

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102022\
 Data File : VU051474.D
 Acq On : 20 Oct 2022 16:05
 Operator : JC/MD
 Sample : N5180-05DL 500X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 20 22:27:17 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)

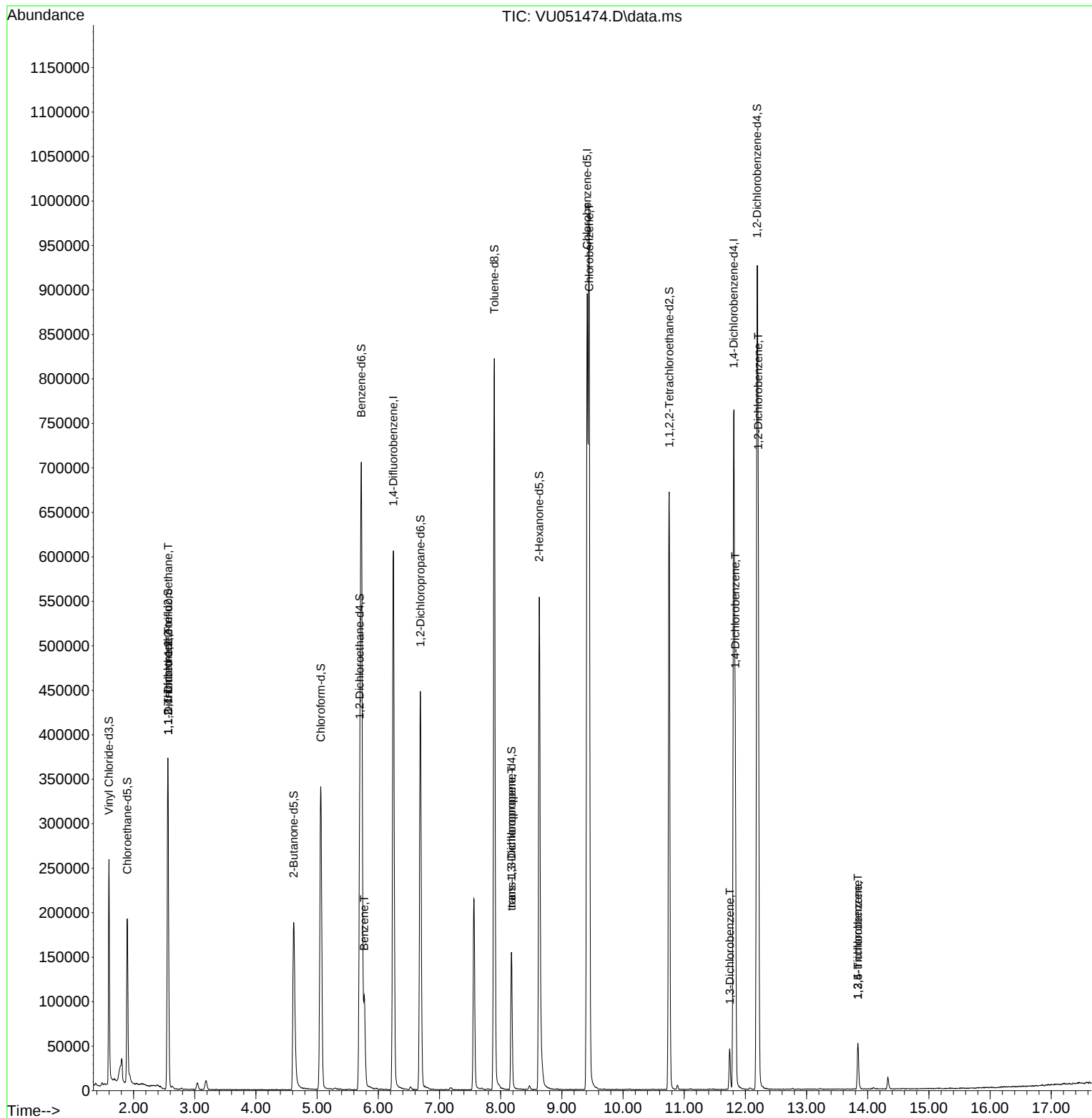
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	485326	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	485535	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	199425	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	178059	46.238	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.480%		
7) Chloroethane-d5	1.896	69	146361	46.134	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.260%		
11) 1,1-Dichloroethene-d2	2.562	63	224485	34.244	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.480%		
21) 2-Butanone-d5	4.617	46	268455	98.893	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.890%		
24) Chloroform-d	5.060	84	327912	46.360	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.720%		
26) 1,2-Dichloroethane-d4	5.697	65	209798	47.710	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.420%		
32) Benzene-d6	5.723	84	668594	50.849	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.700%		
36) 1,2-Dichloropropane-d6	6.687	67	220978	51.178	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.360%		
41) Toluene-d8	7.896	98	559232	46.662	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.320%		
43) trans-1,3-Dichloroprop...	8.176	79	88021	47.875	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.760%		
47) 2-Hexanone-d5	8.629	63	178149	93.936	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.940%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	342812	45.702	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.400%		
66) 1,2-Dichlorobenzene-d4	12.192	152	207029	55.456	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.920%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2071	0.546	ug/L #	27
12) 1,1-Dichloroethene	2.565	96	1689	0.470	ug/L #	1
33) Benzene	5.771	78	99065	6.241	ug/L	100
44) trans-1,3-Dichloropropene	8.179	75	4053	0.726	ug/L	96
51) Chlorobenzene	9.446	112	518165	48.579	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	18717	2.928	ug/L	94
65) 1,4-Dichlorobenzene	11.835	146	151005	22.969	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	220497	33.112	ug/L	98
69) 1,3,5-Trichlorobenzene	13.838	180	17765	4.143	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	17765	5.381	ug/L	99

