

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
 Data File : VU053613.D
 Acq On : 10 Apr 2023 14:27
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK123

Quant Time: Apr 11 02:21:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 02:19:45 2023
 Response via : Initial Calibration

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

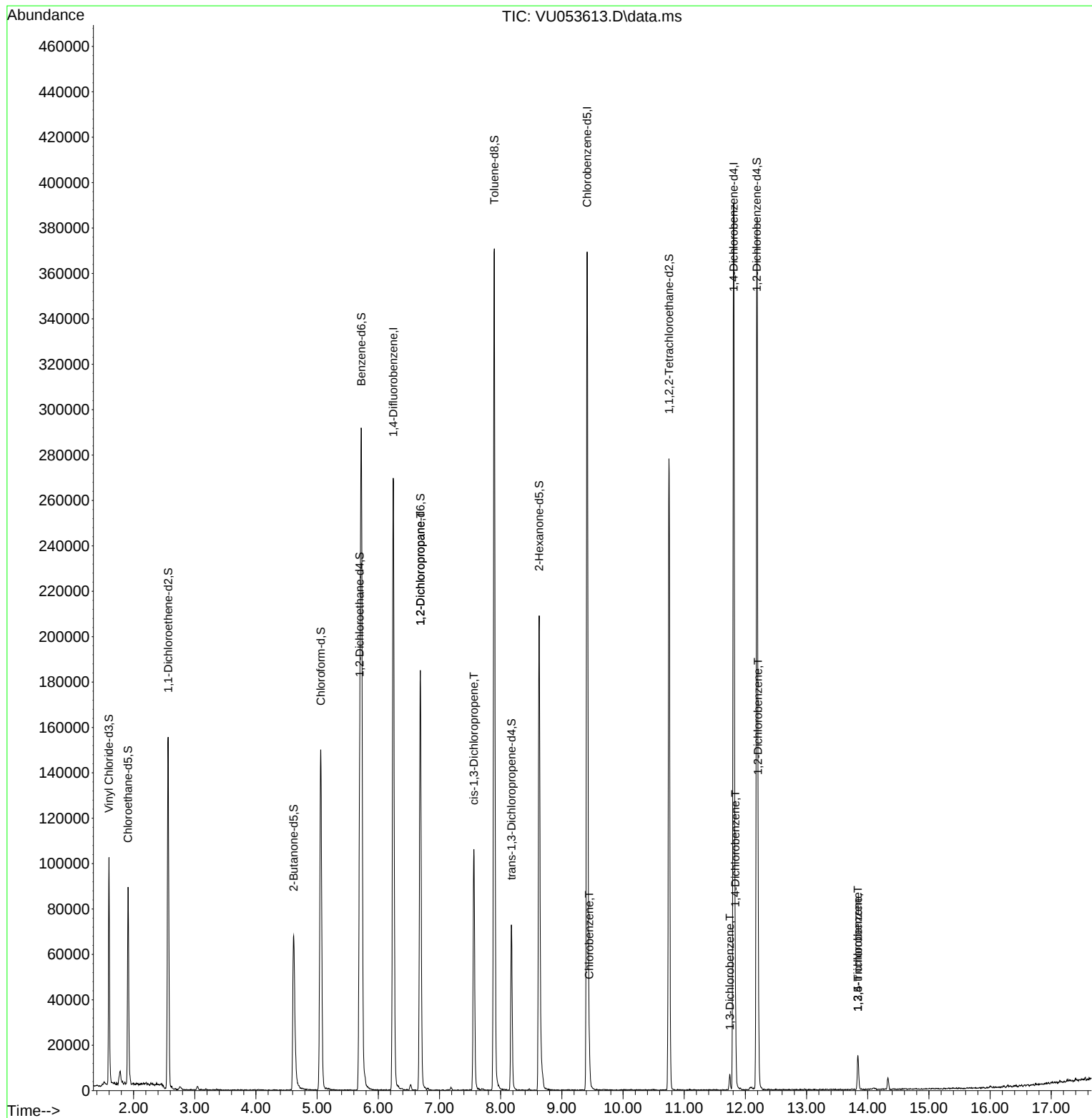
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	231158	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	216896	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	103547	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	71496	39.721	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.440%		
7) Chloroethane-d5	1.909	69	67189	48.414	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.820%		
11) 1,1-Dichloroethene-d2	2.565	63	87836	31.525	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.040%		
21) 2-Butanone-d5	4.616	46	97574	119.732	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	119.730%		
24) Chloroform-d	5.060	84	137832	46.302	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.600%		
26) 1,2-Dichloroethane-d4	5.697	65	93795	53.323	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.640%		
32) Benzene-d6	5.723	84	279511	47.742	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.480%		
36) 1,2-Dichloropropane-d6	6.687	67	90031	50.311	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.620%		
41) Toluene-d8	7.896	98	258520	44.427	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.860%		
43) trans-1,3-Dichloroprop...	8.176	79	43449	47.037	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.080%		
47) 2-Hexanone-d5	8.629	63	74437	121.882	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	121.880%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	133367	52.877	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.760%		
66) 1,2-Dichlorobenzene-d4	12.188	152	102265	47.314	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.620%		
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	6.687	63	10074	7.021	ug/L #	86
39) cis-1,3-Dichloropropene	7.562	75	3101	1.322	ug/L #	68
51) Chlorobenzene	9.446	112	10805	2.449	ug/L	96
64) 1,3-Dichlorobenzene	11.745	146	3341	1.044	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	17317	5.312	ug/L	95
67) 1,2-Dichlorobenzene	12.208	146	12754	4.000	ug/L	95
69) 1,3,5-Trichlorobenzene	13.838	180	5676	2.396	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	5676	2.584	ug/L	97

