

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053503.D
 Acq On : 31 Mar 2023 19:46
 Operator : JC/MD
 Sample : 02130-07ME
 Misc : 5.62g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 01 05:09:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

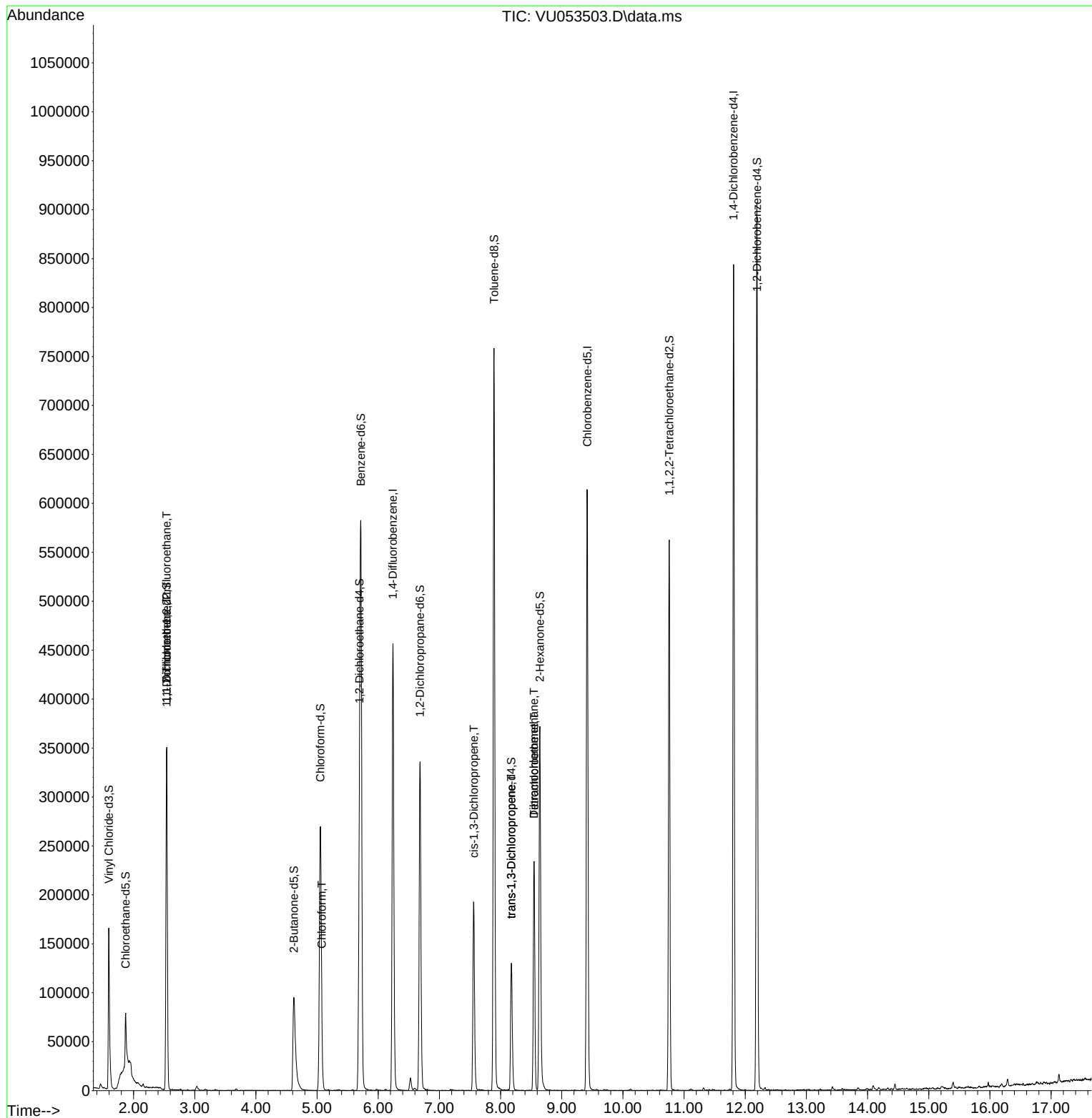
Internal Standards						
1) 1,4-Difluorobenzene	6.240	114	421285	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	408365	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	235517	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	146489	44.656	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.320%		
7) Chloroethane-d5	1.871	69	42079	16.637	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	33.280%#		
11) 1,1-Dichloroethene-d2	2.539	63	195308	38.462	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.920%		
21) 2-Butanone-d5	4.620	46	168886	113.711	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.710%		
24) Chloroform-d	5.054	84	252679	46.575	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.160%		
26) 1,2-Dichloroethane-d4	5.694	65	165426	51.603	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.200%		
32) Benzene-d6	5.716	84	545412	49.480	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.960%		
36) 1,2-Dichloropropane-d6	6.684	67	163771	48.608	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.220%		
41) Toluene-d8	7.893	98	542181	49.488	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.980%		
43) trans-1,3-Dichloroprop...	8.176	79	85559	49.196	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.400%		
47) 2-Hexanone-d5	8.642	63	146083	127.044	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	127.040%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	259232	54.590	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	109.180%		
66) 1,2-Dichlorobenzene-d4	12.192	152	257006	52.279	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.560%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.543	101	2141	0.738	ug/L #	18
12) 1,1-Dichloroethene	2.543	96	1583	0.612	ug/L #	1
25) Chloroform	5.076	83	11077	2.244	ug/L	98
39) cis-1,3-Dichloropropene	7.562	75	4973	1.126	ug/L #	69
44) trans-1,3-Dichloropropene	8.176	75	3748	0.898	ug/L	91
46) Tetrachloroethene	8.549	164	54321	20.342	ug/L	99
49) Dibromochloromethane	8.545	129	51270	16.623	ug/L #	11

