

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046112.D
 Acq On : 06 Dec 2021 15:19
 Operator : SY/MD
 Sample : M4938-03 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 07 01:10:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

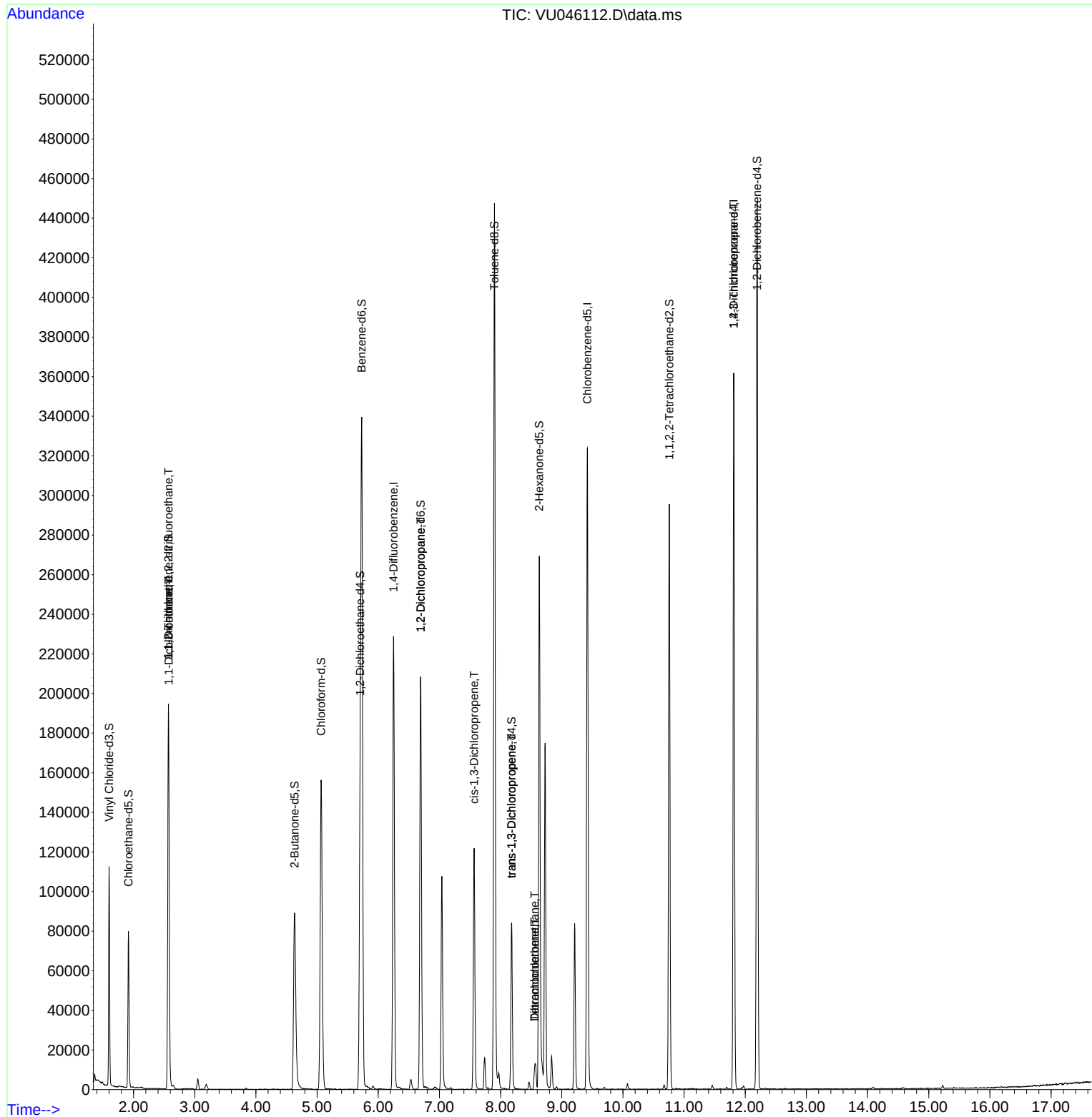
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	189813	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	187461	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	97319	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	76793	49.114	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	98.220%	
7) Chloroethane-d5	1.916	69	56719	47.246	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.500%	
11) 1,1-Dichloroethene-d2	2.572	63	114268	40.709	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	81.420%	
21) 2-Butanone-d5	4.633	46	133867	107.699	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	107.700%	
24) Chloroform-d	5.067	84	147722	56.575	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	113.140%	
26) 1,2-Dichloroethane-d4	5.703	65	100769	57.505	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	115.020%	
32) Benzene-d6	5.729	84	324284	60.355	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	120.700%	
36) 1,2-Dichloropropane-d6	6.694	67	101186	60.766	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	121.540%#	
41) Toluene-d8	7.899	98	299137	61.147	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	122.300%#	
43) trans-1,3-Dichloroprop...	8.179	79	47049	58.531	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	117.060%	
47) 2-Hexanone-d5	8.632	63	98561	124.837	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	124.840%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	144010	57.027	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	114.060%	
66) 1,2-Dichlorobenzene-d4	12.195	152	118493	63.224	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	126.440%#	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1090	0.789	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	829	0.632	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	10787	7.258	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2863	1.266	ug/L #	60
44) trans-1,3-Dichloropropene	8.179	75	2064	0.929	ug/L	94
46) Tetrachloroethene	8.558	164	2179	1.984	ug/L	86
49) Dibromochloromethane	8.558	129	1892	1.208	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	10844	5.083	ug/L #	66