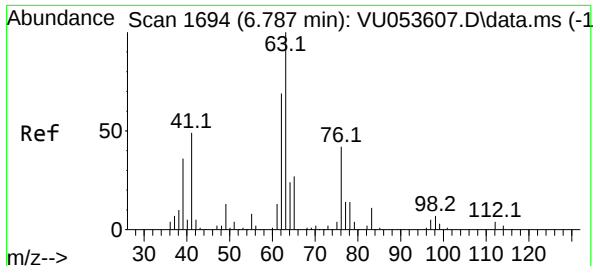
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
Data File : VU053613.D
Acq On : 10 Apr 2023 14:27
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK123

Quant Time: Apr 11 02:21:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 11 02:19:45 2023
Response via : Initial Calibration





#37

1,2-Dichloropropane

Concen: 7.021 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU053613.D

Acq: 10 Apr 2023 14:27

Instrument :

MSVOA_U

ClientSampleId :

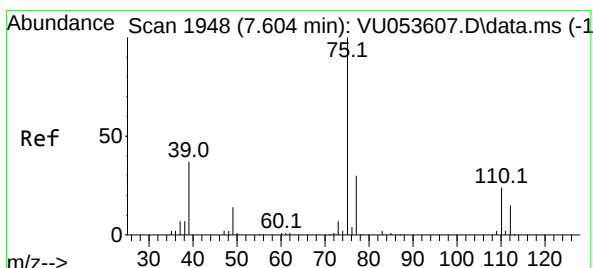
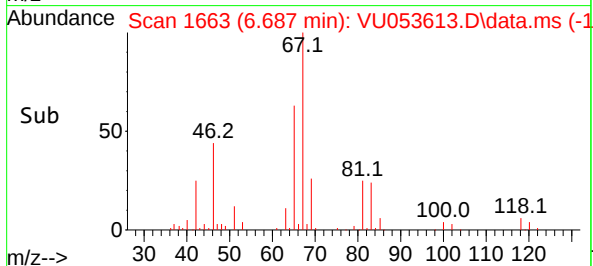
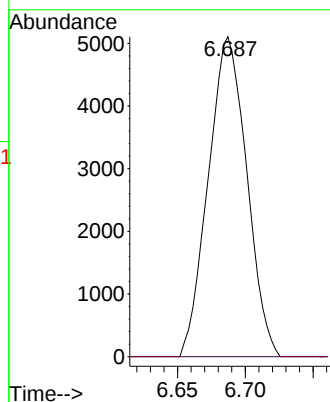
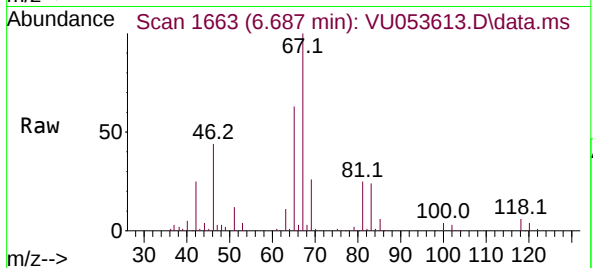
VIBLK123

