

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050322\
 Data File : VU048392.D
 Acq On : 03 May 2022 15:54
 Operator : SY/MD
 Sample : N2668-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 04 01:40:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 04 01:37:47 2022
 Response via : Initial Calibration

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

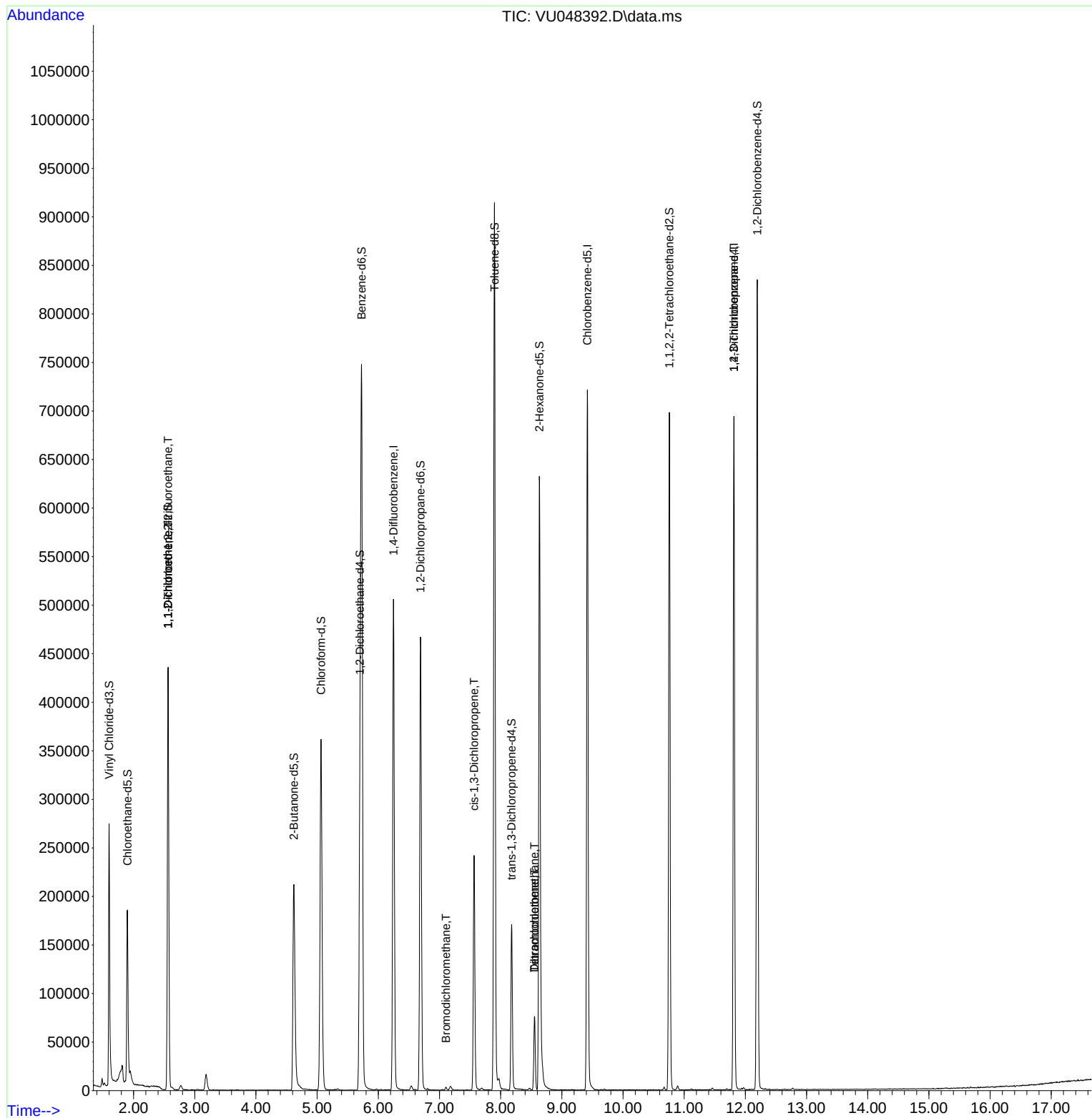
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	434190	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	431748	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	200485	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	214689	53.771	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 107.540%		
7) Chloroethane-d5	1.900	69	153302	54.699	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 109.400%		
11) 1,1-Dichloroethene-d2	2.562	63	251277	39.278	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 78.560%		
21) 2-Butanone-d5	4.620	46	303484	89.119	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 89.120%		
24) Chloroform-d	5.063	84	342717	47.323	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 94.640%		
26) 1,2-Dichloroethane-d4	5.700	65	213785	49.753	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 99.500%		
32) Benzene-d6	5.726	84	728002	53.464	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 106.920%		
36) 1,2-Dichloropropane-d6	6.690	67	232902	51.736	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 103.480%		
41) Toluene-d8	7.899	98	637962	51.687	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 103.380%		
43) trans-1,3-Dichloroprop...	8.179	79	97092	48.878	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 97.760%		
47) 2-Hexanone-d5	8.632	63	216664	89.207	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 89.210%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	356369	45.137	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 90.280%		
66) 1,2-Dichlorobenzene-d4	12.195	152	242321	53.730	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 107.460%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2301	0.703	ug/L #	18
12) 1,1-Dichloroethene	2.562	96	2122	0.743	ug/L #	1
38) Bromodichloromethane	7.105	83	2244	0.489	ug/L	81
39) cis-1,3-Dichloropropene	7.565	75	5558	1.087	ug/L #	48
46) Tetrachloroethene	8.552	164	18614	6.922	ug/L	99
49) Dibromochloromethane	8.552	129	16577	3.953	ug/L #	11
60) 1,2,3-Trichloropropane	11.812	75	20775	4.442	ug/L #	66