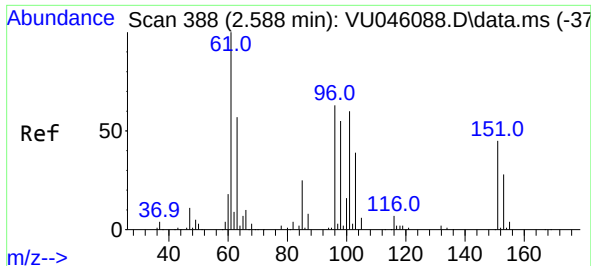
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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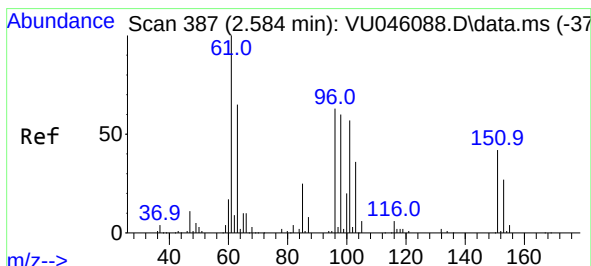
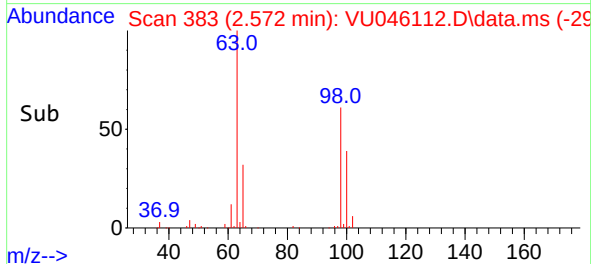
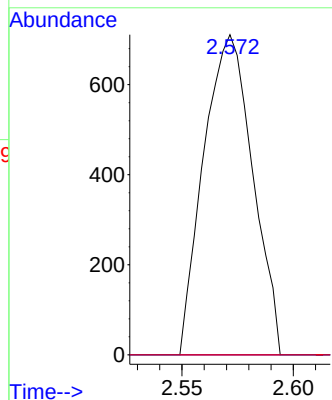
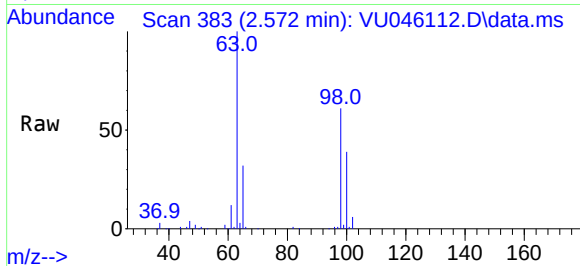




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.789 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046112.D
Acq: 06 Dec 2021 15:19

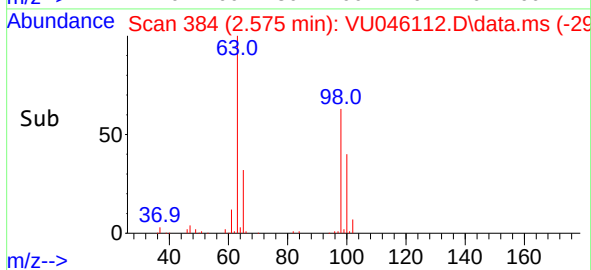
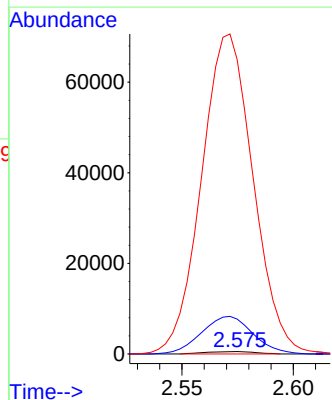
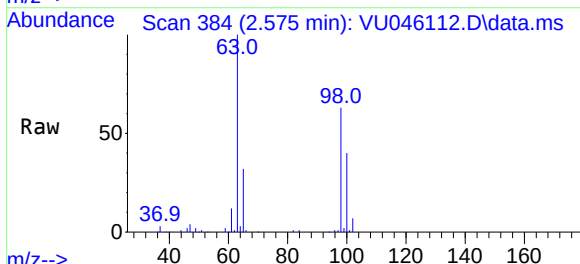
Instrument :
MSVOA_U
ClientSampleId :

