

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041122\
 Data File : VW025452.D
 Acq On : 11 Apr 2022 15:59
 Operator : SY/MD
 Sample : N2319-09RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 12 07:06:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 12 07:03:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	133634	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	134825	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63482	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59295	4.773	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.568	69	57281	4.334	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.108	63	92658	3.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	3.896	46	80704	53.402	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.800%
24) Chloroform-d	4.352	84	90875	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.034	65	43435	5.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.050	84	176550	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.069	67	53618	4.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.317	98	152236	4.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.625	79	15533	4.248	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.088	63	58938	45.924	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.840%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33077	4.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	51479	4.837	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	1187	0.098	ug/L	98
3) Chloromethane	1.240	50	1158	0.088	ug/L	98
9) Trichlorofluoromethane	1.754	101	35026	1.682	ug/L	98
12) 1,1-Dichloroethene	2.118	96	1250	0.108	ug/L #	1
22) cis-1,2-Dichloroethene	3.918	96	962	0.094	ug/L #	67
25) Chloroform	4.378	83	17997	1.036	ug/L	90
31) Carbon tetrachloride	4.828	117	1811	0.135	ug/L	89
34) Trichloroethene	5.915	95	37559	3.552	ug/L	98
35) Methylcyclohexane	6.069	83	13418	0.795	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6169	0.670	ug/L #	85
38) Bromodichloromethane	6.523	83	1134	0.099	ug/L #	97
39) cis-1,3-Dichloropropene	6.992	75	1390	0.115	ug/L #	70
44) trans-1,3-Dichloropropene	7.629	75	756	0.081	ug/L #	76
47) Tetrachloroethene	7.982	164	3697	0.447	ug/L	89
49) Dibromochloromethane	7.979	129	3405	0.503	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7741	1.851	ug/L #	62

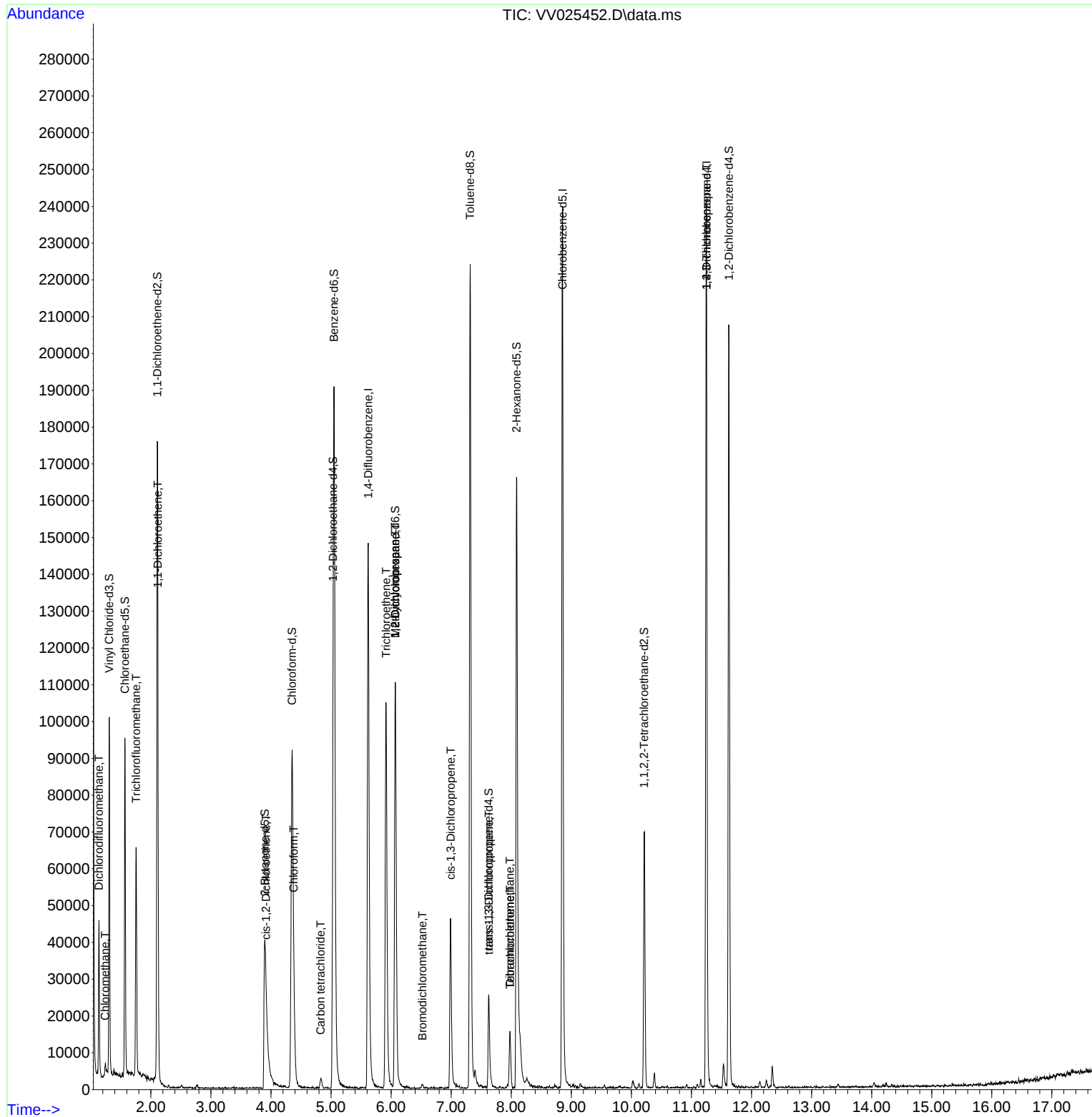
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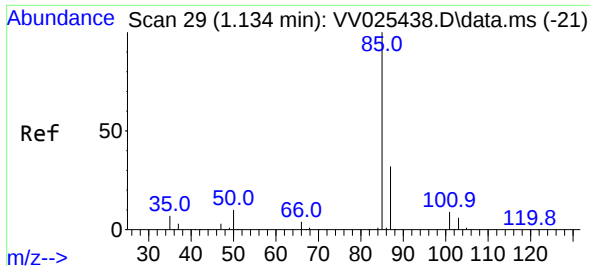
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041122\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

