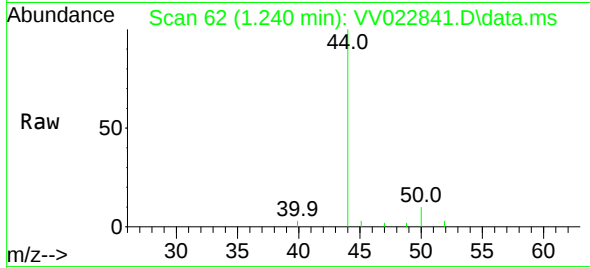




#3
Chloromethane
Concen: 0.104 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022841.D
Acq: 15 Oct 2021 17:07

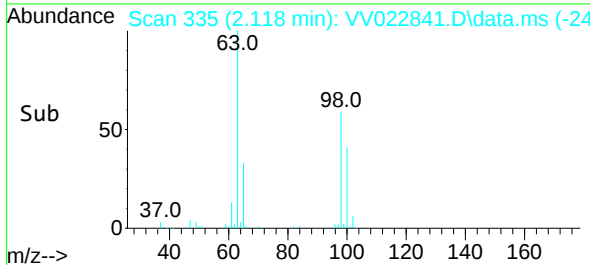
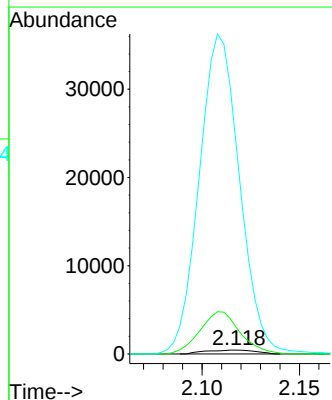
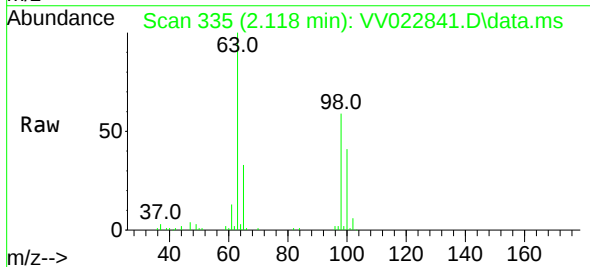
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MSVOA_V
ClientSampled :

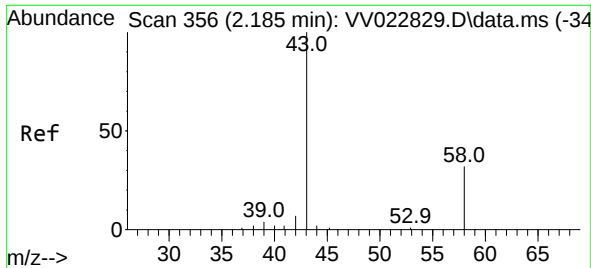
Tgt Ion: 50 Resp: 906
Ion Ratio Lower Upper
50 100
52 32.8 22.9 42.5



#12
1,1-Dichloroethene
Concen: 0.110 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022841.D
Acq: 15 Oct 2021 17:07

Tgt Ion: 96 Resp: 785
Ion Ratio Lower Upper
96 100
61 673.6 127.3 236.5#
63 5305.6 106.2 197.2#

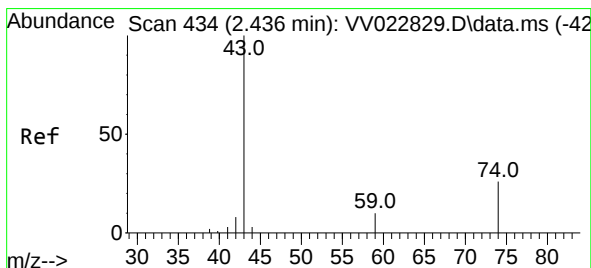
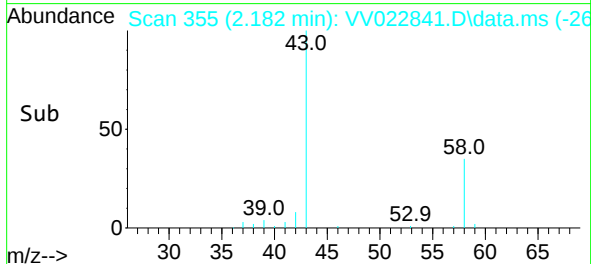
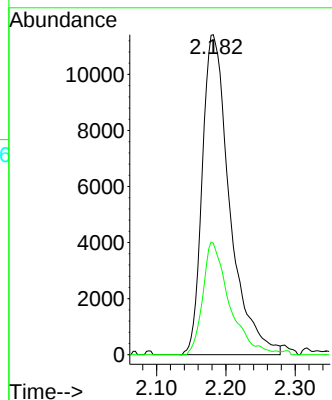
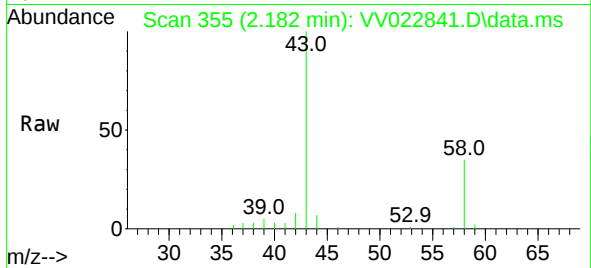