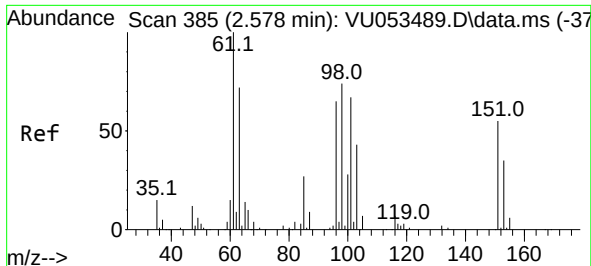
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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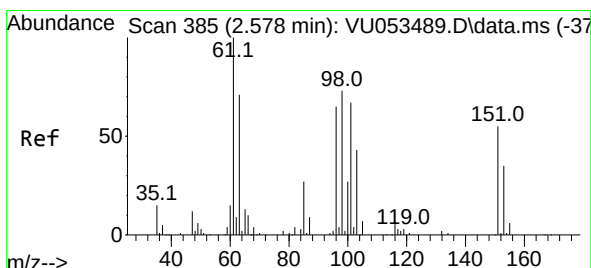
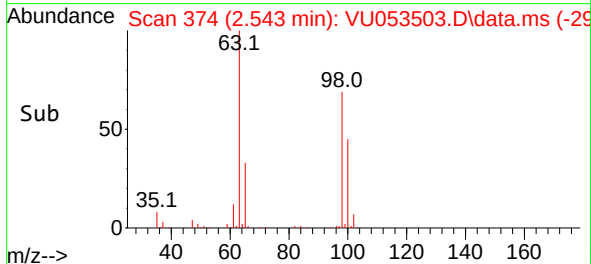
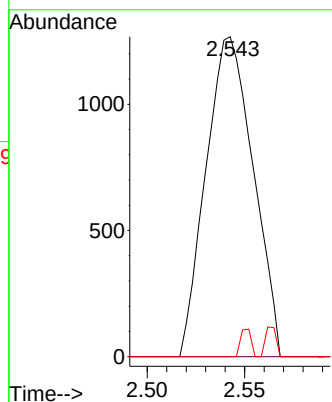
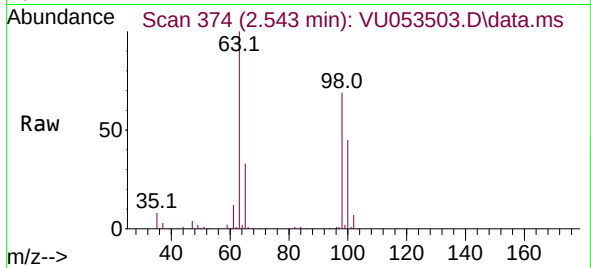




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.738 ug/L
 RT: 2.543 min Scan# 374
 Delta R.T. -0.035 min
 Lab File: VU053503.D
 Acq: 31 Mar 2023 19:46

