

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051070.D
 Acq On : 01 Oct 2022 05:45
 Operator : JC/MD
 Sample : N4880-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 00:02:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

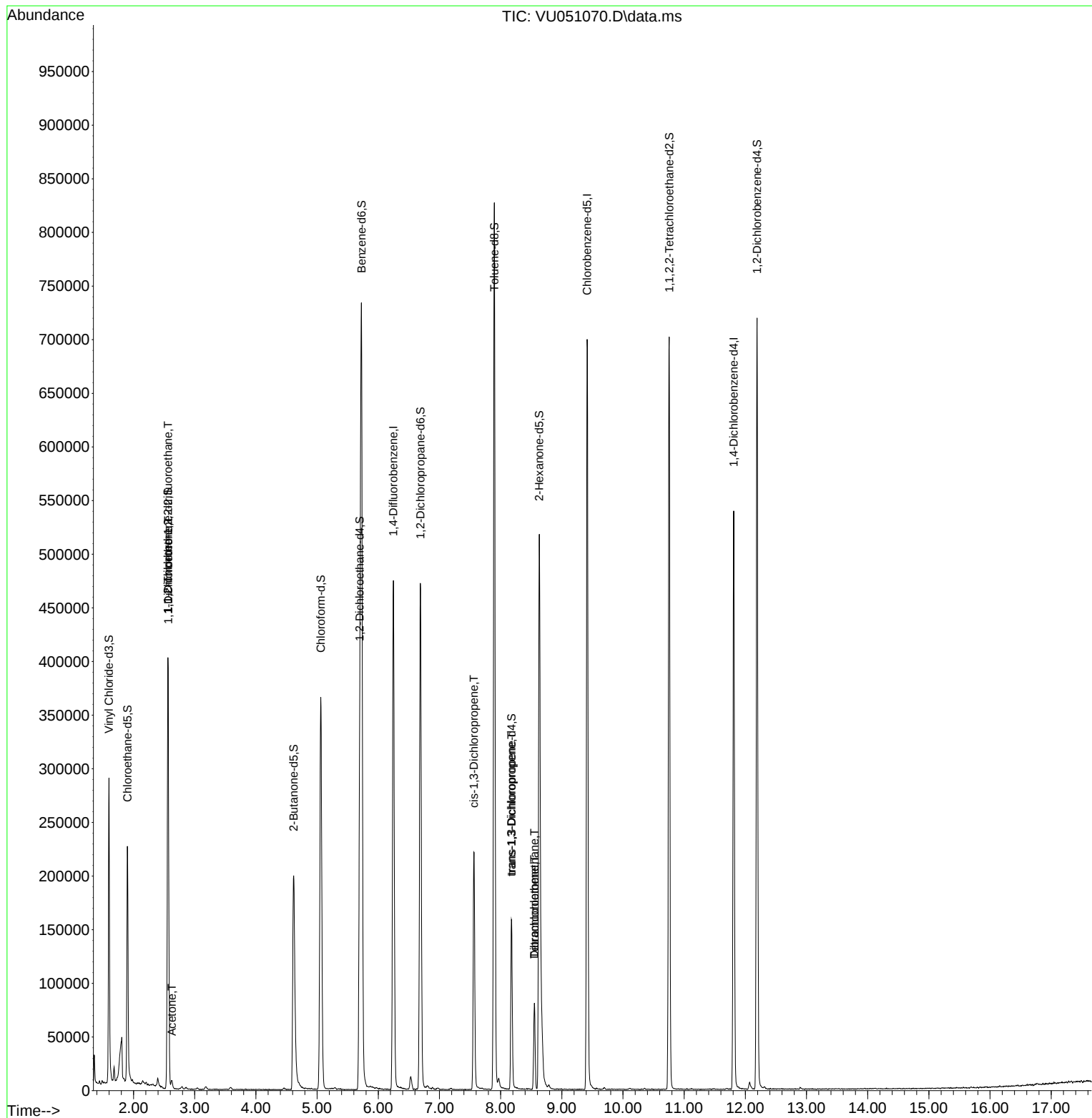
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	374112	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	381998	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	138987	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	200882	52.983	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 105.960%		
7) Chloroethane-d5	1.900	69	168933	47.966	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 95.940%		
11) 1,1-Dichloroethene-d2	2.562	63	236587	42.244	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 84.480%		
21) 2-Butanone-d5	4.617	46	286519	116.515	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery	= 116.520%		
24) Chloroform-d	5.061	84	338935	55.486	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 110.980%		
26) 1,2-Dichloroethane-d4	5.697	65	221513	58.587	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 117.180%		
32) Benzene-d6	5.726	84	679229	60.720	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 121.440%		
36) 1,2-Dichloropropane-d6	6.688	67	229699	63.280	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 126.560%#		
41) Toluene-d8	7.896	98	549626	53.179	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 106.360%		
43) trans-1,3-Dichloroprop...	8.176	79	88804	51.292	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 102.580%		
47) 2-Hexanone-d5	8.630	63	152944	104.350	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 104.350%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	355477	56.035	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 112.060%		
66) 1,2-Dichlorobenzene-d4	12.192	152	185253	62.393	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 124.780%#		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2081	0.729	ug/L #	22
12) 1,1-Dichloroethene	2.565	96	1794	0.672	ug/L #	1
13) Acetone	2.623	43	8452	4.304	ug/L	90
39) cis-1,3-Dichloropropene	7.562	75	5454	1.228	ug/L #	77
44) trans-1,3-Dichloropropene	8.179	75	3675	0.818	ug/L #	58
46) Tetrachloroethene	8.552	164	17872	7.818	ug/L	95
49) Dibromochloromethane	8.552	129	17578	4.922	ug/L #	12