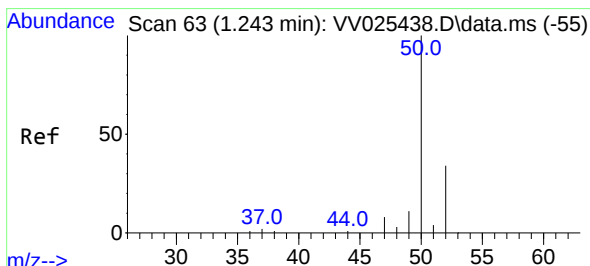
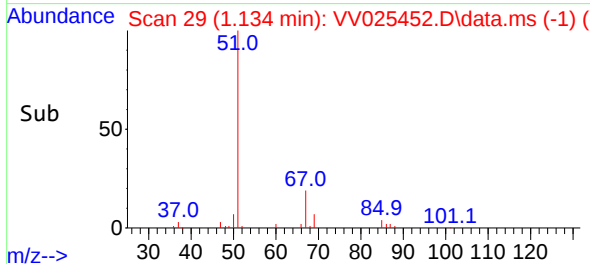
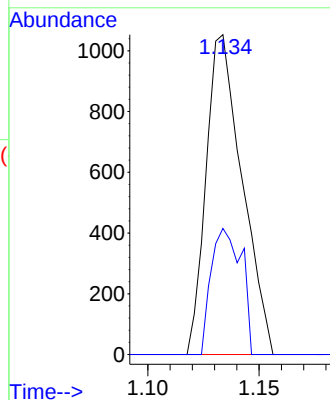
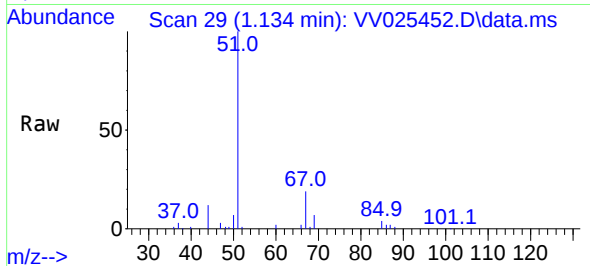




#2
 Dichlorodifluoromethane
 Concen: 0.098 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VV025452.D
 Acq: 11 Apr 2022 15:59

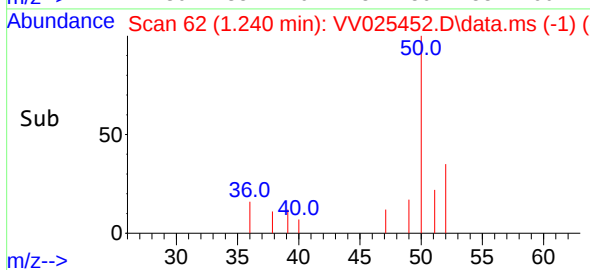
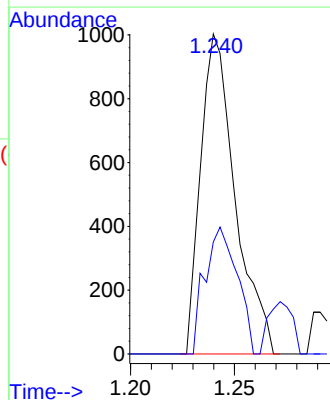
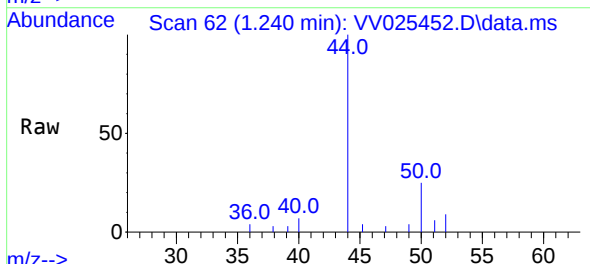
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 ClientSampleId :

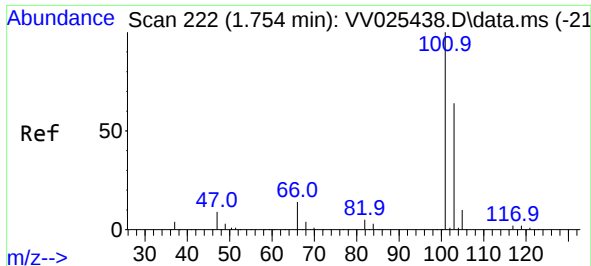
Tgt Ion: 85 Resp: 1187
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.6 38.4