#13
Acetone
Concen: 26.389 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.003 min
Lab File: VV022841.D
Acq: 15 Oct 2021 17:07

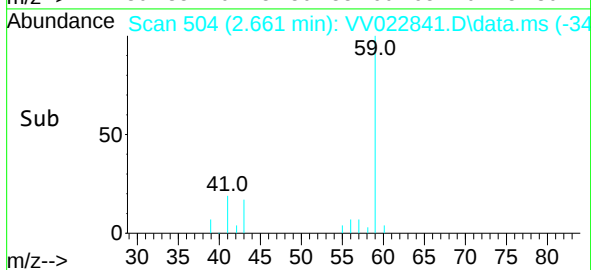
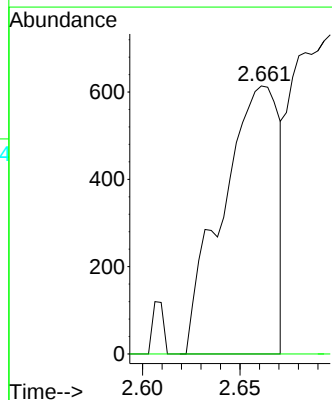
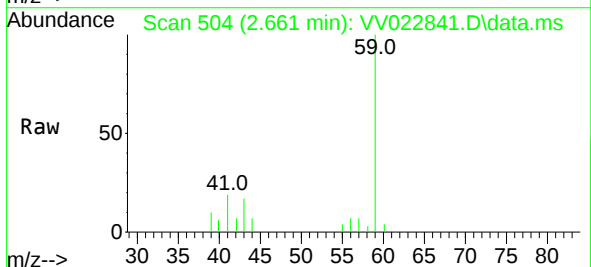
Instrument :
MSVOA_V
ClientSampleId :

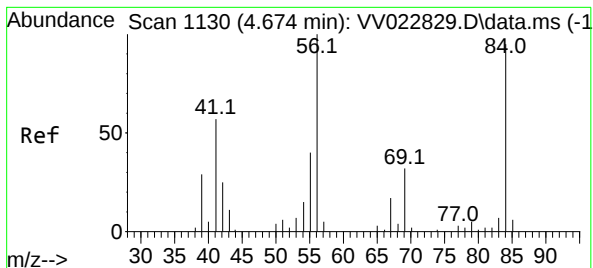
Tgt Ion: 43 Resp: 31430
Ion Ratio Lower Upper
43 100
58 33.8 0.0 24.2#



#15
Methyl Acetate
Concen: 0.362 ug/L
RT: 2.661 min Scan# 504
Delta R.T. 0.225 min
Lab File: VV022841.D
Acq: 15 Oct 2021 17:07