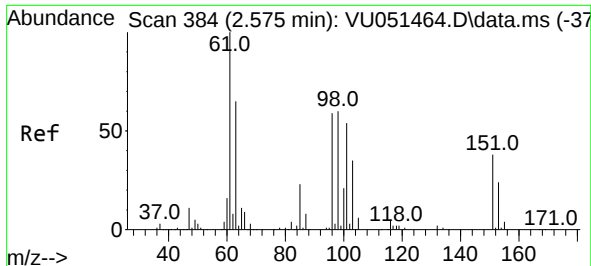
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102022\
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Quant Time: Oct 20 22:27:17 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: 0.546 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.010 min

Lab File: VU051474.D

Acq: 20 Oct 2022 16:05

Instrument :

MSVOA_U

ClientSampleId :

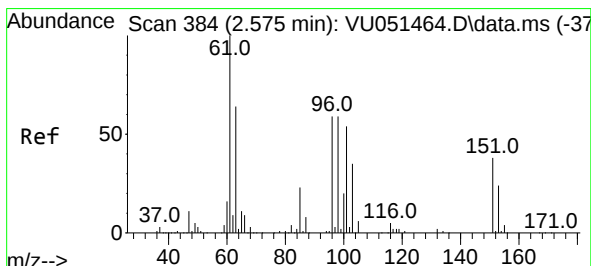
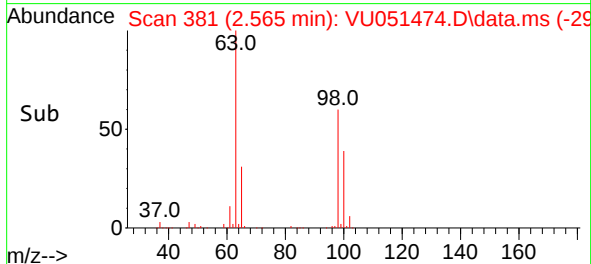
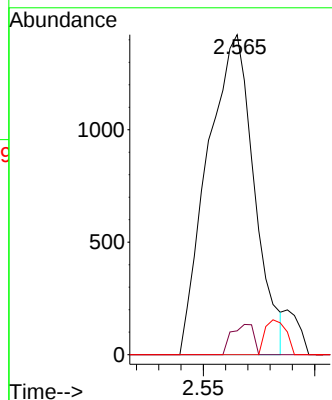
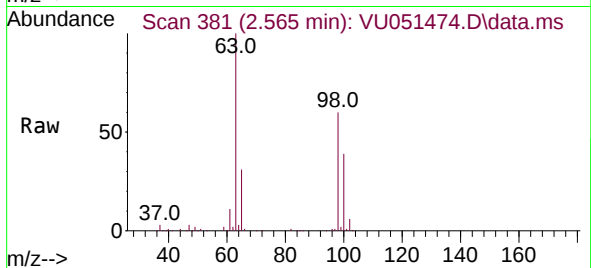
Tgt Ion:101 Resp: 2071