#3
 Chloromethane
 Concen: 0.088 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV025452.D
 Acq: 11 Apr 2022 15:59

Tgt Ion: 50 Resp: 1158
 Ion Ratio Lower Upper
 50 100
 52 35.0 23.7 43.9

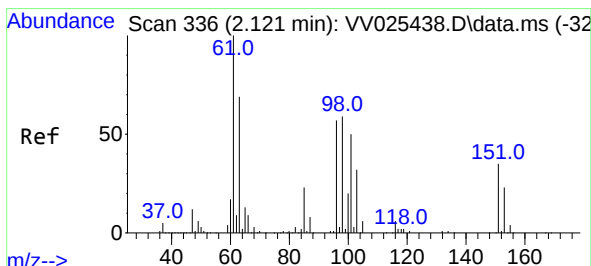
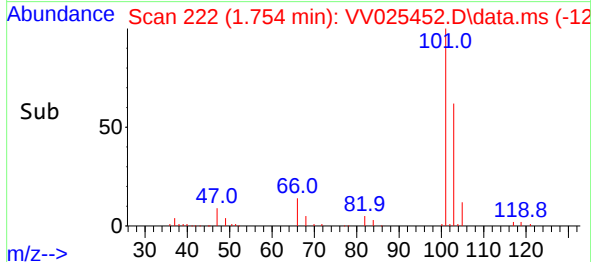
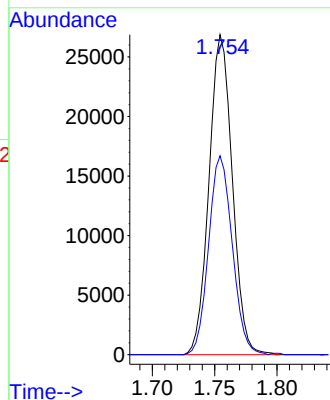
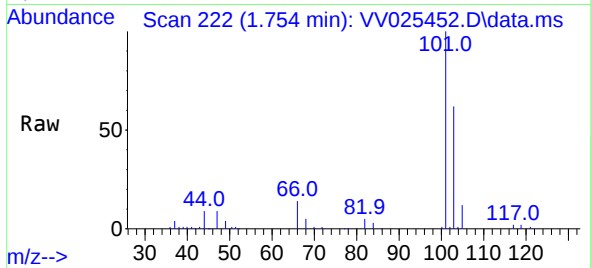




#9
Trichlorofluoromethane
Concen: 1.682 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025452.D
Acq: 11 Apr 2022 15:59

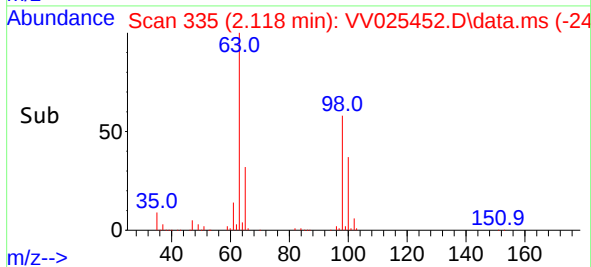
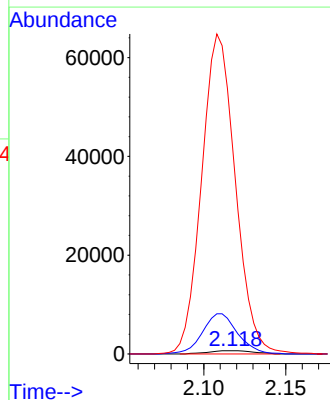
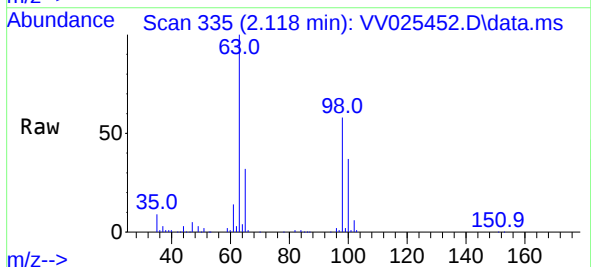
Instrument :
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ClientSampleId :

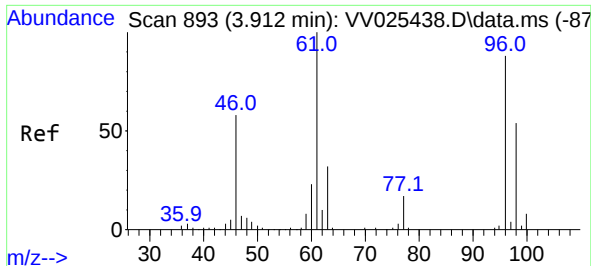
Tgt Ion:101 Resp: 35026
Ion Ratio Lower Upper
101 100
103 63.0 51.9 77.9



#12
1,1-Dichloroethene
Concen: 0.108 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV025452.D
Acq: 11 Apr 2022 15:59

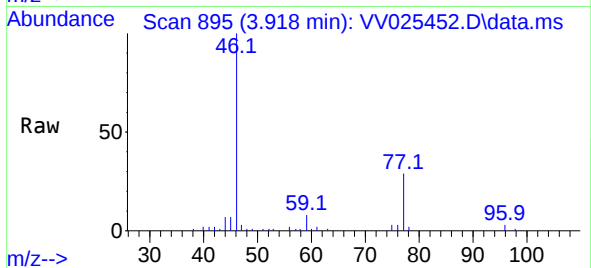
Tgt Ion: 96 Resp: 1250
Ion Ratio Lower Upper
96 100
61 850.0 125.2 232.4#
63 6272.3 114.4 212.4#