Tgt Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#

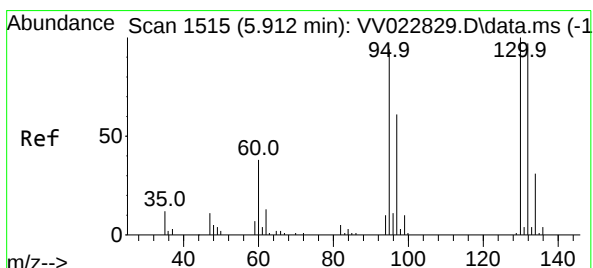
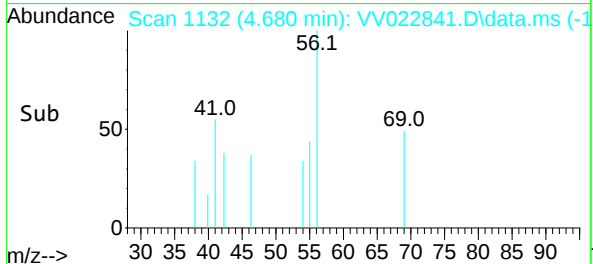
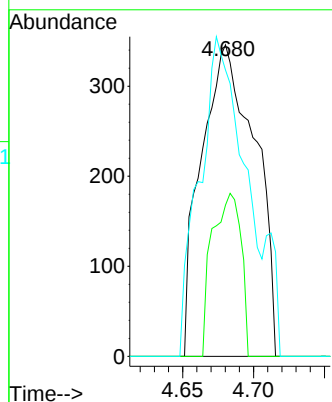
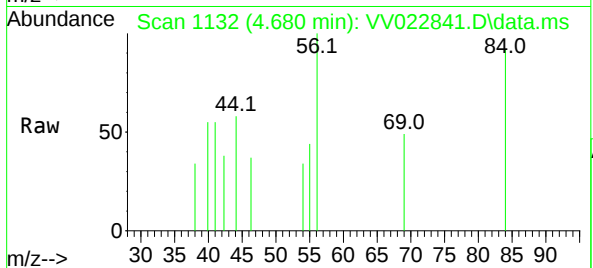




#30
Cyclohexane
Concen: 0.071 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.007 min
Lab File: VV022841.D
Acq: 15 Oct 2021 17:07

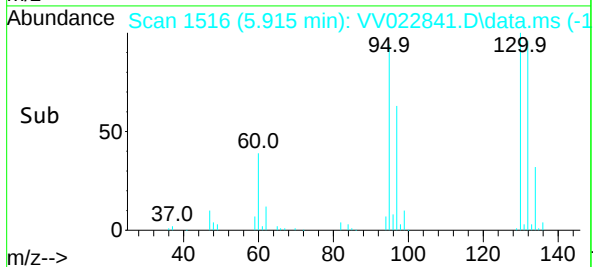
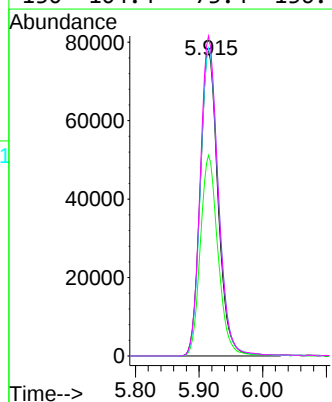
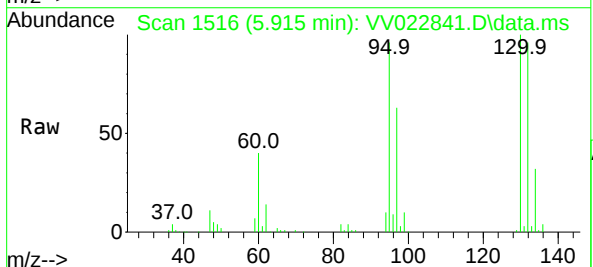
Instrument :
MSVOA_V
ClientSampled :

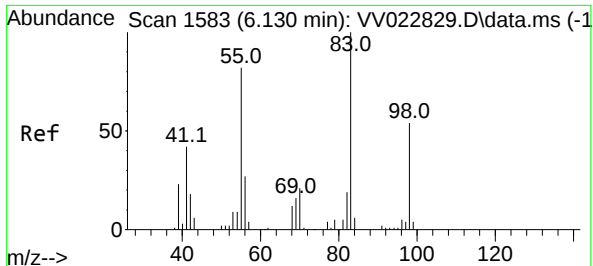
Tgt Ion: 56 Resp: 909
Ion Ratio Lower Upper
56 100
69 28.2 24.9 37.3
84 84.6 72.5 108.7



#34
Trichloroethene
Concen: 17.119 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV022841.D
Acq: 15 Oct 2021 17:07

Tgt Ion: 95 Resp: 151632
Ion Ratio Lower Upper
95 100
97 65.5 45.8 85.2
132 100.6 72.2 134.0
130 104.4 73.4 136.4