Ion Ratio Lower Upper

101 100

85 4.4 35.2 52.8#

151 4.9 57.8 86.8#



#12

1,1-Dichloroethene

Concen: 0.470 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.010 min

Lab File: VU051474.D

Acq: 20 Oct 2022 16:05

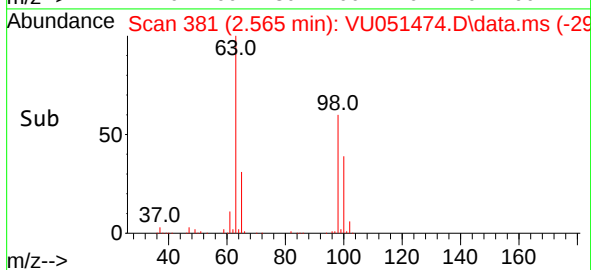
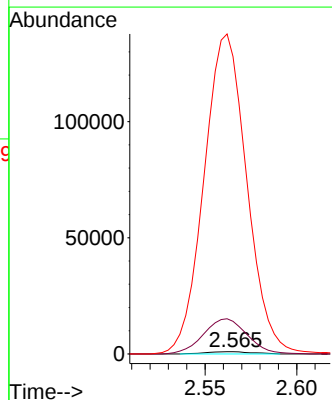
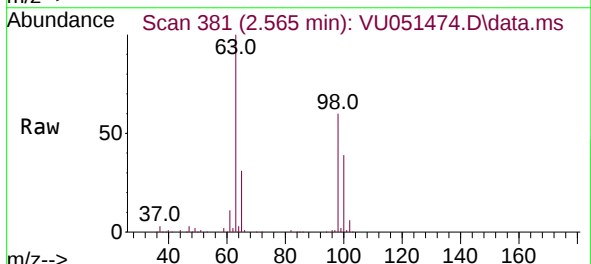
Tgt Ion: 96 Resp: 1689