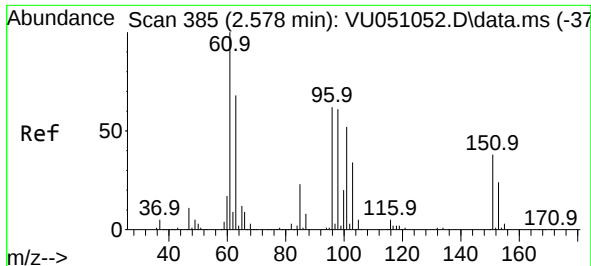
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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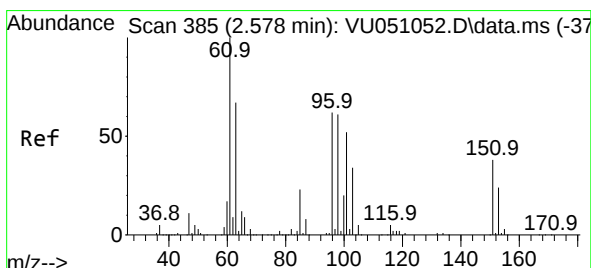
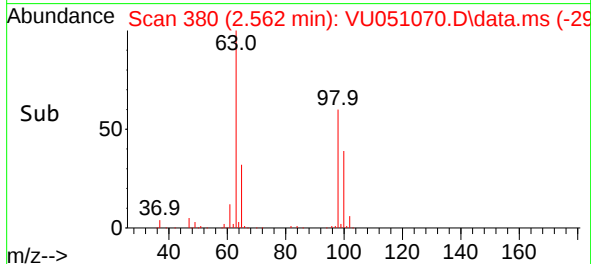
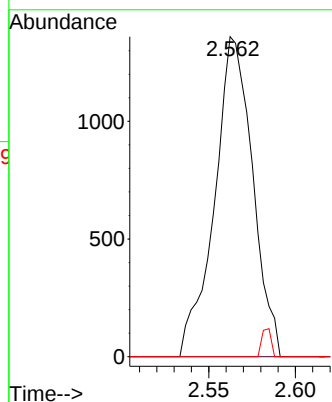
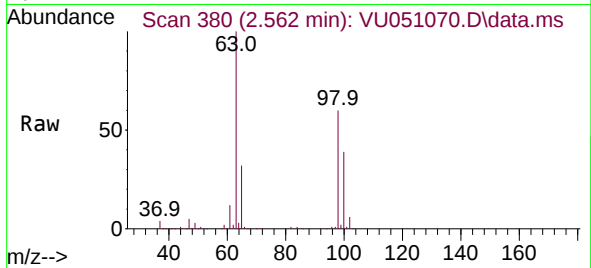




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.729 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU051070.D
 Acq: 01 Oct 2022 05:45

