

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102022\
 Data File : VU051476.D
 Acq On : 20 Oct 2022 16:53
 Operator : JC/MD
 Sample : N5180-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 20 22:27:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 20 21:53:25 2022
 Response via : Initial Calibration

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

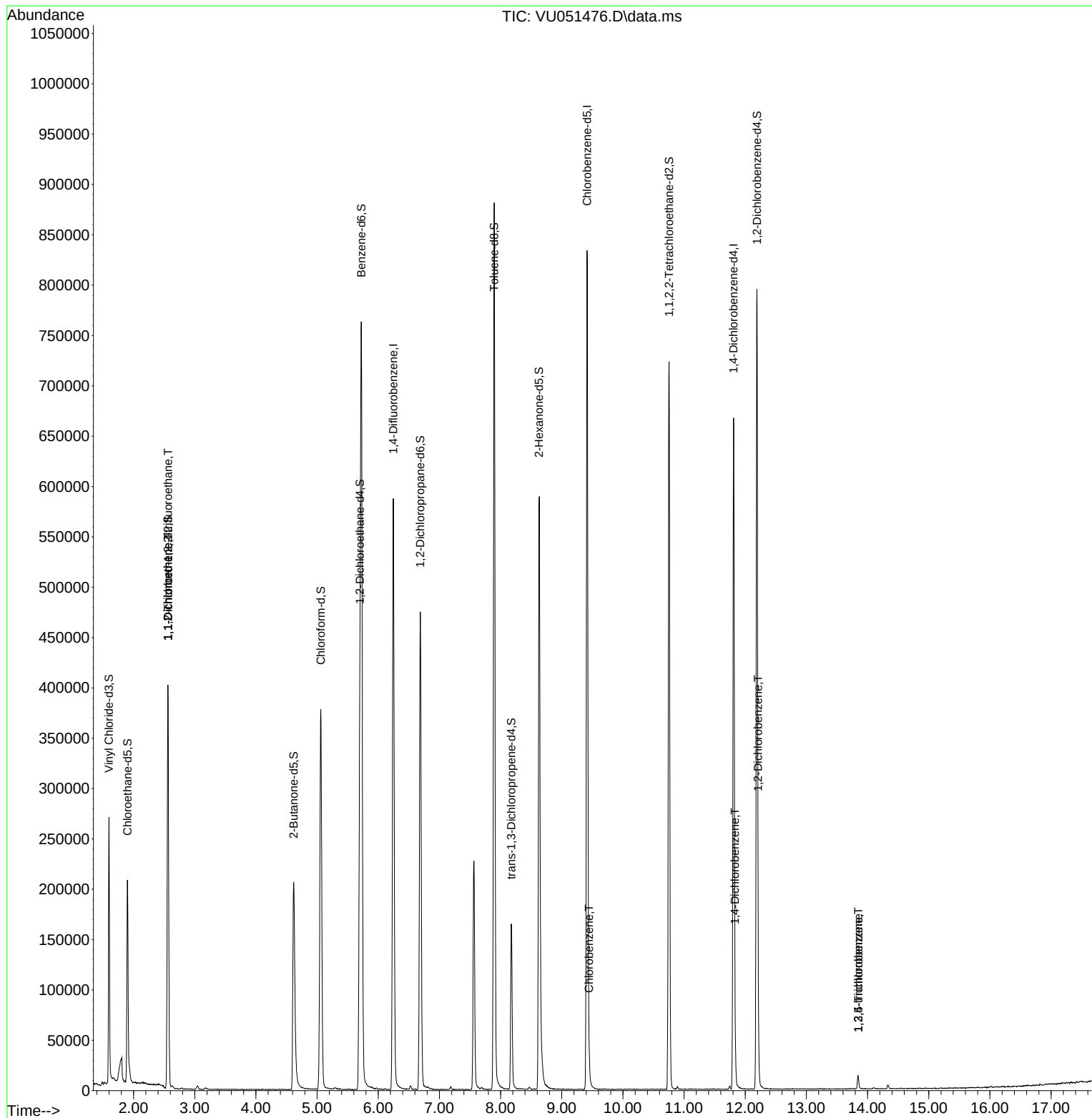
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	474222	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	465013	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	180652	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	186883	49.665	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.340%			
7) Chloroethane-d5	1.899	69	166279	53.639	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.280%			
11) 1,1-Dichloroethene-d2	2.562	63	240265	37.510	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.020%			
21) 2-Butanone-d5	4.616	46	293309	110.579	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.580%			
24) Chloroform-d	5.060	84	354164	51.244	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.480%			
26) 1,2-Dichloroethane-d4	5.700	65	226282	52.664	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.320%			
32) Benzene-d6	5.722	84	716823	56.923	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.840%			
36) 1,2-Dichloropropane-d6	6.687	67	235811	57.023	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 114.040%			
41) Toluene-d8	7.896	98	601978	52.445	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.900%			
43) trans-1,3-Dichloroprop...	8.176	79	93374	53.028	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.060%			
47) 2-Hexanone-d5	8.629	63	189424	104.289	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.290%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	365990	50.946	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.900%			
66) 1,2-Dichlorobenzene-d4	12.192	152	209718	62.014	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 124.020%#			
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2371	0.640	ug/L #	22
12) 1,1-Dichloroethene	2.562	96	1859	0.529	ug/L #	1
51) Chlorobenzene	9.446	112	12187	1.193	ug/L	95
65) 1,4-Dichlorobenzene	11.832	146	10818	1.817	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	12841	2.129	ug/L	97
69) 1,3,5-Trichlorobenzene	13.848	180	5095	1.312	ug/L	96
70) 1,2,4-trichlorobenzene	13.848	180	5095	1.704	ug/L	97