#35

Methylcyclohexane

Concen: 1.100 ug/L

RT: 6.072 min Scan# 1565

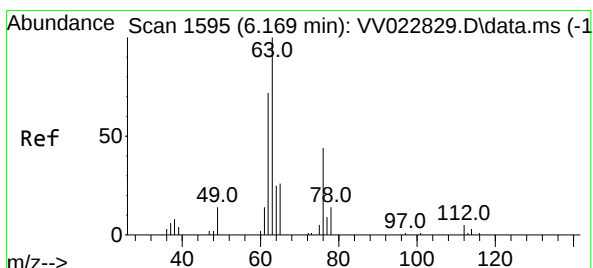
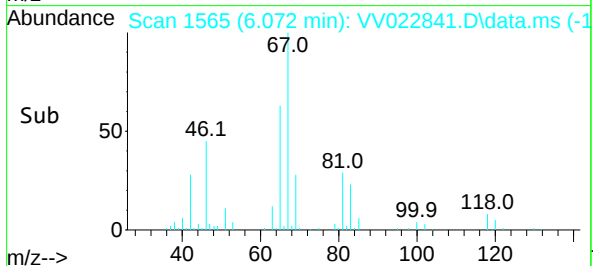
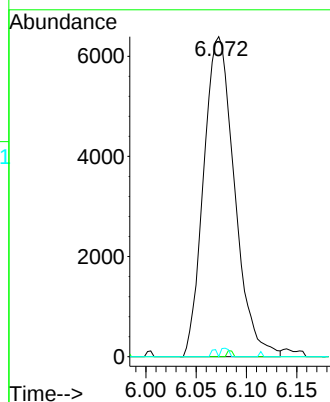
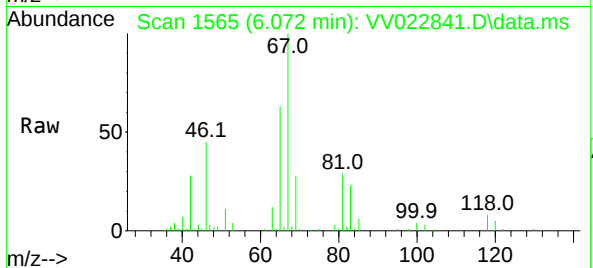
Delta R.T. -0.058 min

Lab File: VV022841.D

Acq: 15 Oct 2021 17:07

Tgt Ion:	83	Resp:	13656
Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.8	95.6#
98	0.0	42.1	63.1#

Instrument :
MSVOA_V
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.806 ug/L

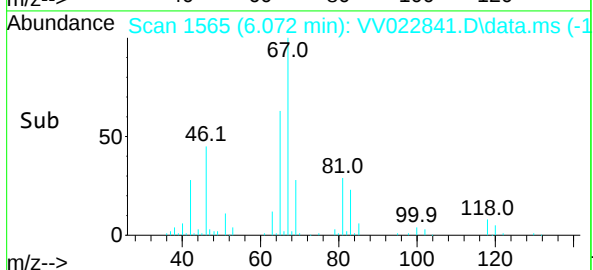
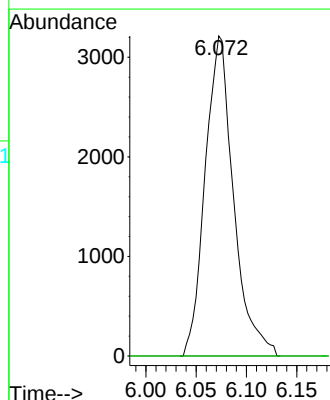
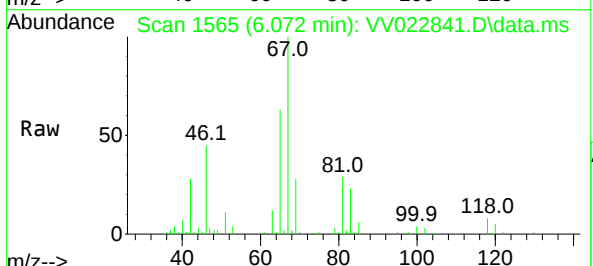
RT: 6.072 min Scan# 1565