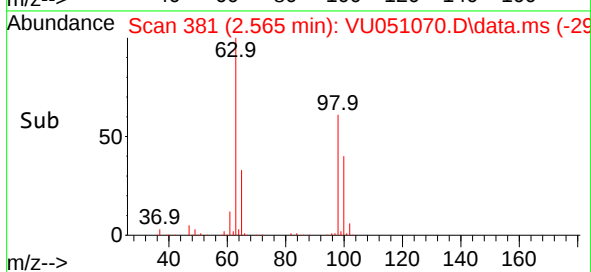
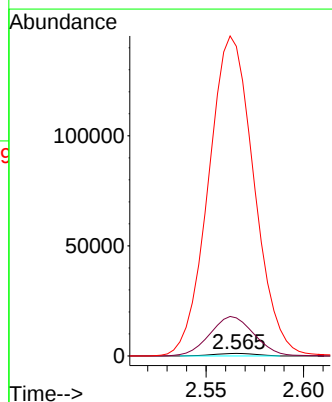
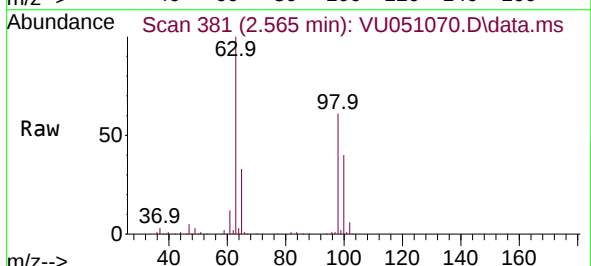
Instrument :
 MSVOA_U
 ClientSampleId :

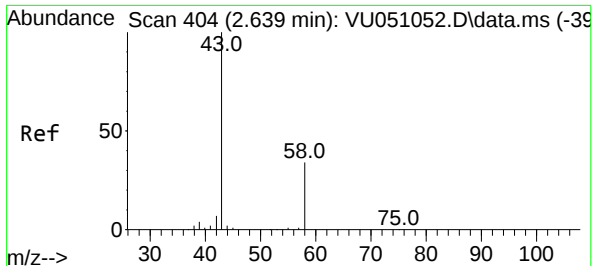
Tgt Ion:101 Resp: 2081
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 2.2 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.672 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU051070.D
 Acq: 01 Oct 2022 05:45

Tgt Ion: 96 Resp: 1794
 Ion Ratio Lower Upper
 96 100
 61 1508.1 113.0 209.9#
 63 12237.4 91.7 170.3#





#13

Acetone

Concen: 4.304 ug/L

RT: 2.623 min Scan# 39

Delta R.T. -0.016 min

Lab File: VU051070.D

Acq: 01 Oct 2022 05:45

Instrument :

MSVOA_U

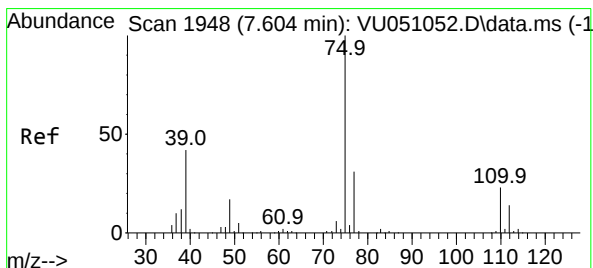
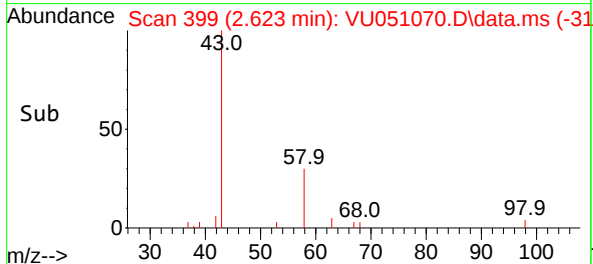
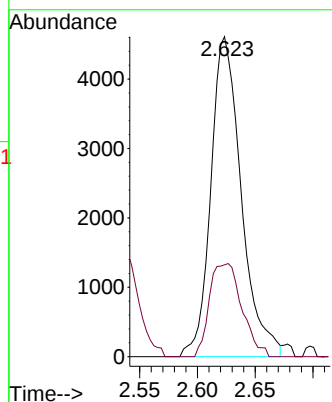
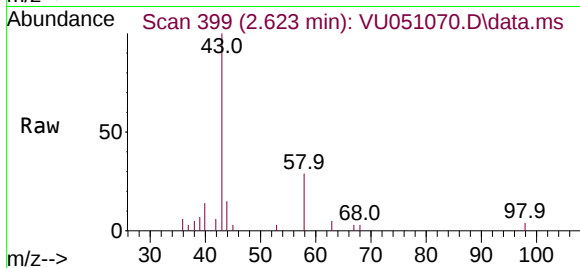
ClientSampleId :