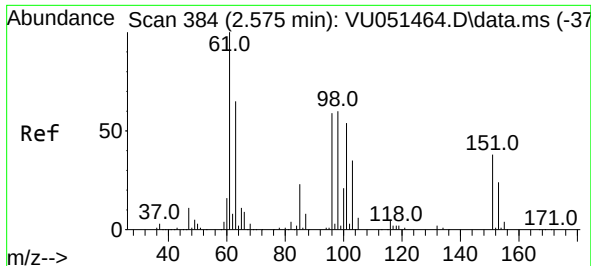
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 20 22:27:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 20 21:53:25 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.640 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.013 min

Lab File: VU051476.D

Acq: 20 Oct 2022 16:53

Instrument :

MSVOA_U

ClientSampleId :

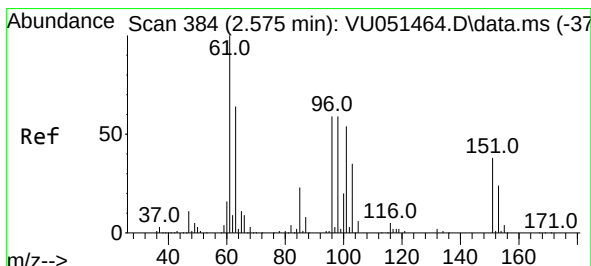
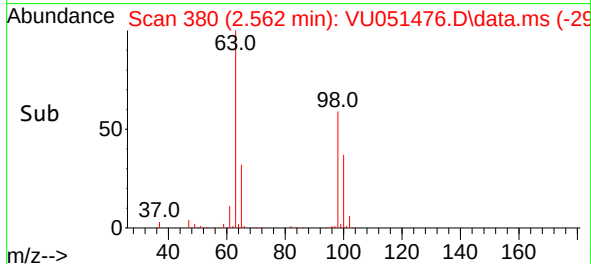
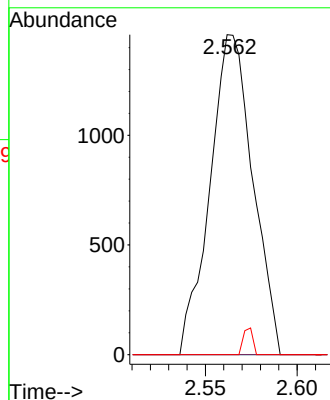
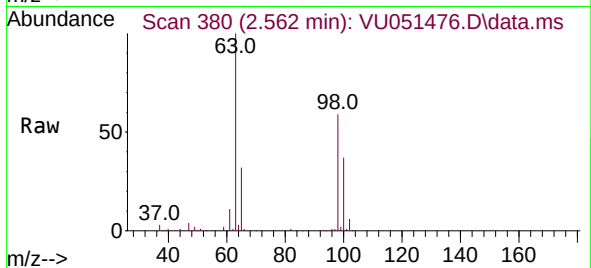
Tgt Ion:101 Resp: 2371