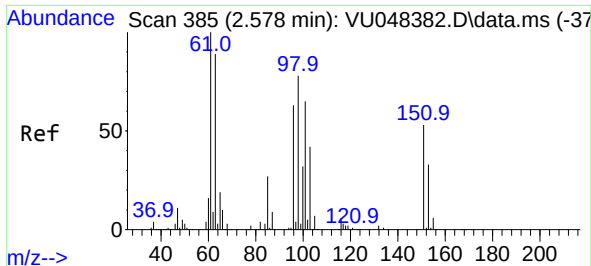
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed May 04 01:37:47 2022
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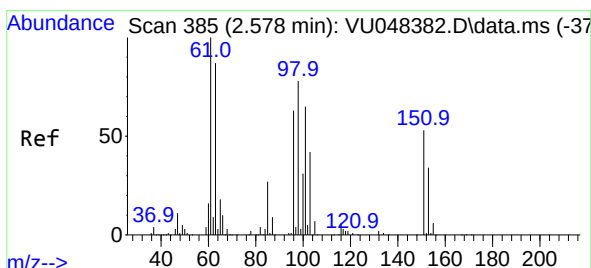
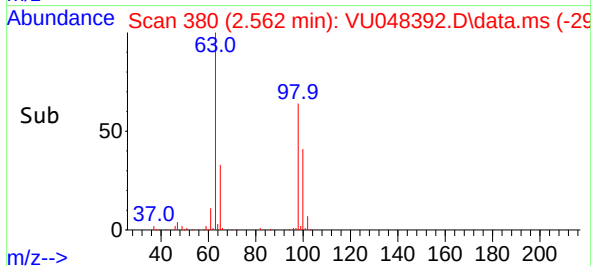
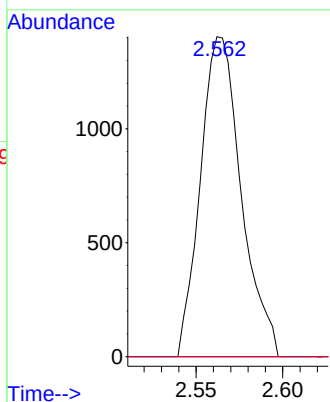
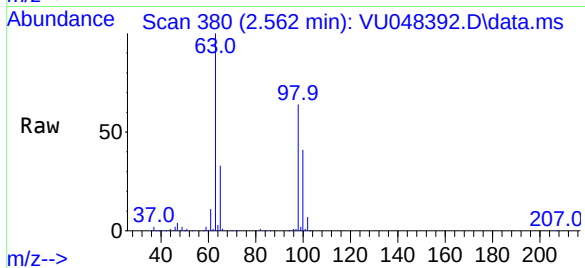




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.703 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU048392.D
Acq: 03 May 2022 15:54