Tgt Ion: 63 Resp: 10074

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.322 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.042 min

Lab File: VU053613.D

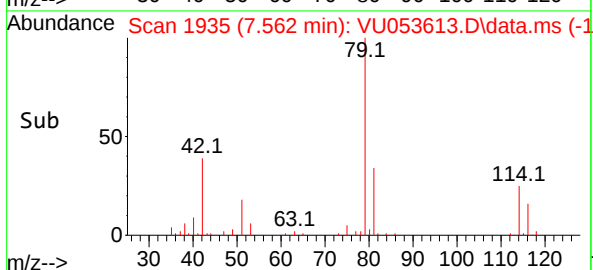
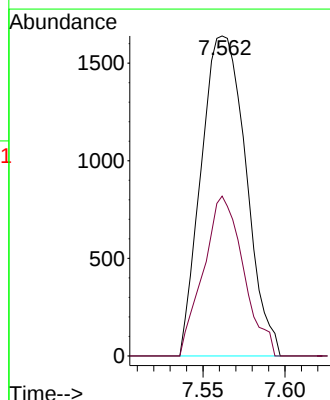
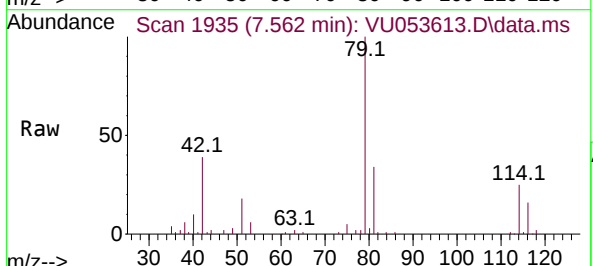
Acq: 10 Apr 2023 14:27