Ion Ratio Lower Upper

101 100

85 0.0 35.2 52.8#

151 1.9 57.8 86.8#



#12

1,1-Dichloroethene

Concen: 0.529 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.013 min

Lab File: VU051476.D

Acq: 20 Oct 2022 16:53

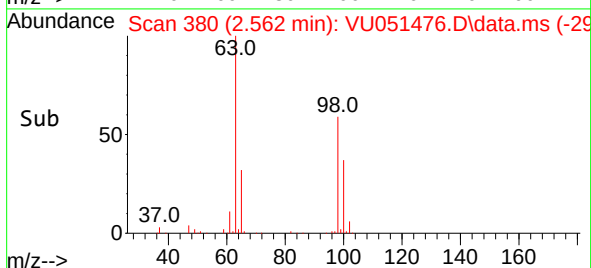
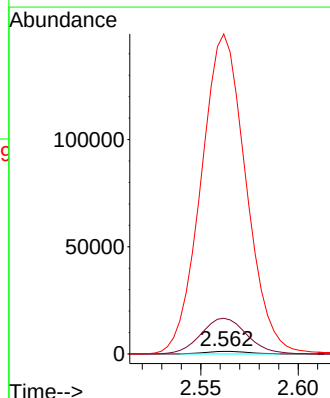
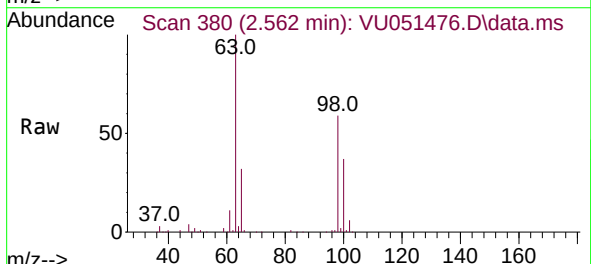
Tgt Ion: 96 Resp: 1859

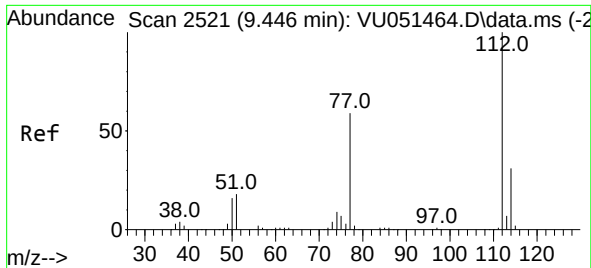
Ion Ratio Lower Upper

96 100

61 1349.6 119.0 221.0#

63 12104.5 78.5 145.7#

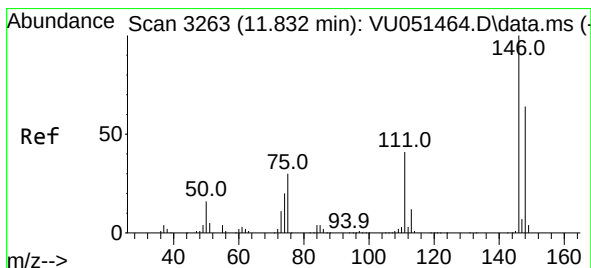
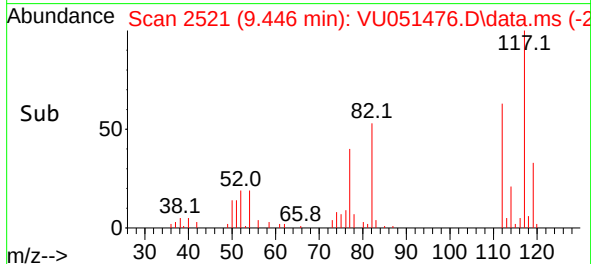
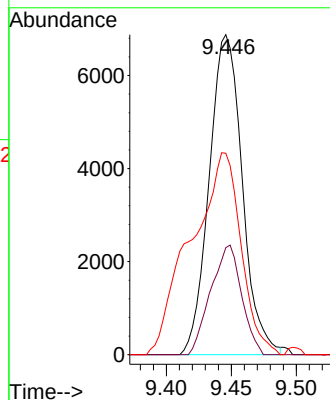
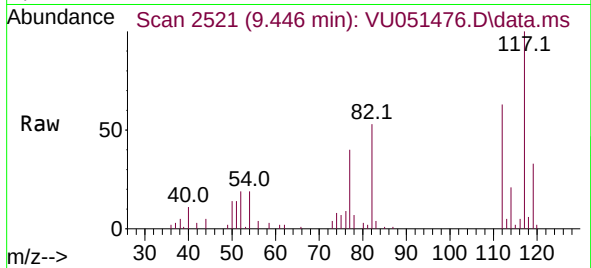