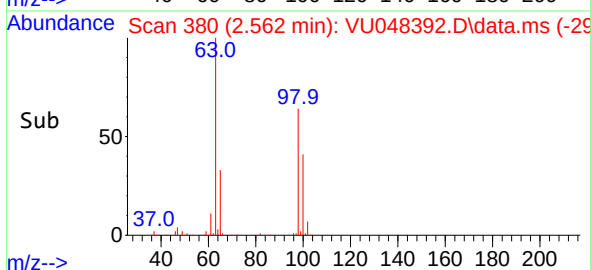
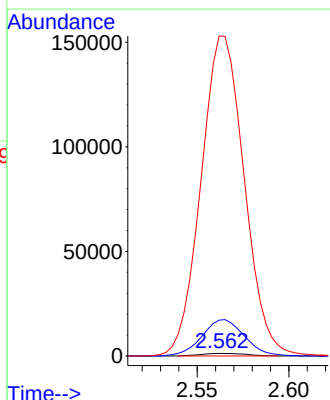
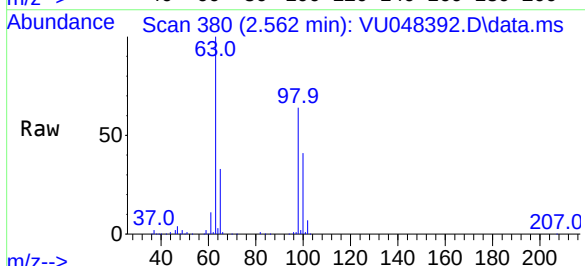
Instrument :
MSVOA_U
ClientSampleId :

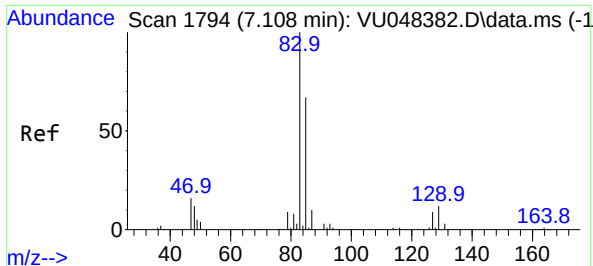
Tgt Ion:101 Resp: 2301
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 64.1 96.1#



#12
1,1-Dichloroethene
Concen: 0.743 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU048392.D
Acq: 03 May 2022 15:54

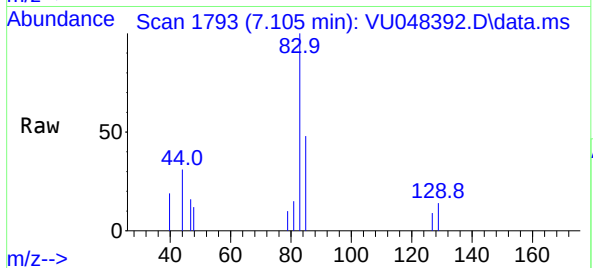
Tgt Ion: 96 Resp: 2122
Ion Ratio Lower Upper
96 100
61 1394.8 107.9 200.3#
63 12420.8 80.3 149.1#



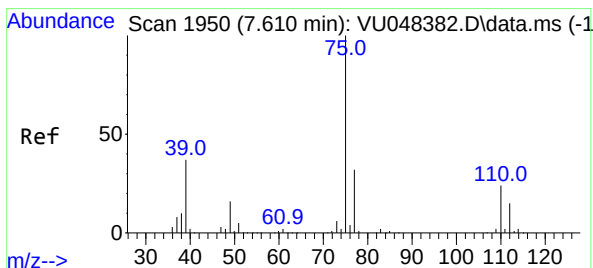
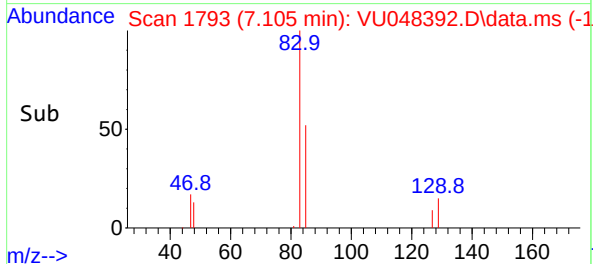
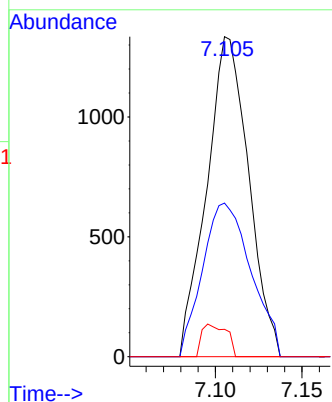