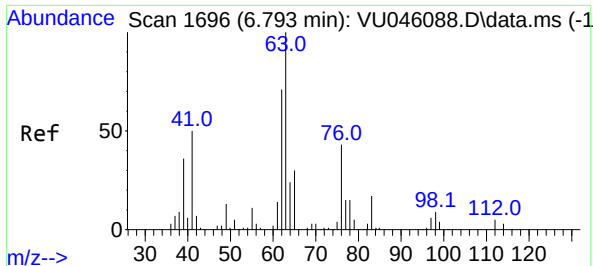
Tgt Ion:101 Resp: 1090
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.632 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU046112.D
Acq: 06 Dec 2021 15:19

Tgt Ion: 96 Resp: 829
Ion Ratio Lower Upper
96 100
61 1478.5 118.6 220.2#
63 12498.5 93.0 172.8#

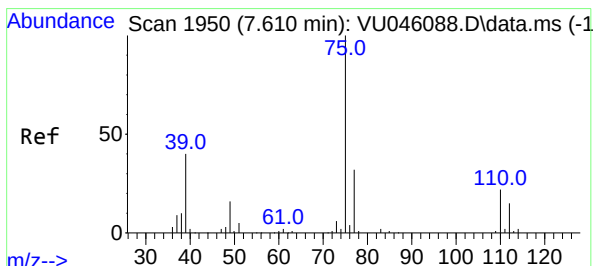
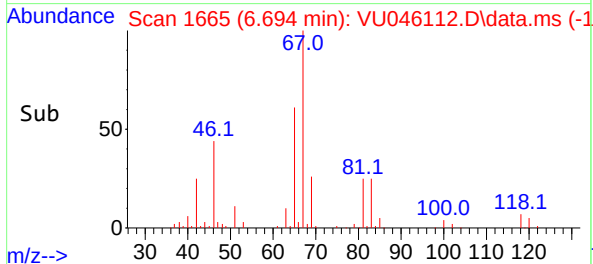
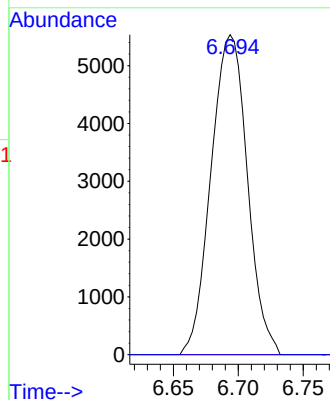
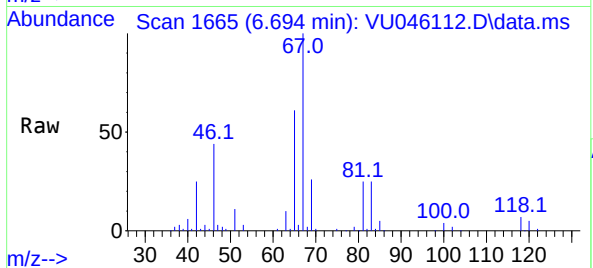




#37
1,2-Dichloropropane
Concen: 7.258 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU046112.D
Acq: 06 Dec 2021 15:19

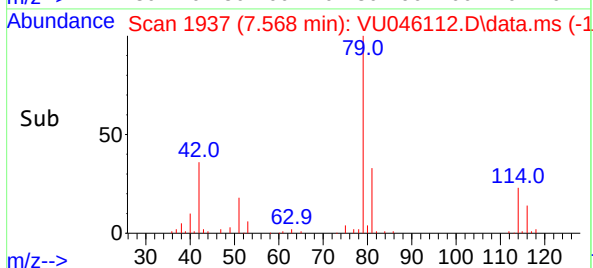
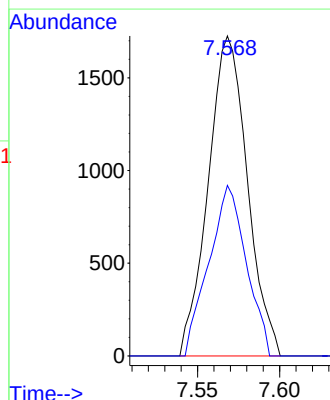
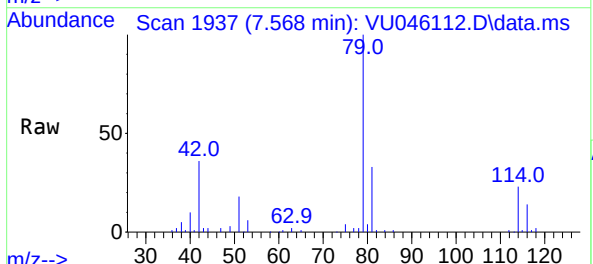
Instrument :
MSVOA_U
ClientSampleId :