Tgt Ion: 43 Resp: 8452

Ion Ratio Lower Upper

43 100

58 30.6 0.0 73.6



#39

cis-1,3-Dichloropropene

Concen: 1.228 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.041 min

Lab File: VU051070.D

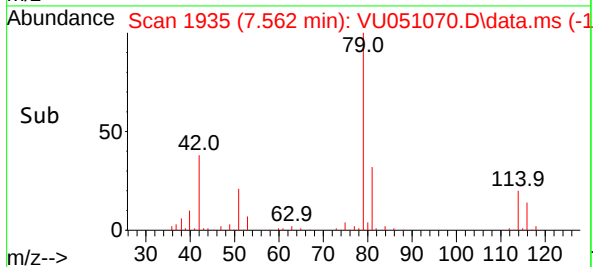
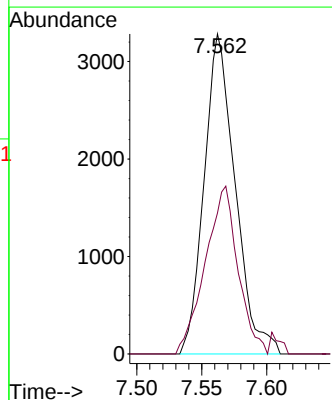
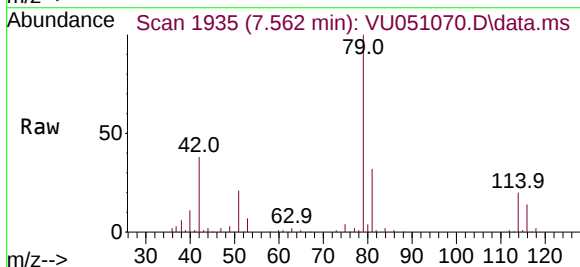
Acq: 01 Oct 2022 05:45

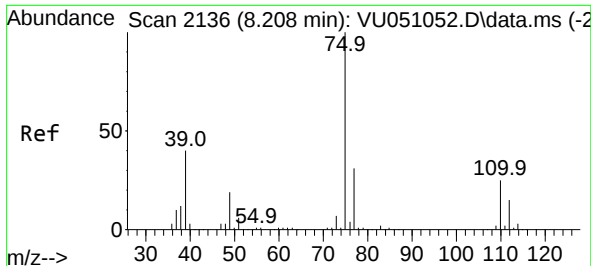
Tgt Ion: 75 Resp: 5454

Ion Ratio Lower Upper

75 100

77 44.1 22.0 41.0#

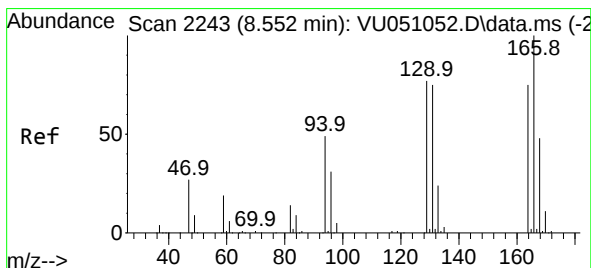
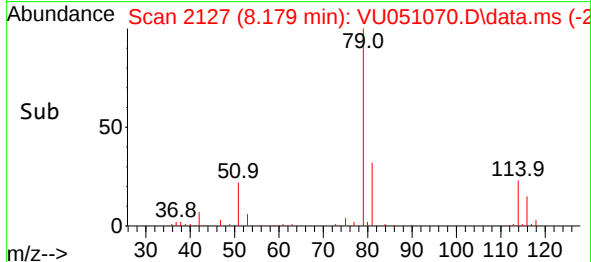
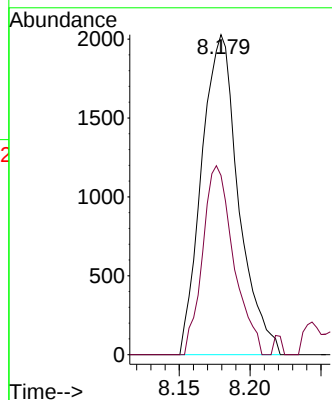
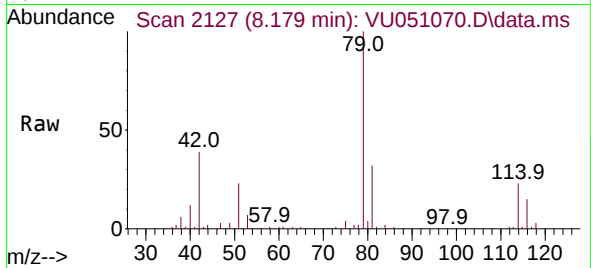