#38
Bromodichloromethane
Concen: 0.489 ug/L
RT: 7.105 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048392.D
Acq: 03 May 2022 15:54

Instrument :
MSVOA_U
ClientSampleId :

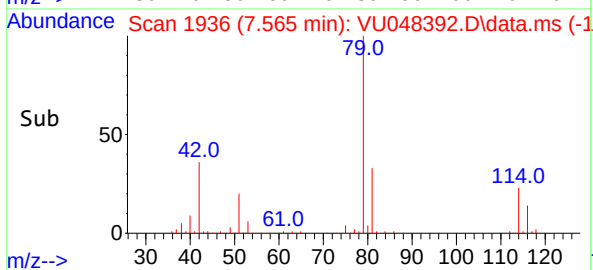
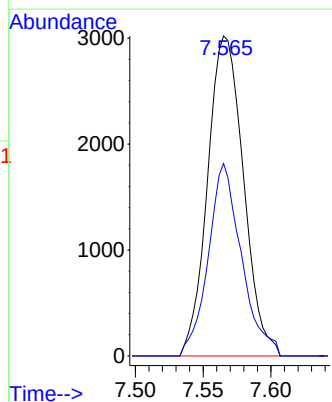
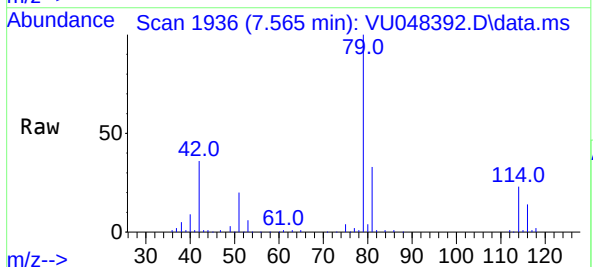


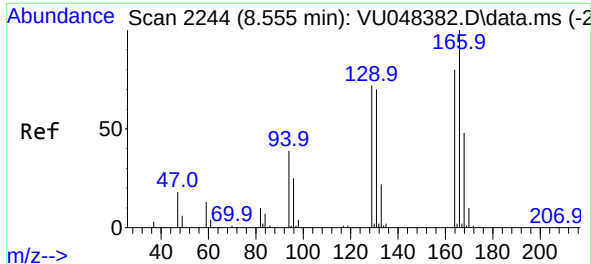
Tgt Ion: 83 Resp: 2244
Ion Ratio Lower Upper
83 100
85 48.0 45.3 84.1
127 8.5 7.2 10.8



#39
cis-1,3-Dichloropropene
Concen: 1.087 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU048392.D
Acq: 03 May 2022 15:54

Tgt Ion: 75 Resp: 5558
Ion Ratio Lower Upper
75 100
77 60.1 22.0 41.0#





#46

Tetrachloroethene

Concen: 6.922 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU048392.D

Acq: 03 May 2022 15:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 18614

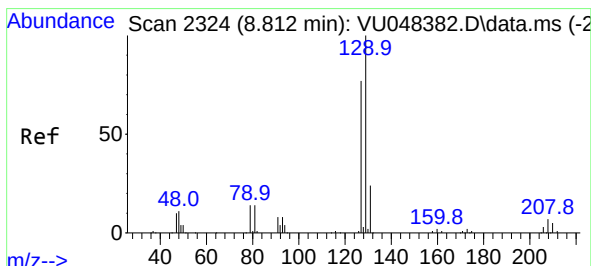
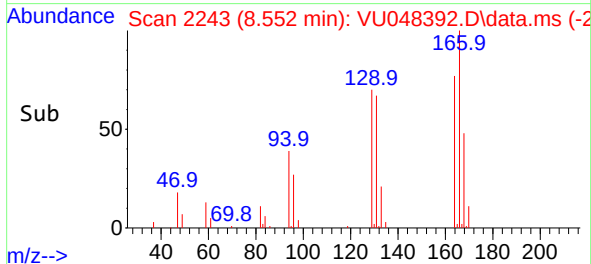
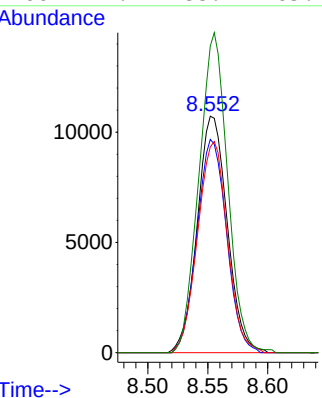
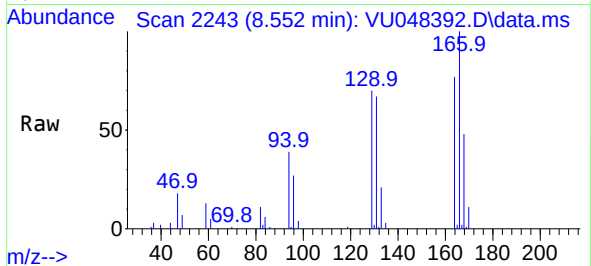
Ion Ratio Lower Upper