#51
Chlorobenzene
Concen: 1.193 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051476.D
Acq: 20 Oct 2022 16:53

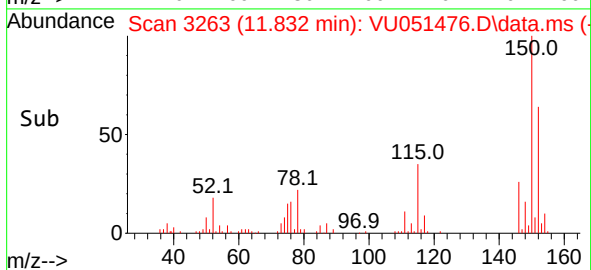
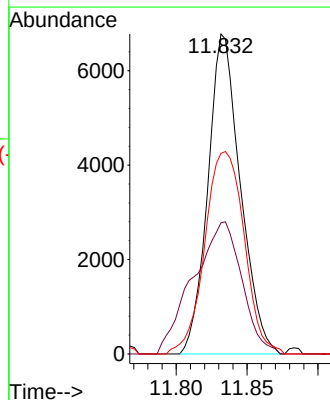
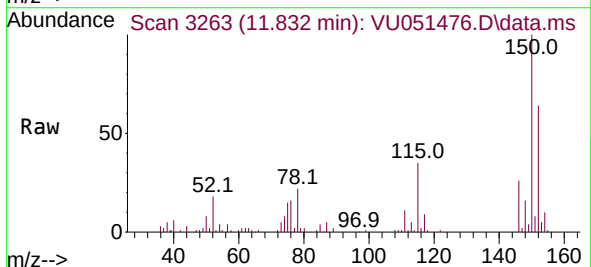
Instrument :
MSVOA_U
ClientSampleId :

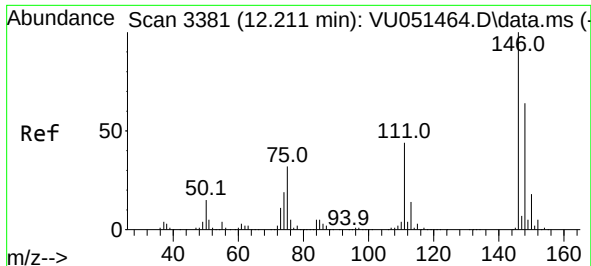
Tgt Ion:112 Resp: 12187
Ion Ratio Lower Upper
112 100
114 33.5 21.9 40.7
77 62.9 47.3 70.9



#65
1,4-Dichlorobenzene
Concen: 1.817 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU051476.D
Acq: 20 Oct 2022 16:53

Tgt Ion:146 Resp: 10818
Ion Ratio Lower Upper
146 100
111 41.0 28.9 53.7
148 62.7 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 2.129 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU051476.D

Acq: 20 Oct 2022 16:53

Instrument :

MSVOA_U

ClientSampleId :

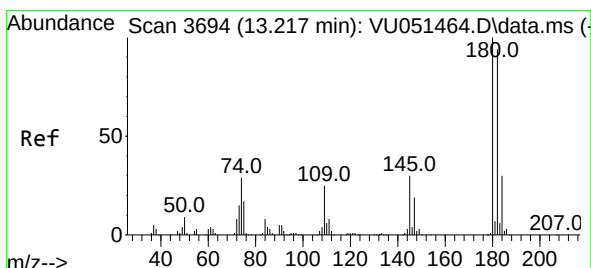
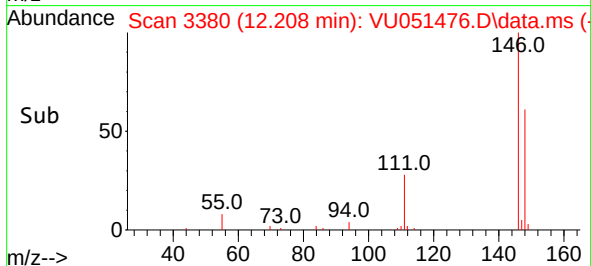
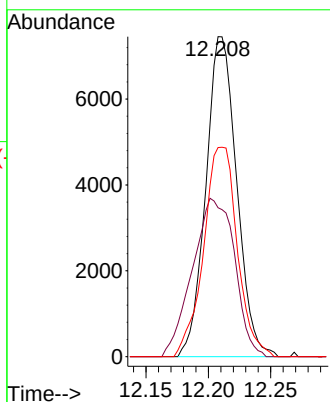
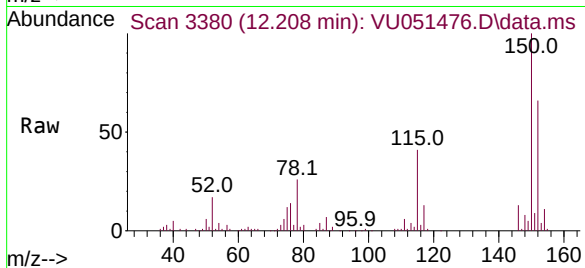
Tgt Ion:146 Resp: 12841