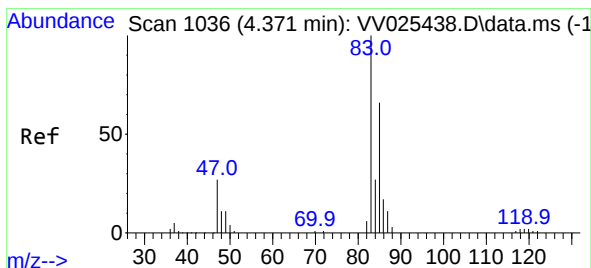
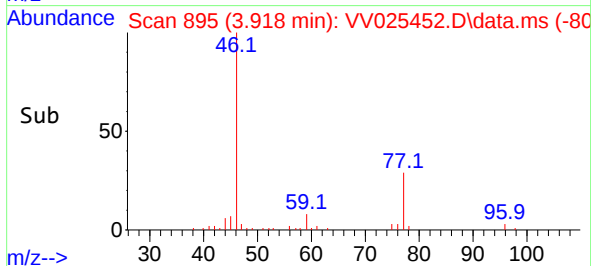
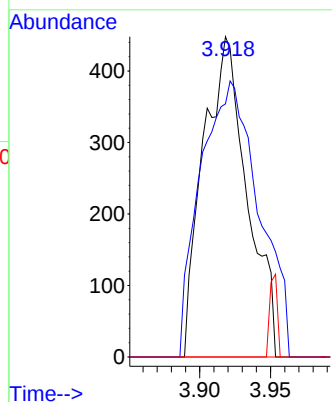


#22
 cis-1,2-Dichloroethene
 Concen: 0.094 ug/L
 RT: 3.918 min Scan# 893
 Delta R.T. 0.007 min
 Lab File: VV025452.D
 Acq: 11 Apr 2022 15:59

Instrument :
 MSVOA_V
 ClientSampleId :

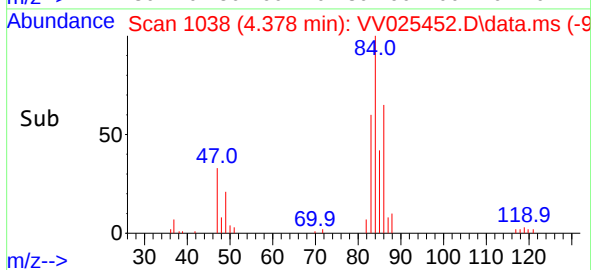
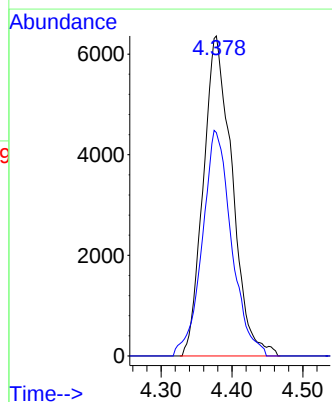
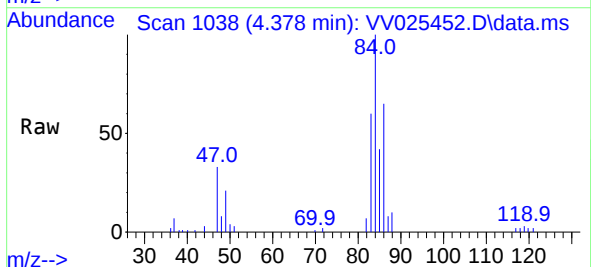


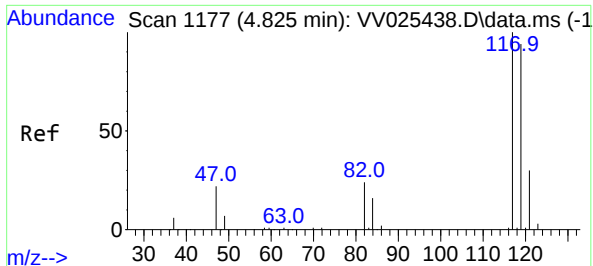
Tgt Ion: 96 Resp: 962
 Ion Ratio Lower Upper
 96 100
 61 79.0 80.0 148.6#
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.036 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.007 min
 Lab File: VV025452.D
 Acq: 11 Apr 2022 15:59