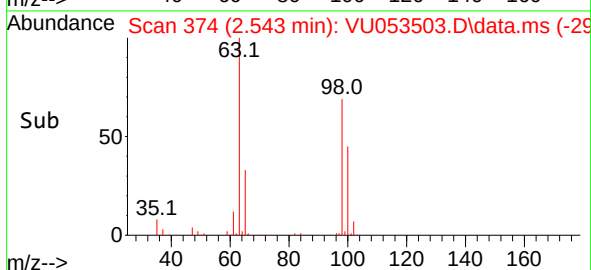
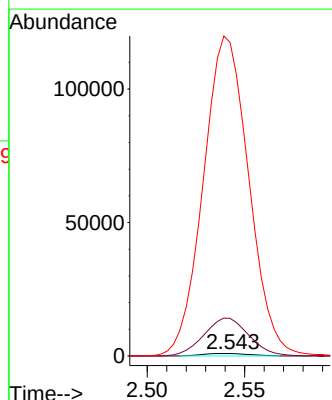
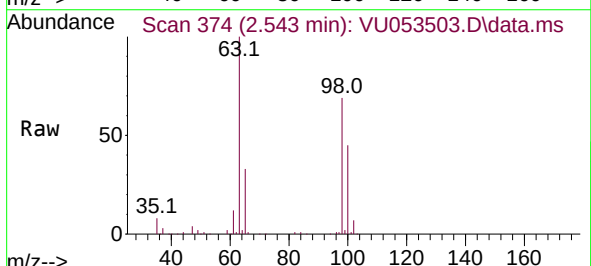
Instrument :
 MSVOA_W
 ClientSampleId :

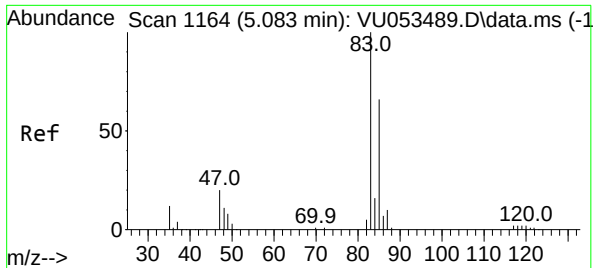
Tgt Ion: 101 Resp: 2141
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.6 48.8#
 151 1.9 65.8 98.6#



#12
 1,1-Dichloroethene
 Concen: 0.612 ug/L
 RT: 2.543 min Scan# 374
 Delta R.T. -0.035 min
 Lab File: VU053503.D
 Acq: 31 Mar 2023 19:46

Tgt Ion: 96 Resp: 1583
 Ion Ratio Lower Upper
 96 100
 61 1520.3 107.9 200.5#
 63 12699.7 79.1 146.9#





#25

Chloroform

Concen: 2.244 ug/L

RT: 5.076 min Scan# 1162

Delta R.T. -0.006 min

Lab File: VU053503.D

Acq: 31 Mar 2023 19:46

Instrument :

MSVOA_W

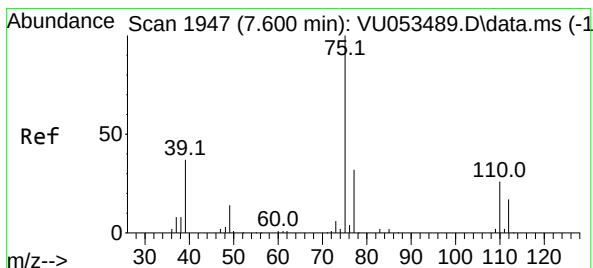
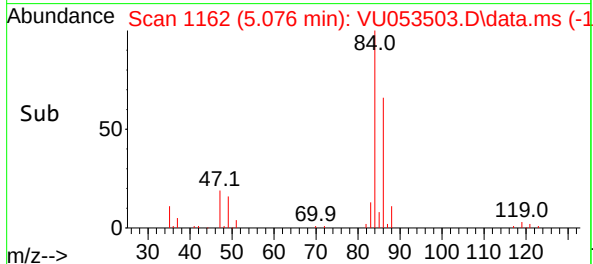
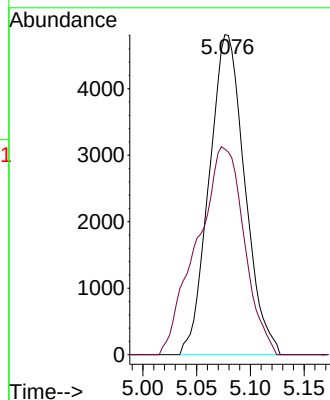
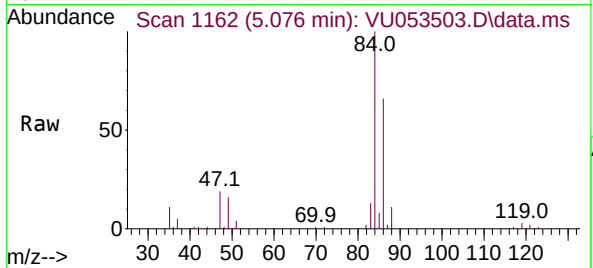
ClientSampleId :