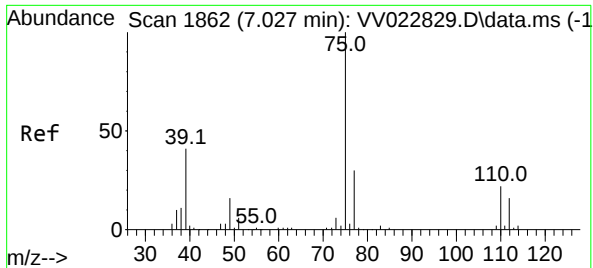
Delta R.T. -0.096 min

Lab File: VV022841.D

Acq: 15 Oct 2021 17:07

Tgt Ion:	63	Resp:	6312
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#

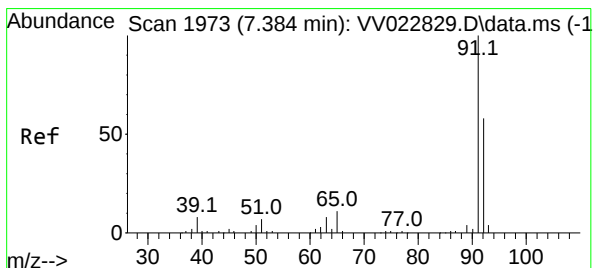
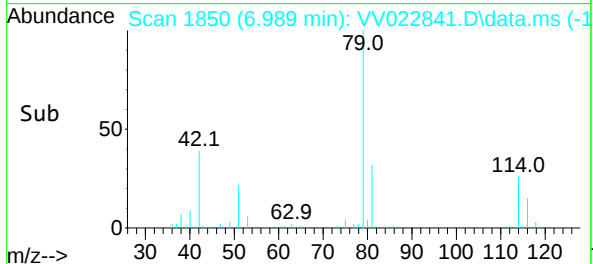
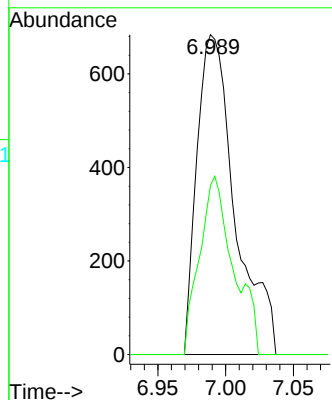
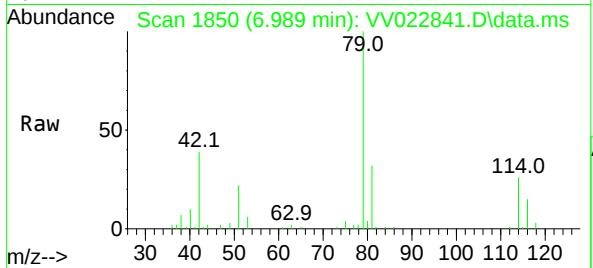




#39
cis-1,3-Dichloropropene
Concen: 0.129 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.038 min
Lab File: VV022841.D
Acq: 15 Oct 2021 17:07

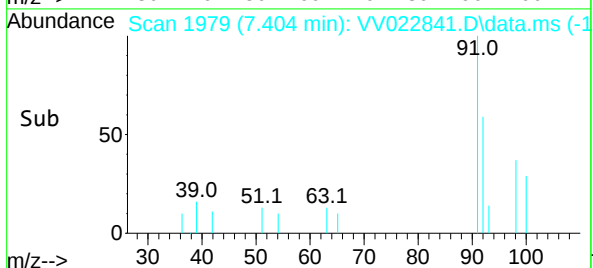
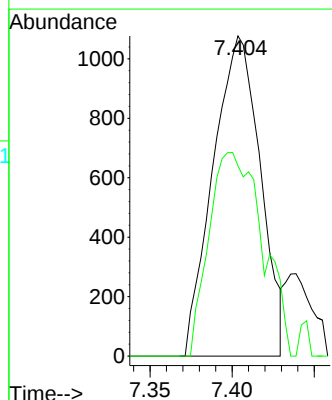
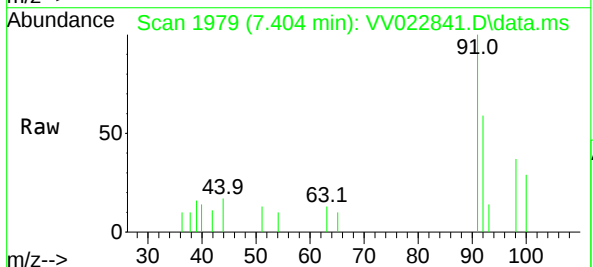
Instrument :
MSVOA_V
ClientSampleId :