164 100

129 90.2 63.3 117.7

131 87.0 61.2 113.6

166 129.7 88.9 165.1



#49

Dibromochloromethane

Concen: 3.953 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.260 min

Lab File: VU048392.D

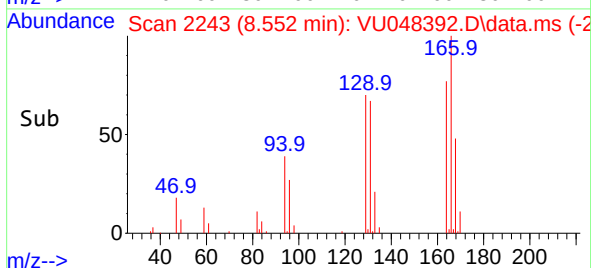
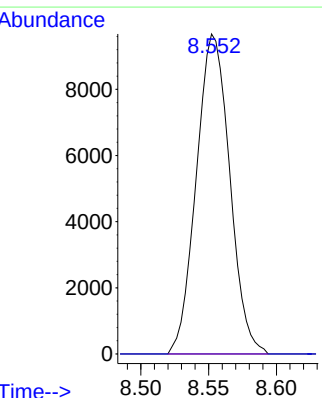
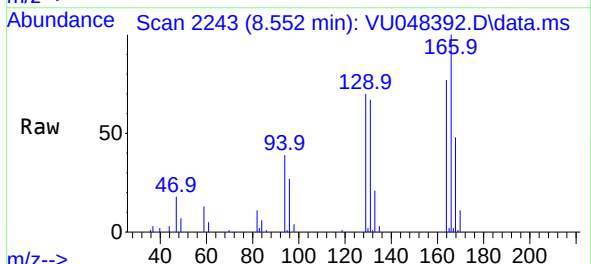
Acq: 03 May 2022 15:54

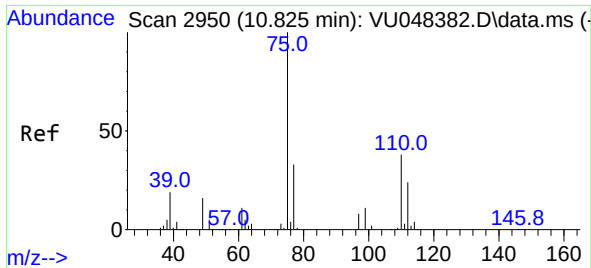
Tgt Ion:129 Resp: 16577

Ion Ratio Lower Upper

129 100

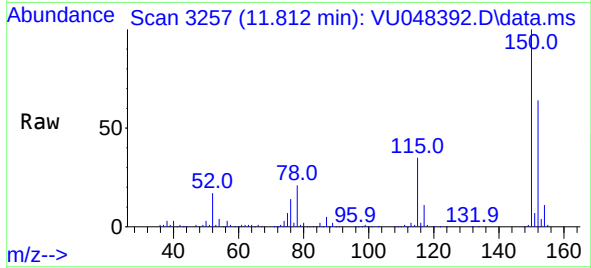
127 0.0 53.8 99.8#





#60
 1,2,3-Trichloropropane
 Concen: 4.442 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU048392.D
 Acq: 03 May 2022 15:54

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp: 20775
Ion Ratio	Lower Upper
75	100
77	28.8 25.8 38.8
110	2.5 29.9 44.9#