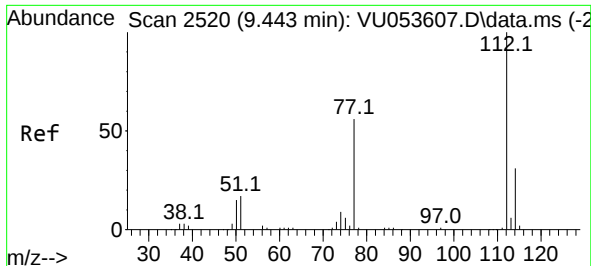
Tgt Ion: 75 Resp: 3101

Ion Ratio Lower Upper

75 100

77 50.0 22.5 41.7#

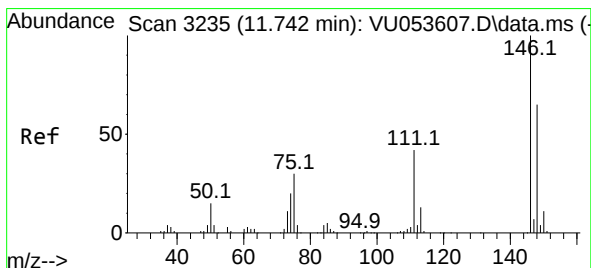
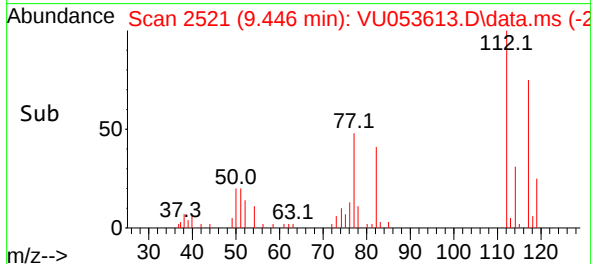
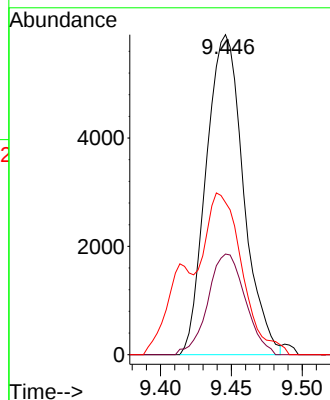
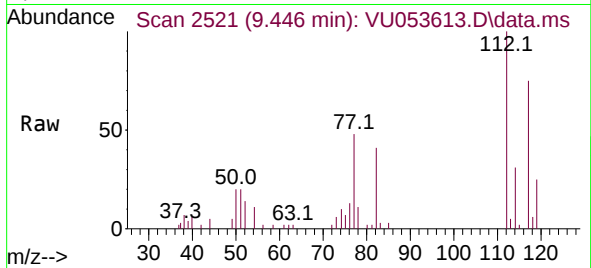




#51
Chlorobenzene
Concen: 2.449 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU053613.D
Acq: 10 Apr 2023 14:27

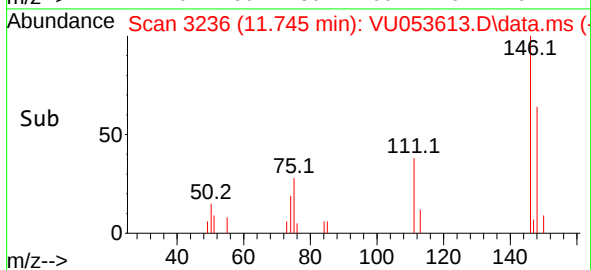
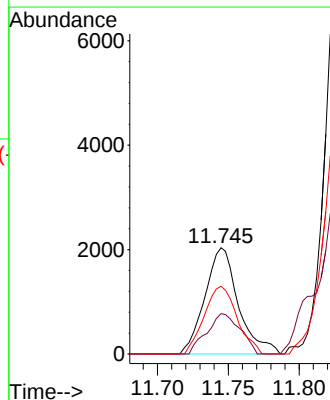
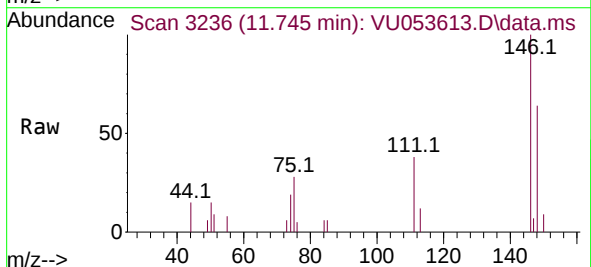
Instrument :
MSVOA_U
ClientSampleId :
VIBLK123

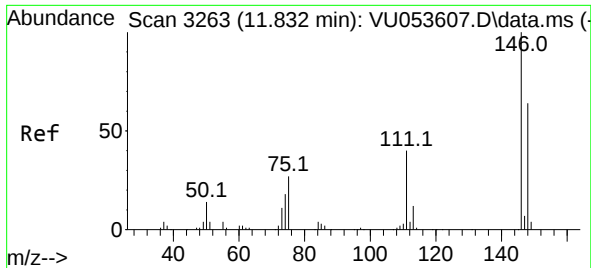
Tgt Ion:112 Resp: 10805
Ion Ratio Lower Upper
112 100
114 31.4 22.2 41.2
77 47.5 41.3 61.9