Tgt Ion: 83 Resp: 17997
 Ion Ratio Lower Upper
 83 100
 85 69.8 43.5 80.7

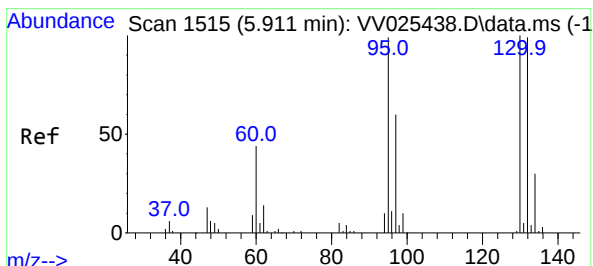
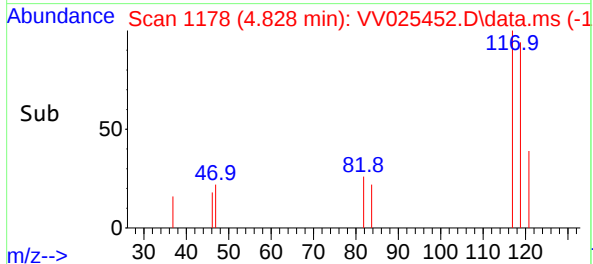
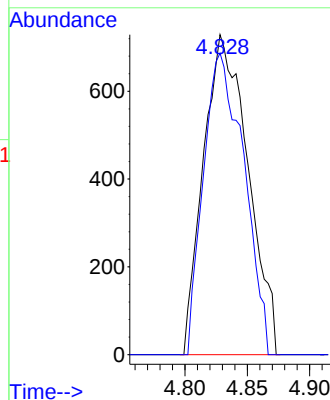
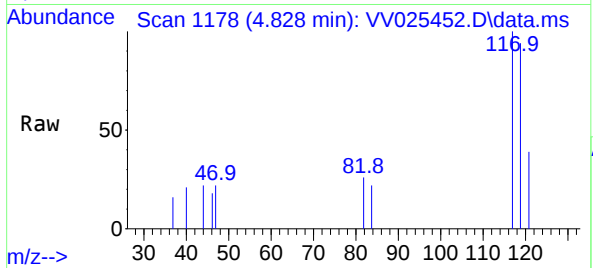




#31
Carbon tetrachloride
Concen: 0.135 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV025452.D
Acq: 11 Apr 2022 15:59

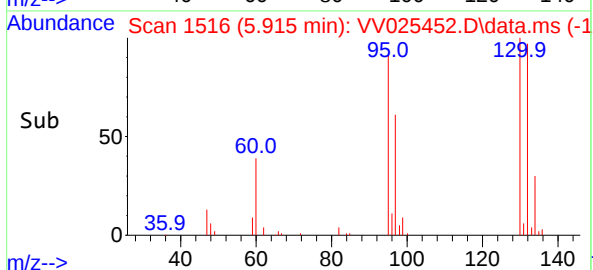
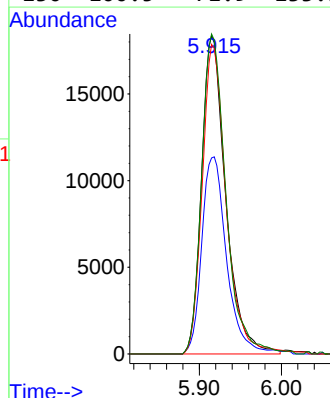
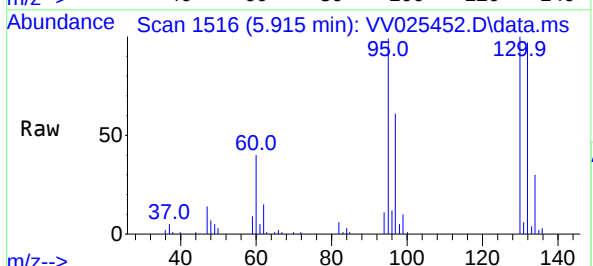
Instrument :
MSVOA_V
ClientSampleId :

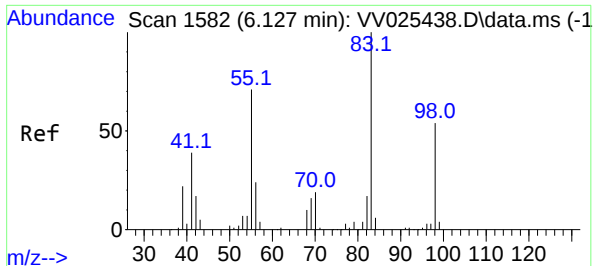
Tgt Ion:117 Resp: 1811
Ion Ratio Lower Upper
117 100
119 85.3 76.6 114.8



#34
Trichloroethene
Concen: 3.552 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV025452.D
Acq: 11 Apr 2022 15:59

Tgt Ion: 95 Resp: 37559
Ion Ratio Lower Upper
95 100
97 61.5 45.8 85.2
132 97.3 68.0 126.4
130 100.5 71.9 133.5