Ion Ratio Lower Upper

146 100

111 46.5 35.3 52.9

148 65.4 51.1 76.7



#69

1,3,5-Trichlorobenzene

Concen: 1.312 ug/L

RT: 13.848 min Scan# 3890

Delta R.T. 0.630 min

Lab File: VU051476.D

Acq: 20 Oct 2022 16:53

Tgt Ion:180 Resp: 5095

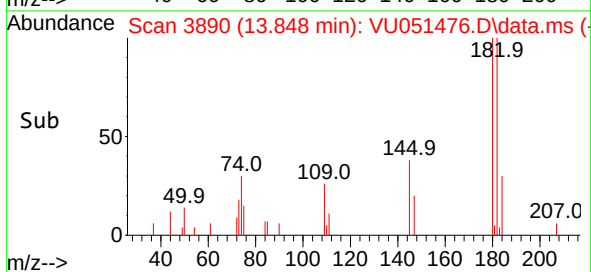
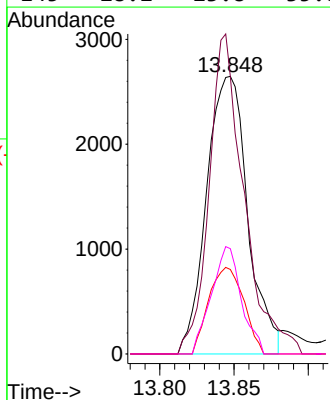
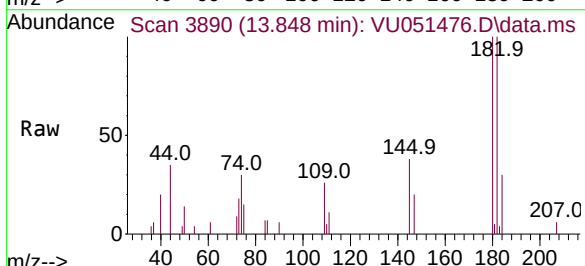
Ion Ratio Lower Upper

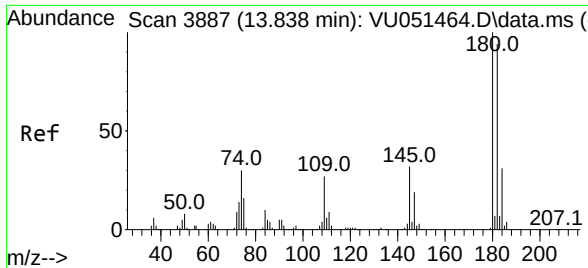
180 100

182 97.9 75.6 113.4

184 26.5 23.9 35.9

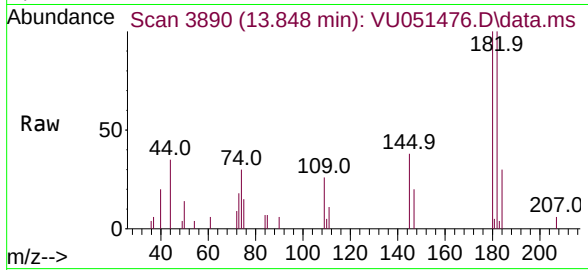
145 28.2 23.8 35.8





#70
 1,2,4-trichlorobenzene
 Concen: 1.704 ug/L
 RT: 13.848 min Scan# 3887
 Delta R.T. 0.010 min
 Lab File: VU051476.D
 Acq: 20 Oct 2022 16:53

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	5095
Ion	Ratio	Lower	Upper
180	100		
182	97.9	76.2	114.4
145	28.2	25.0	37.6