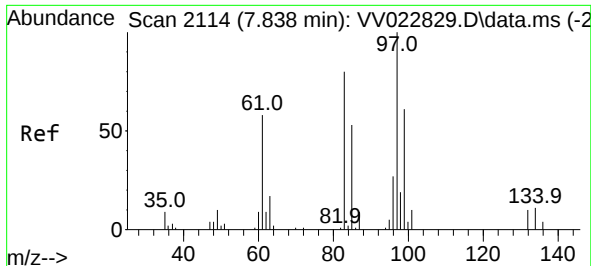
Tgt Ion: 75 Resp: 1339
Ion Ratio Lower Upper
75 100
77 52.8 22.3 41.3#



#42
Toluene
Concen: 0.065 ug/L
RT: 7.404 min Scan# 1979
Delta R.T. 0.019 min
Lab File: VV022841.D
Acq: 15 Oct 2021 17:07

Tgt Ion: 91 Resp: 2157
Ion Ratio Lower Upper
91 100
92 59.4 40.7 75.7

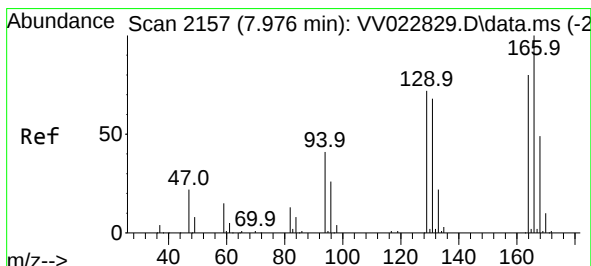
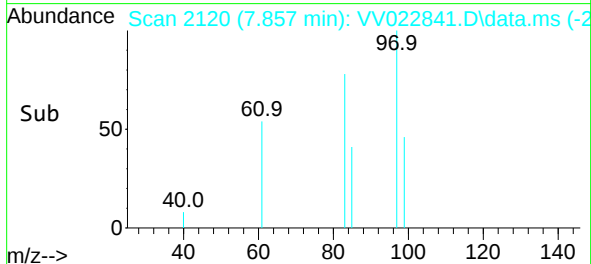
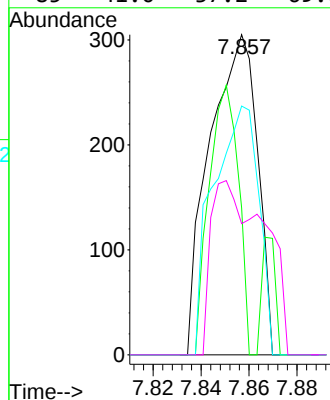
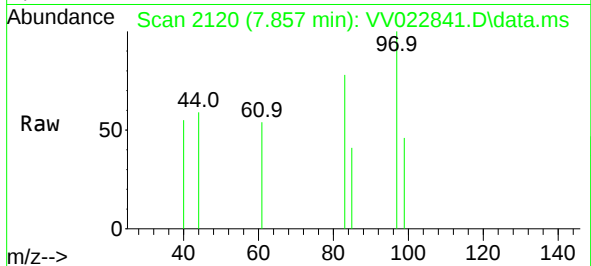




#45
1,1,2-Trichloroethane
Concen: 0.072 ug/L
RT: 7.857 min Scan# 2120
Delta R.T. 0.019 min
Lab File: VV022841.D
Acq: 15 Oct 2021 17:07

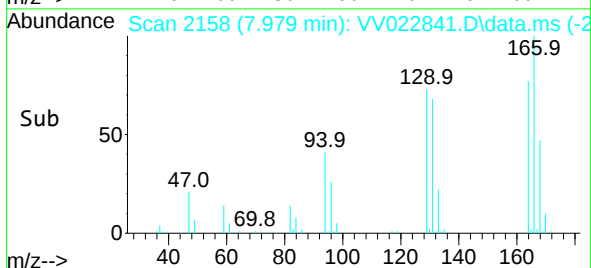
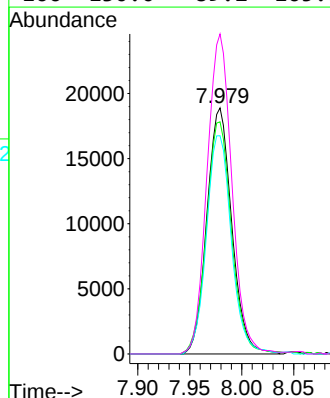
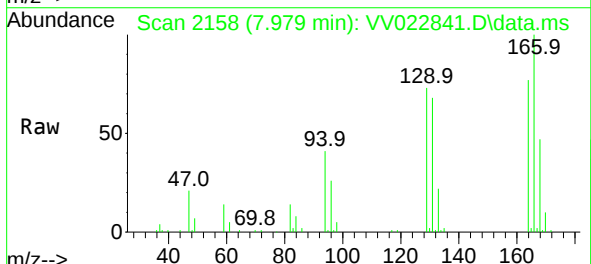
Instrument :
MSVOA_V
ClientSampleId :