#35

Methylcyclohexane

Concen: 0.795 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025452.D

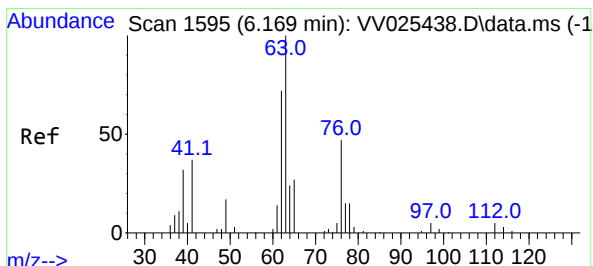
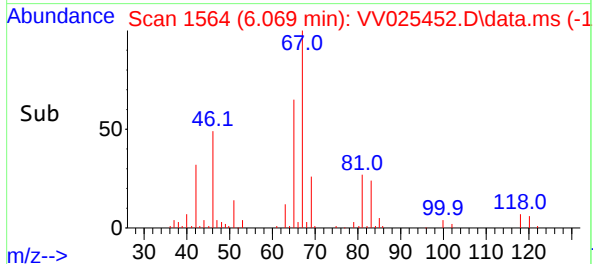
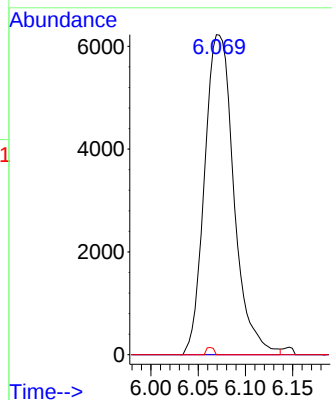
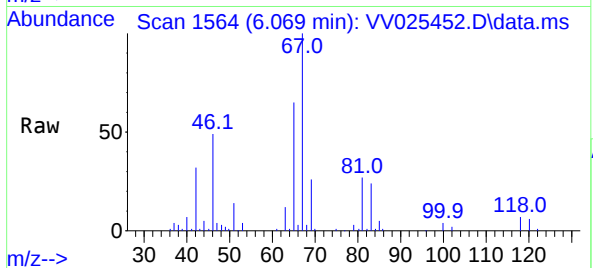
Acq: 11 Apr 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 13418
Ion Ratio	Lower Upper
83 100	
55 0.0	53.7 80.5#
98 0.6	39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.670 ug/L

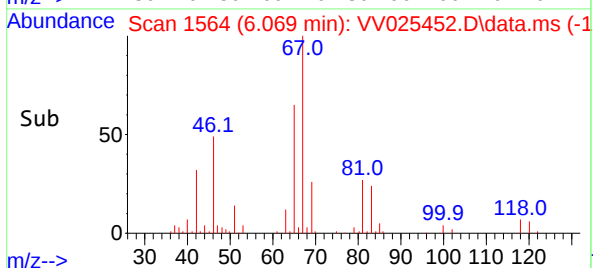
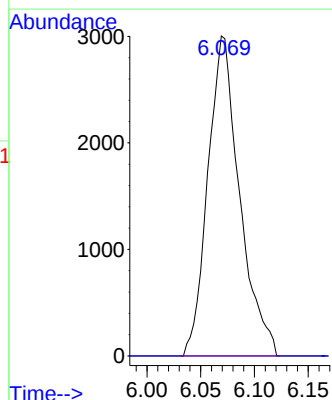
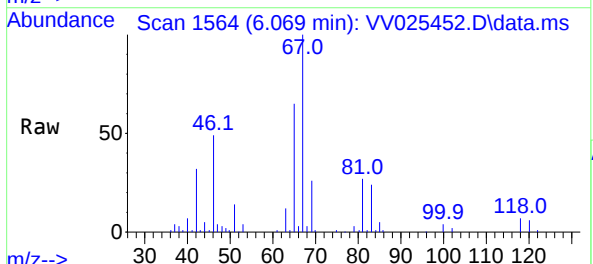
RT: 6.069 min Scan# 1564

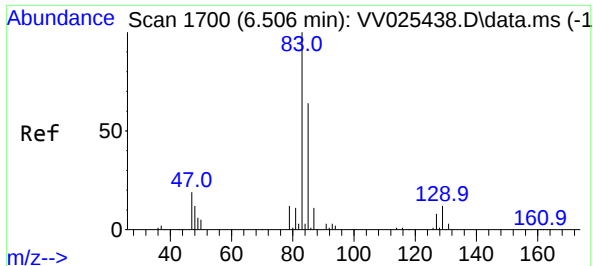
Delta R.T. -0.099 min

Lab File: VV025452.D

Acq: 11 Apr 2022 15:59

Tgt Ion: 63	Resp: 6169
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.8#

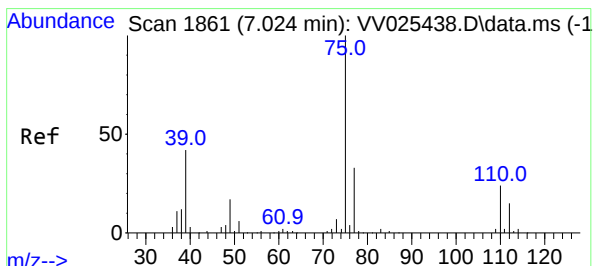
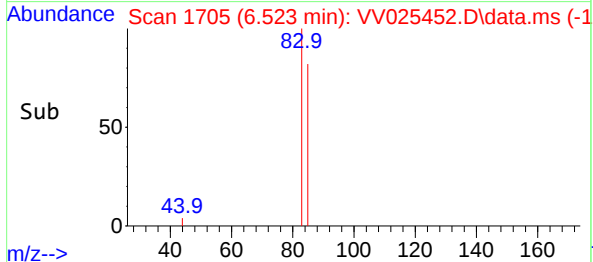
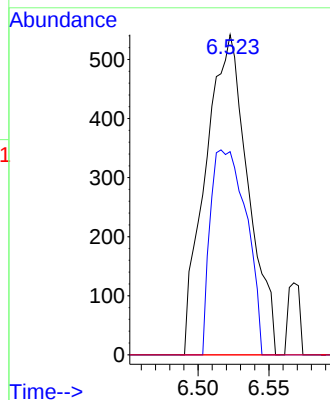
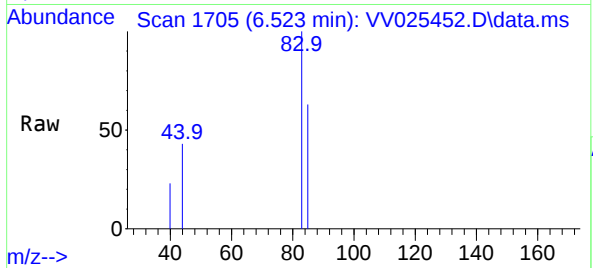