Tgt Ion: 83 Resp: 11077

Ion Ratio Lower Upper

83 100

85 64.3 46.1 85.5



#39

cis-1,3-Dichloropropene

Concen: 1.126 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.039 min

Lab File: VU053503.D

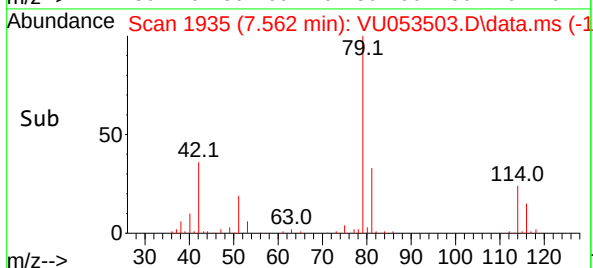
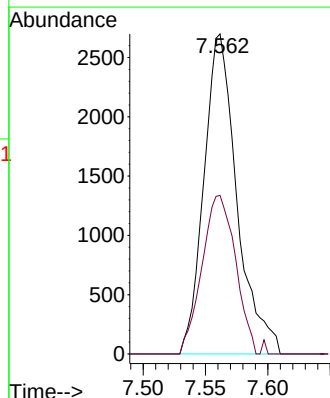
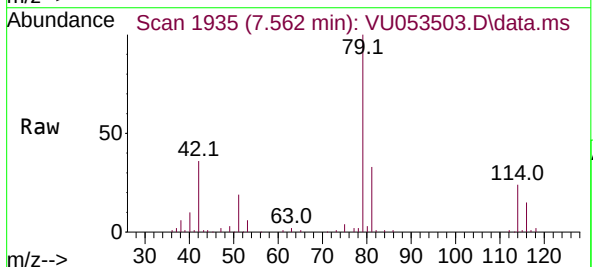
Acq: 31 Mar 2023 19:46