#64
1,3-Dichlorobenzene
Concen: 1.044 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU053613.D
Acq: 10 Apr 2023 14:27

Tgt Ion:146 Resp: 3341
Ion Ratio Lower Upper
146 100
111 38.0 25.7 47.7
148 63.7 44.2 82.2

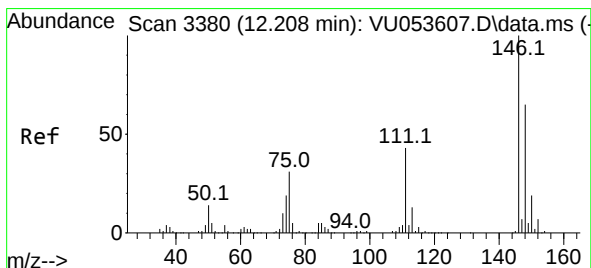
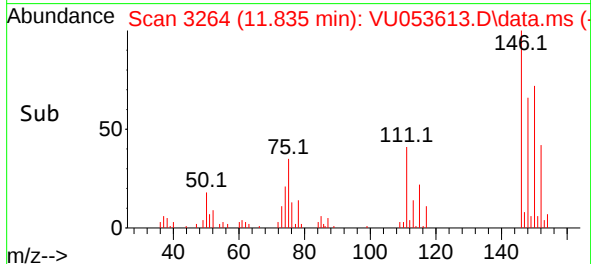
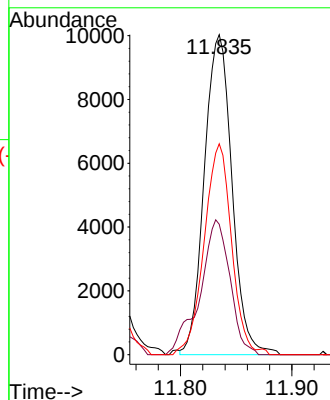
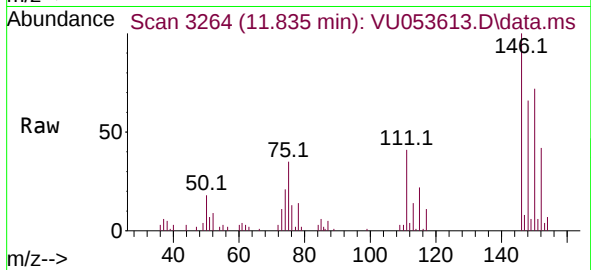




#65
1,4-Dichlorobenzene
Concen: 5.312 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053613.D
Acq: 10 Apr 2023 14:27

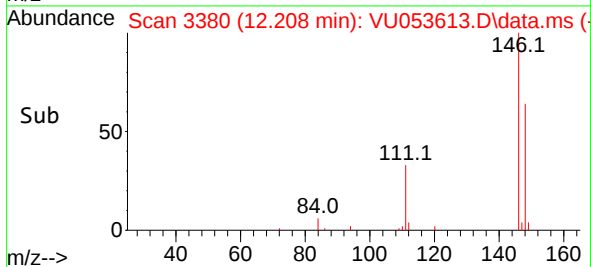
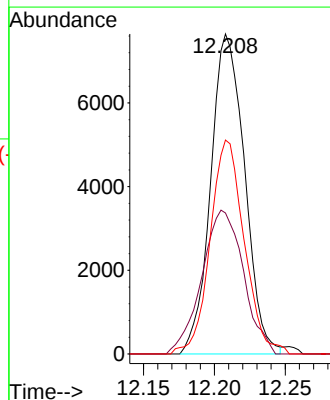
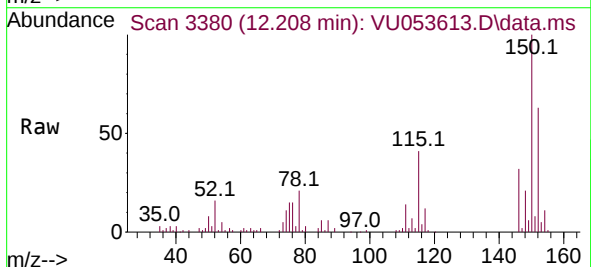
Instrument :
MSVOA_U
ClientSampleId :
VIBLK123