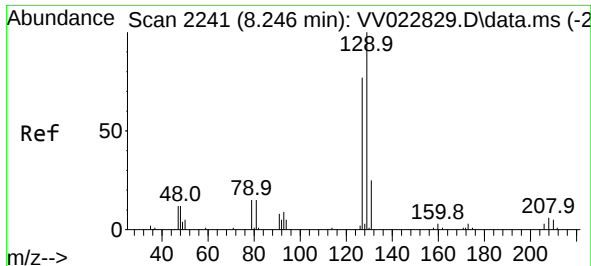
Tgt Ion: 97	Resp:	421	
Ion	Ratio	Lower	Upper
97	100		
99	45.9	44.5	82.7
83	77.7	56.6	105.0
85	41.0	37.2	69.0



#47
Tetrachloroethene
Concen: 4.396 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022841.D
Acq: 15 Oct 2021 17:07

Tgt	Ion:164	Resp:	31489
Ion	Ratio	Lower	Upper
164	100		
129	94.3	65.0	120.6
131	88.7	62.2	115.4
166	130.0	89.2	165.8





#49

Dibromochloromethane

Concen: 4.256 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV022841.D

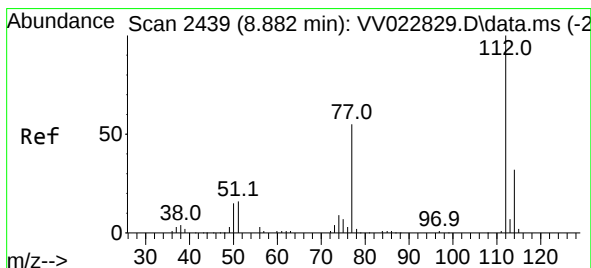
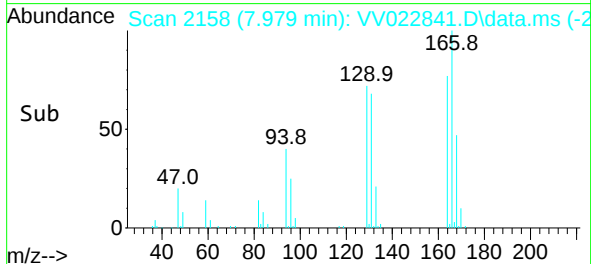
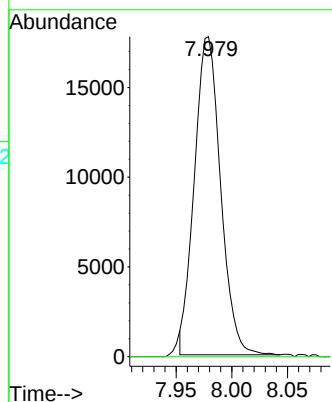
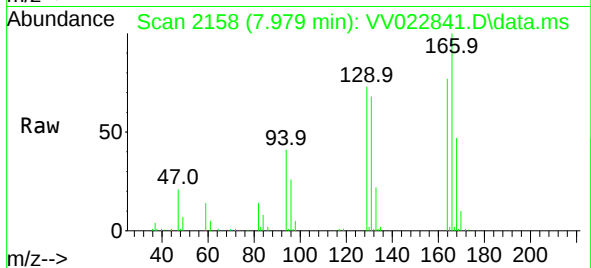
Acq: 15 Oct 2021 17:07