#38
Bromodichloromethane
Concen: 0.099 ug/L
RT: 6.523 min Scan# 1134
Delta R.T. 0.016 min
Lab File: VV025452.D
Acq: 11 Apr 2022 15:59

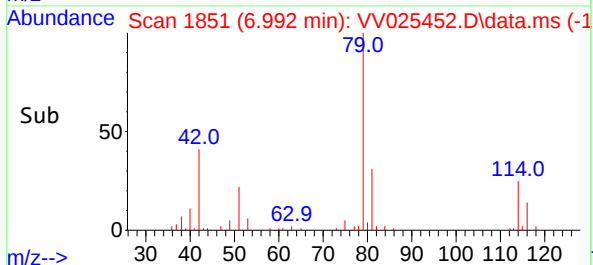
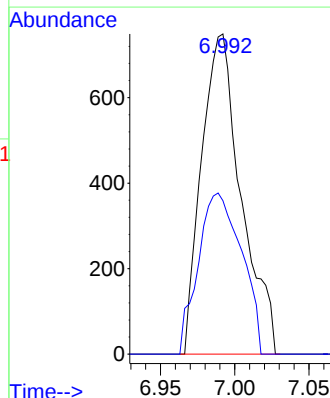
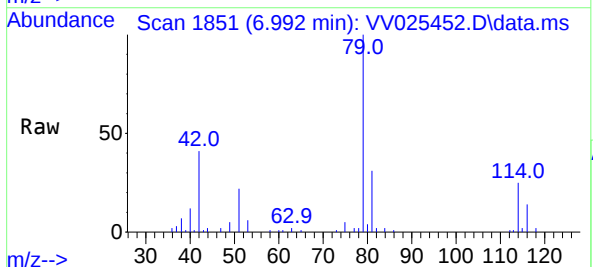
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MSVOA_V
ClientSampleId :

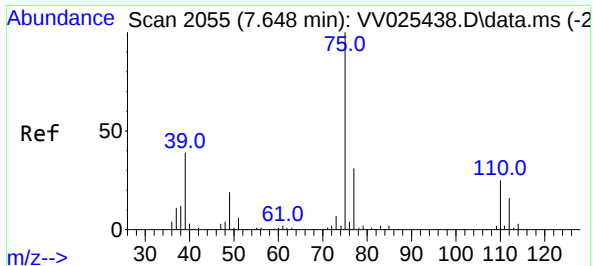
Tgt Ion: 83 Resp: 1134
Ion Ratio Lower Upper
83 100
85 63.5 44.4 82.4
127 0.0 7.2 10.8#



#39
cis-1,3-Dichloropropene
Concen: 0.115 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.032 min
Lab File: VV025452.D
Acq: 11 Apr 2022 15:59

Tgt Ion: 75 Resp: 1390
Ion Ratio Lower Upper
75 100
77 47.9 21.8 40.6#

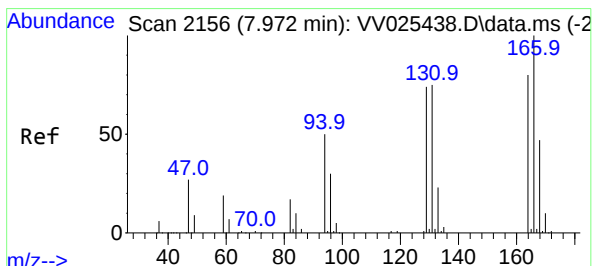
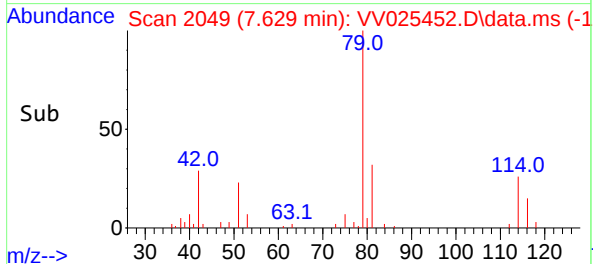
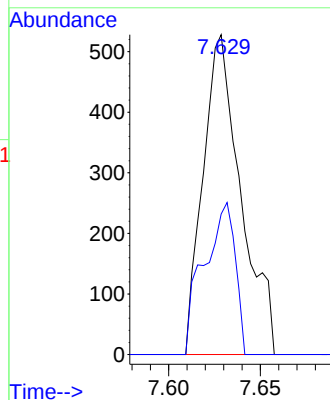
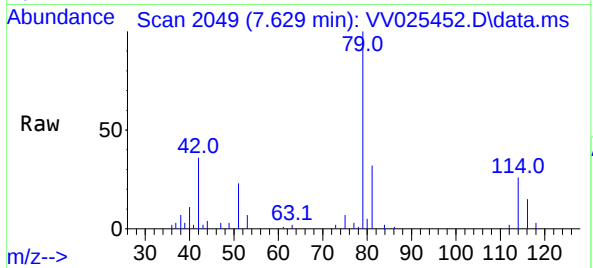




#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.629 min Scan# 2055
Delta R.T. -0.019 min
Lab File: VV025452.D
Acq: 11 Apr 2022 15:59