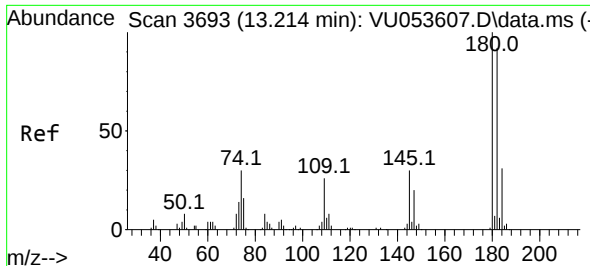
Tgt Ion:146 Resp: 17317
Ion Ratio Lower Upper
146 100
111 40.8 25.1 46.5
148 65.9 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 4.000 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU053613.D
Acq: 10 Apr 2023 14:27

Tgt Ion:146 Resp: 12754
Ion Ratio Lower Upper
146 100
111 44.0 31.5 47.3
148 66.8 51.6 77.4





#69

1,3,5-Trichlorobenzene

Concen: 2.396 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.624 min

Lab File: VU053613.D

Acq: 10 Apr 2023 14:27

Instrument :

MSVOA_U

ClientSampleId :

VIBLK123

Tgt Ion:180 Resp: 5676

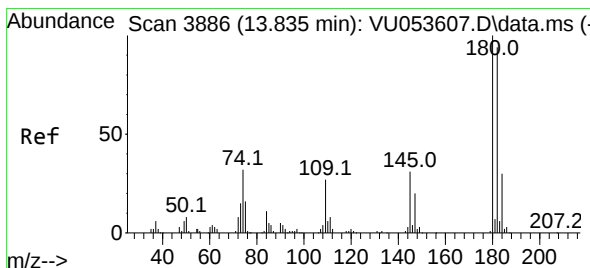
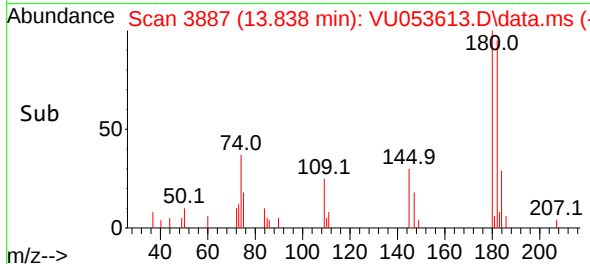
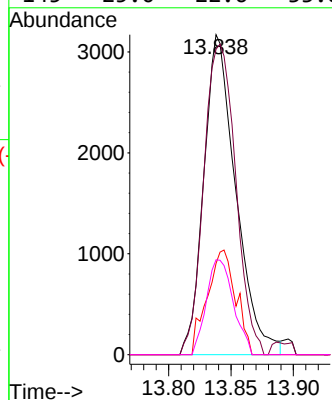
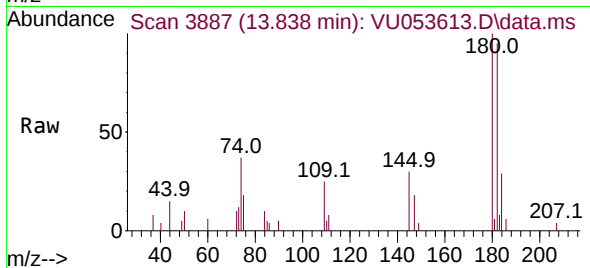
Ion Ratio Lower Upper

180 100

182 96.6 75.6 113.4

184 29.2 24.2 36.2

145 25.0 22.6 33.8



#70

1,2,4-trichlorobenzene

Concen: 2.584 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.003 min

Lab File: VU053613.D

Acq: 10 Apr 2023 14:27

Tgt Ion:180 Resp: 5676

Ion Ratio Lower Upper

180 100

182 96.6 75.8 113.8

145 25.0 23.4 35.2