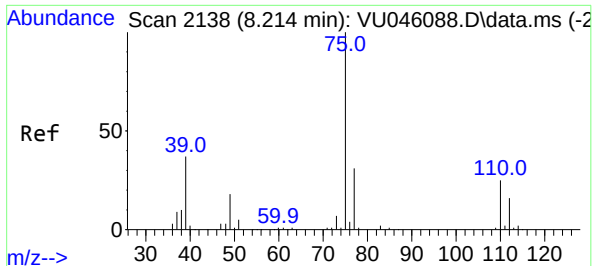
Tgt Ion: 63 Resp: 10787
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 1.266 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU046112.D
Acq: 06 Dec 2021 15:19

Tgt Ion: 75 Resp: 2863
Ion Ratio Lower Upper
75 100
77 53.3 21.8 40.6#

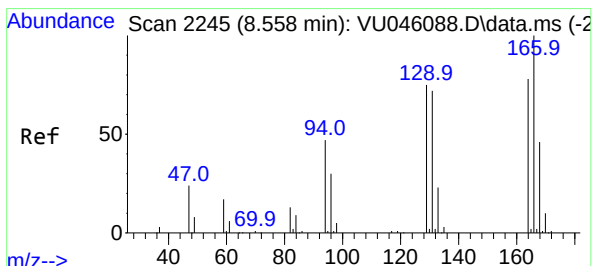
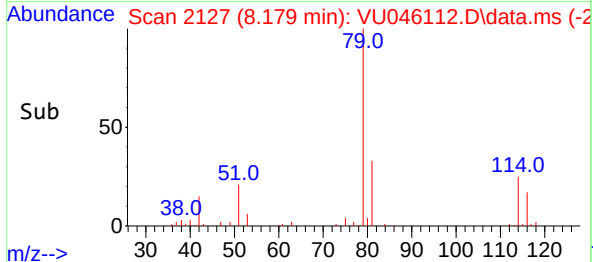
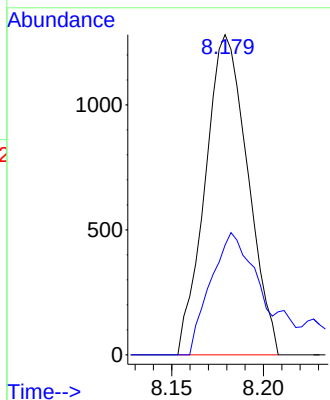
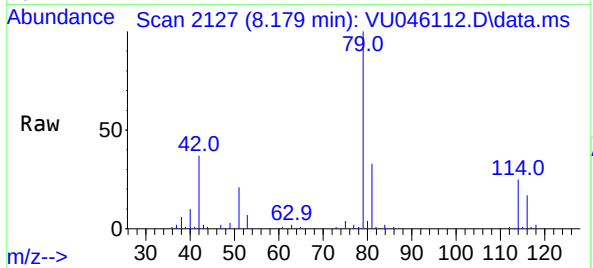




#44
trans-1,3-Dichloropropene
Concen: 0.929 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.035 min
Lab File: VU046112.D
Acq: 06 Dec 2021 15:19