#44
trans-1,3-Dichloropropene
Concen: 0.818 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU051070.D
Acq: 01 Oct 2022 05:45

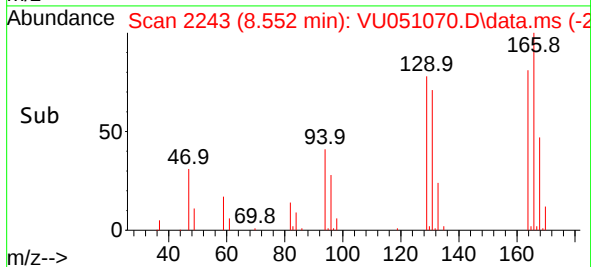
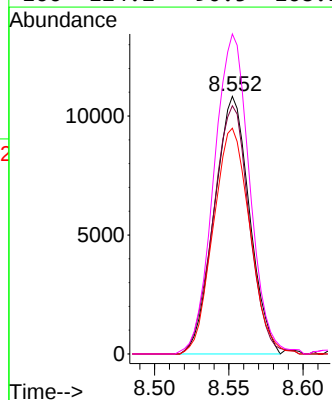
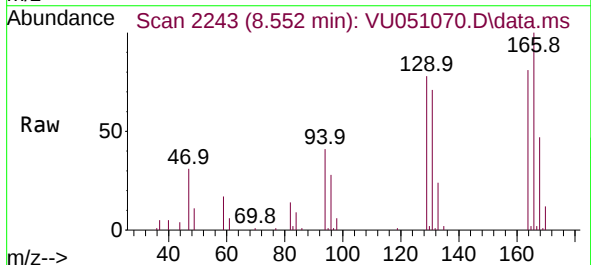
Instrument :
MSVOA_U
ClientSampleId :

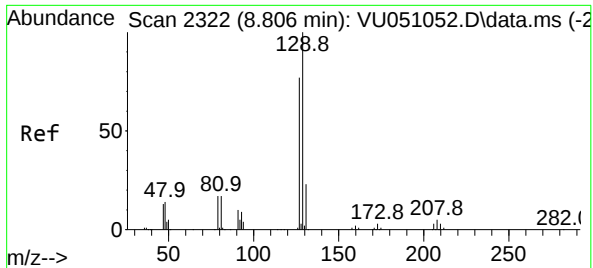
Tgt Ion: 75 Resp: 3675
Ion Ratio Lower Upper
75 100
77 56.0 22.7 42.3#



#46
Tetrachloroethene
Concen: 7.818 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051070.D
Acq: 01 Oct 2022 05:45

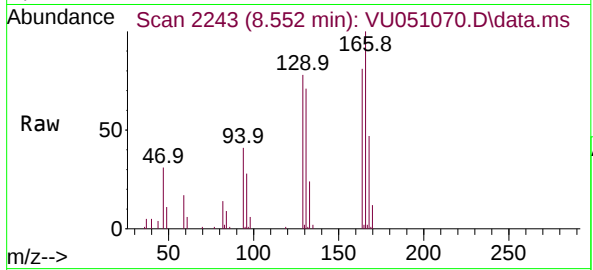
Tgt Ion: 164 Resp: 17872
Ion Ratio Lower Upper
164 100
129 96.3 68.1 126.5
131 87.6 67.8 126.0
166 124.2 90.5 168.1





#49
 Dibromochloromethane
 Concen: 4.922 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.254 min
 Lab File: VU051070.D
 Acq: 01 Oct 2022 05:45

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:129 Resp: 17578
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.8 98.0#