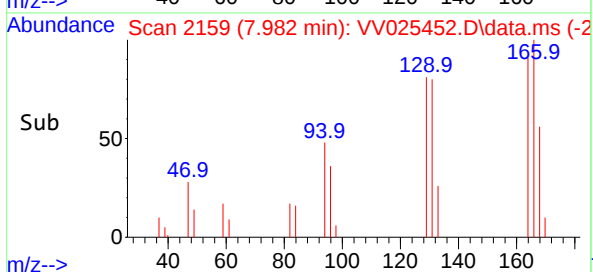
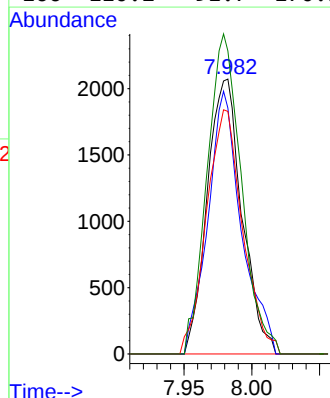
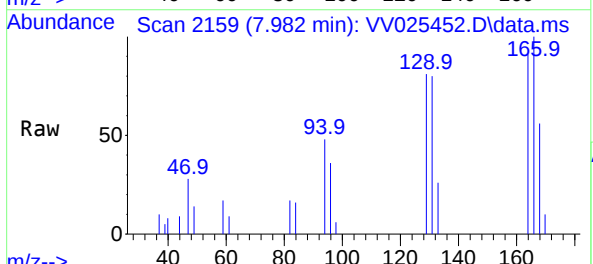
Instrument :
MSVOA_V
ClientSampleId :

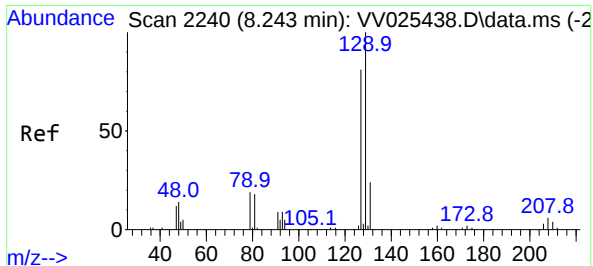
Tgt Ion: 75 Resp: 756
Ion Ratio Lower Upper
75 100
77 43.9 21.7 40.3#



#47
Tetrachloroethene
Concen: 0.447 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.010 min
Lab File: VV025452.D
Acq: 11 Apr 2022 15:59

Tgt Ion: 164 Resp: 3697
Ion Ratio Lower Upper
164 100
129 89.5 66.8 124.2
131 88.2 66.4 123.4
166 110.2 91.7 170.3





#49

Dibromochloromethane

Concen: 0.503 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.263 min

Lab File: VV025452.D

Acq: 11 Apr 2022 15:59

Instrument :

MSVOA_V

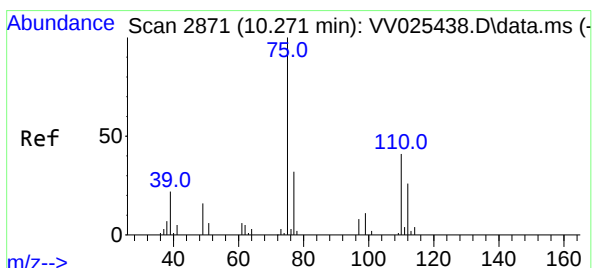
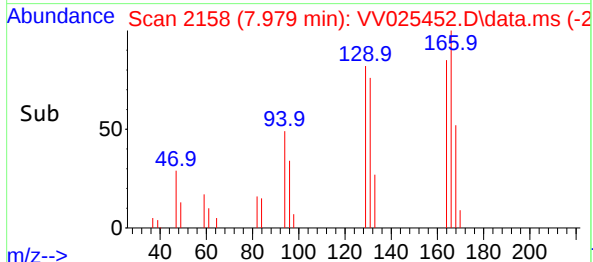
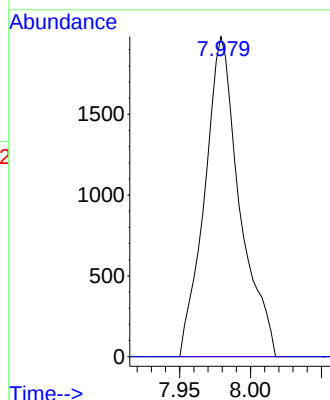
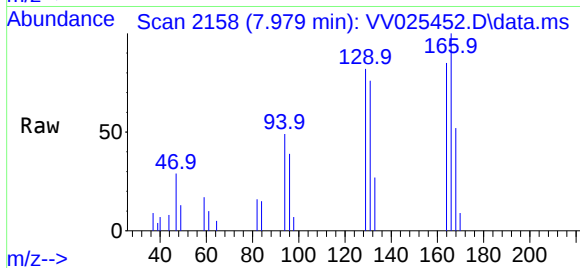
ClientSampleId :

Tgt Ion:129 Resp: 3405

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#61

1,2,3-Trichloropropane

Concen: 1.851 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV025452.D

Acq: 11 Apr 2022 15:59

Tgt Ion: 75 Resp: 7741

Ion Ratio Lower Upper

75 100

77 33.2 25.6 38.4

110 1.9 34.7 52.1#