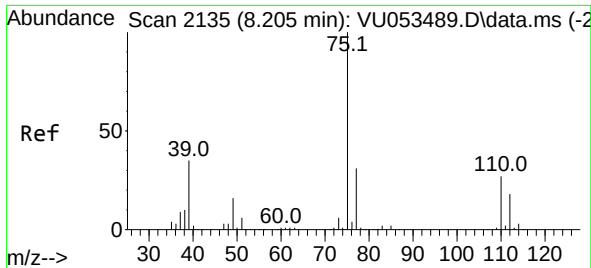
Tgt Ion: 75 Resp: 4973

Ion Ratio Lower Upper

75 100

77 49.6 22.5 41.7#

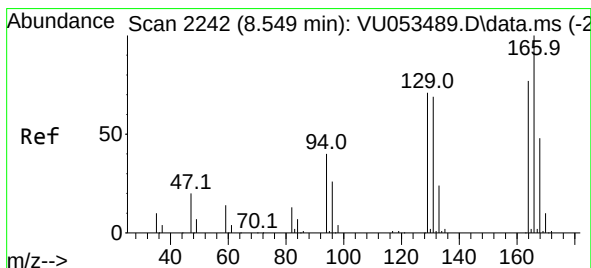
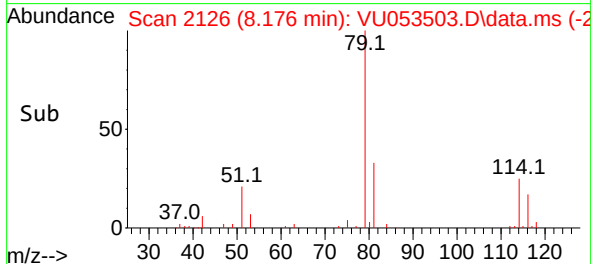
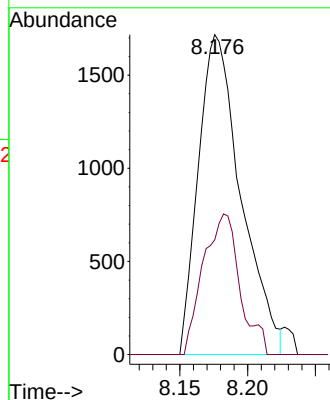
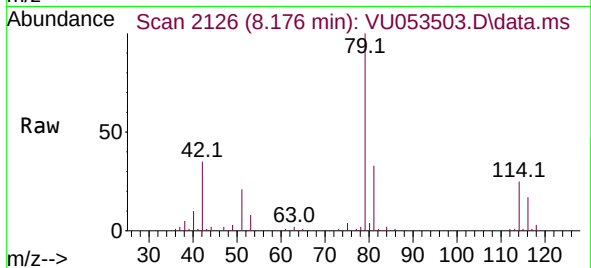




#44
trans-1,3-Dichloropropene
Concen: 0.898 ug/L
RT: 8.176 min Scan# 2135
Delta R.T. -0.029 min
Lab File: VU053503.D
Acq: 31 Mar 2023 19:46

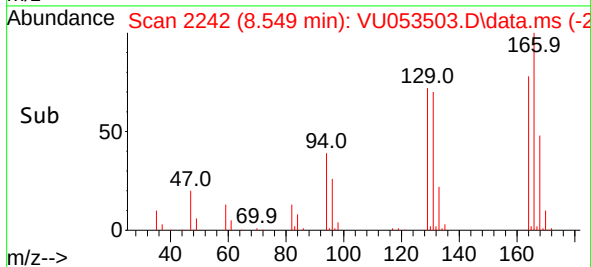
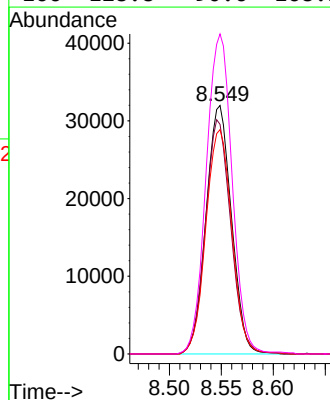
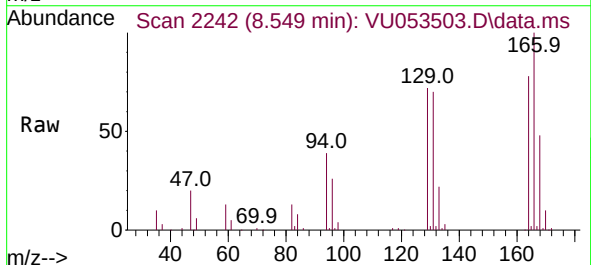
Instrument :
MSVOA_W
ClientSampleId :

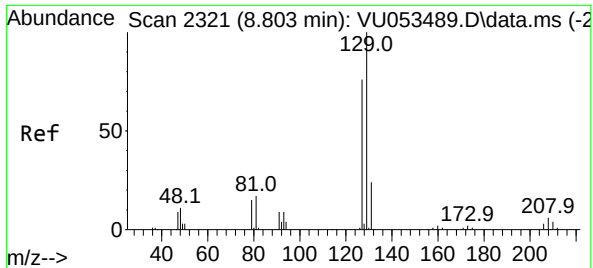
Tgt Ion: 75 Resp: 3748
Ion Ratio Lower Upper
75 100
77 35.9 21.8 40.4



#46
Tetrachloroethene
Concen: 20.342 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053503.D
Acq: 31 Mar 2023 19:46

Tgt Ion:164 Resp: 54321
Ion Ratio Lower Upper
164 100
129 92.4 64.0 119.0
131 90.3 61.9 115.1
166 128.8 90.6 168.2





#49
 Dibromochloromethane
 Concen: 16.623 ug/L
 RT: 8.545 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU053503.D
 Acq: 31 Mar 2023 19:46

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:129 Resp: 51270
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.5 99.3#