Tgt Ion:129 Resp: 28964

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#51

Chlorobenzene

Concen: 0.075 ug/L

RT: 8.886 min Scan# 2440

Delta R.T. 0.003 min

Lab File: VV022841.D

Acq: 15 Oct 2021 17:07

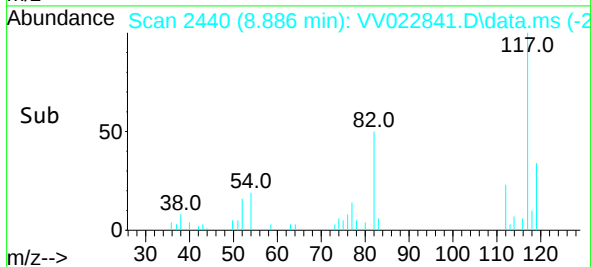
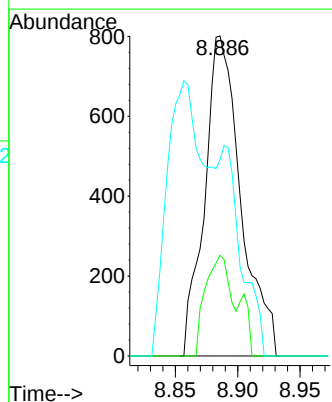
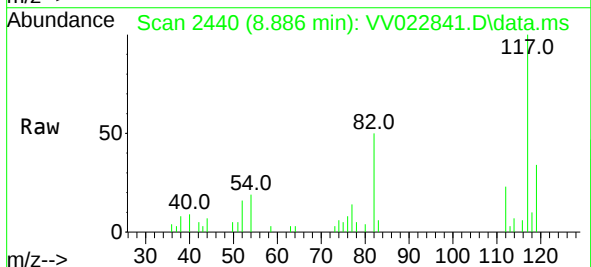
Tgt Ion:112 Resp: 1625

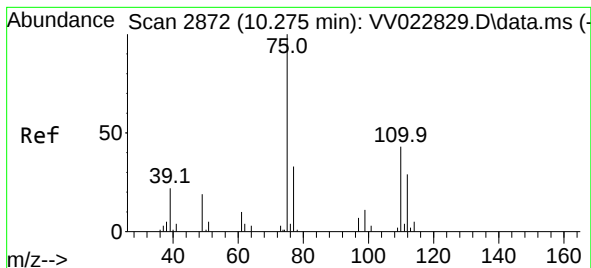
Ion Ratio Lower Upper

112 100

114 31.5 21.6 40.2

77 61.3 43.7 65.5

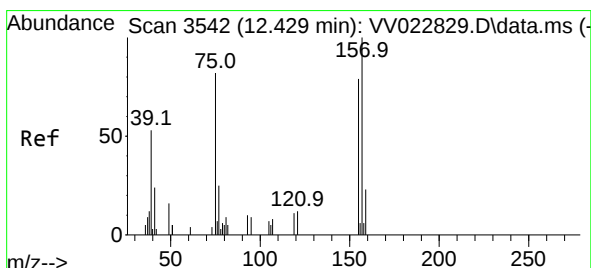
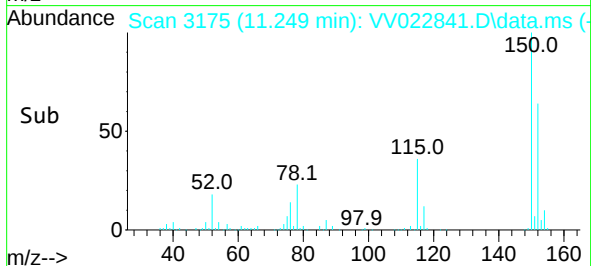
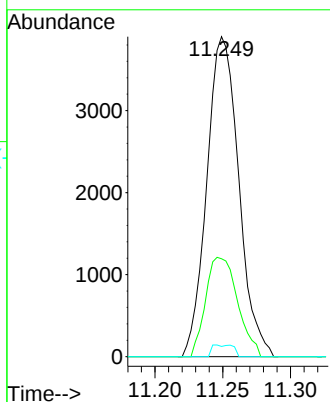
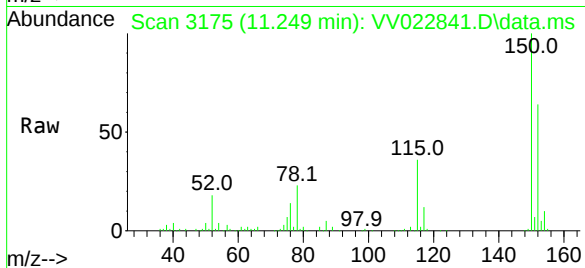




#61
1,2,3-Trichloropropane
Concen: 1.602 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022841.D
Acq: 15 Oct 2021 17:07

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 6382
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2
110 1.2 34.2 51.4#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.197 ug/L
RT: 12.255 min Scan# 3488
Delta R.T. -0.174 min
Lab File: VV022841.D
Acq: 15 Oct 2021 17:07

Tgt Ion: 75 Resp: 143
Ion Ratio Lower Upper
75 100
155 0.0 82.4 123.6#
157 0.0 114.1 171.1#