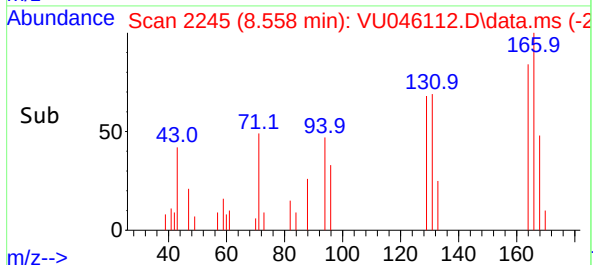
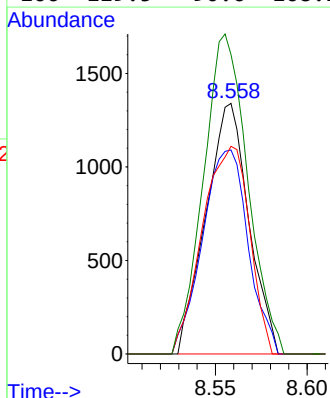
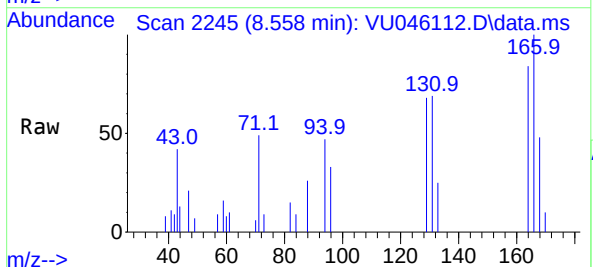
Instrument :
MSVOA_U
ClientSampleId :

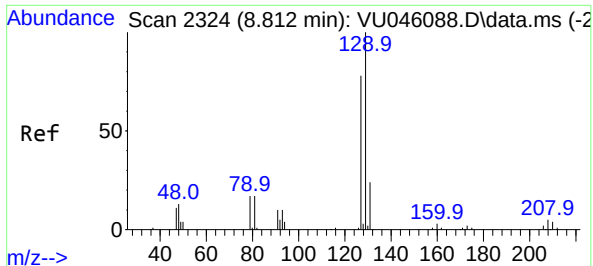
Tgt Ion: 75 Resp: 2064
Ion Ratio Lower Upper
75 100
77 34.3 21.7 40.3



#46
Tetrachloroethene
Concen: 1.984 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU046112.D
Acq: 06 Dec 2021 15:19

Tgt Ion: 164 Resp: 2179
Ion Ratio Lower Upper
164 100
129 81.4 71.1 132.1
131 82.9 67.8 126.0
166 119.5 90.6 168.2





#49

Dibromochloromethane

Concen: 1.208 ug/L

RT: 8.558 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU046112.D

Acq: 06 Dec 2021 15:19

Instrument :

MSVOA_U

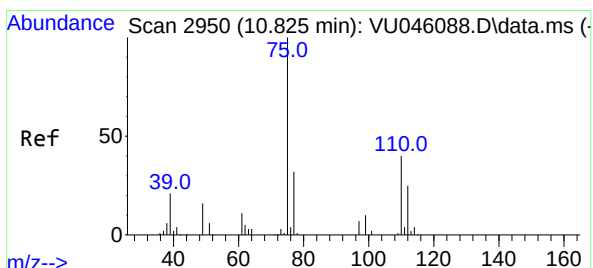
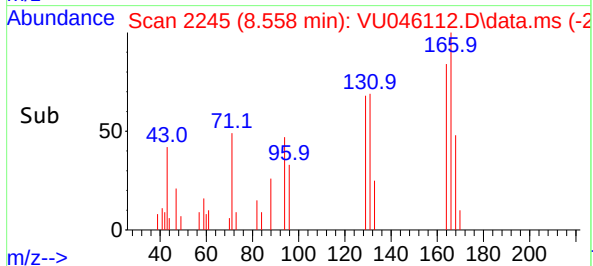
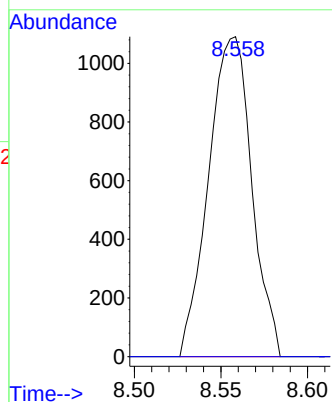
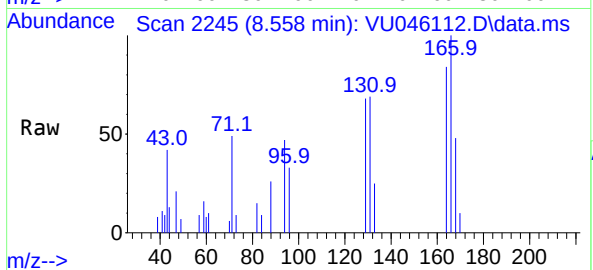
ClientSampleId :

Tgt Ion:129 Resp: 1892

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#60

1,2,3-Trichloropropane

Concen: 5.083 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046112.D

Acq: 06 Dec 2021 15:19

Tgt Ion: 75 Resp: 10844

Ion Ratio Lower Upper

75 100

77 33.1 26.4 39.6

110 2.6 32.4 48.6#