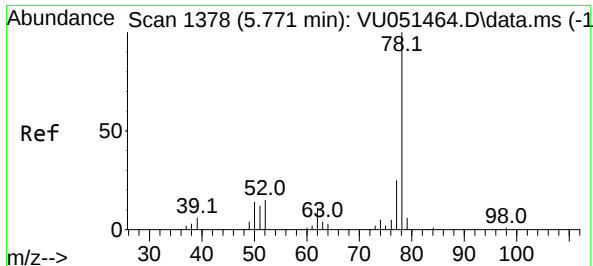
Ion Ratio Lower Upper

96 100

61 1418.6 119.0 221.0#

63 12921.1 78.5 145.7#





#33

Benzene

Concen: 6.241 ug/L

RT: 5.771 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU051474.D

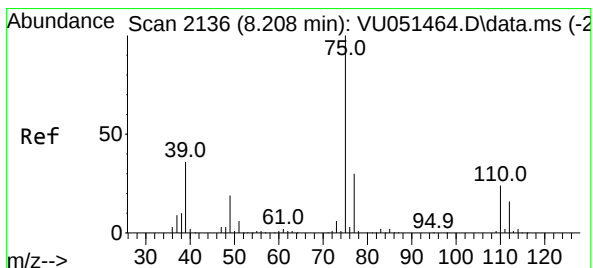
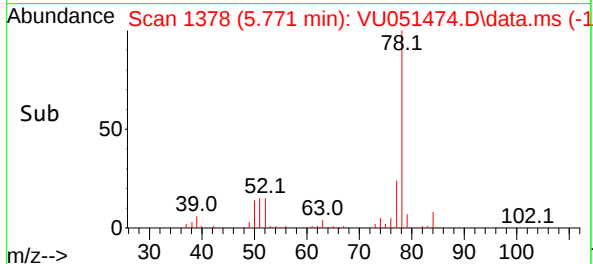
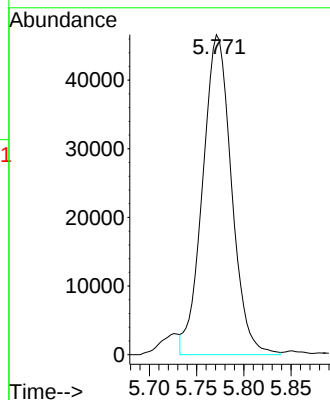
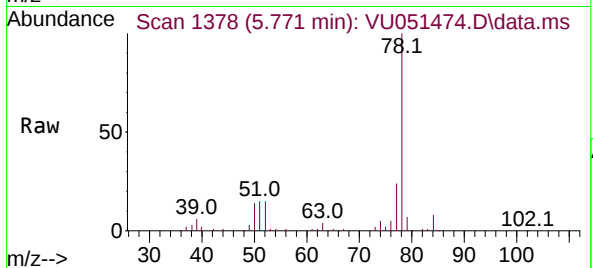
Acq: 20 Oct 2022 16:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 99065



#44

trans-1,3-Dichloropropene

Concen: 0.726 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU051474.D

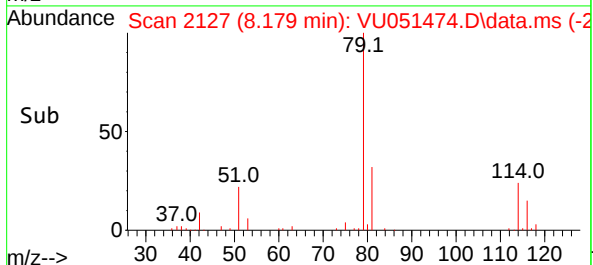
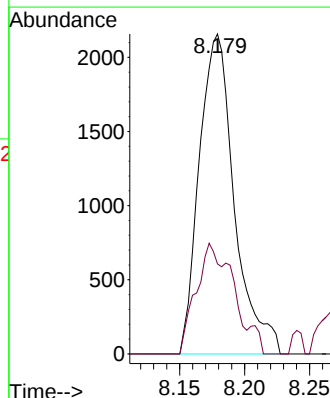
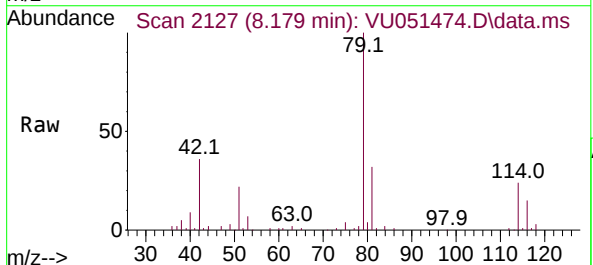
Acq: 20 Oct 2022 16:05

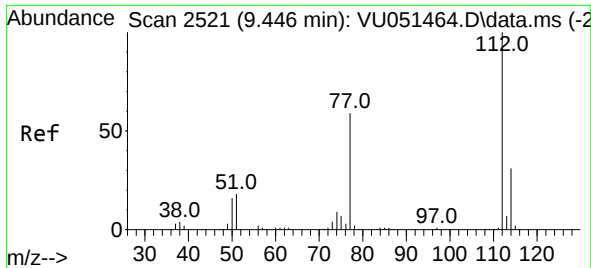
Tgt Ion: 75 Resp: 4053

Ion Ratio Lower Upper

75 100

77 28.1 21.3 39.5

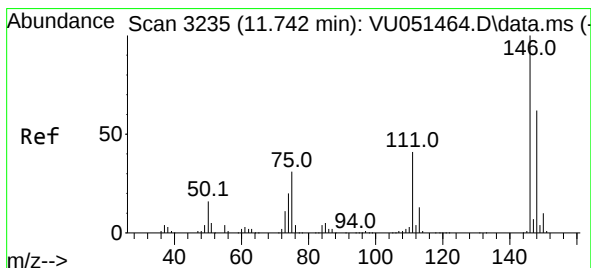
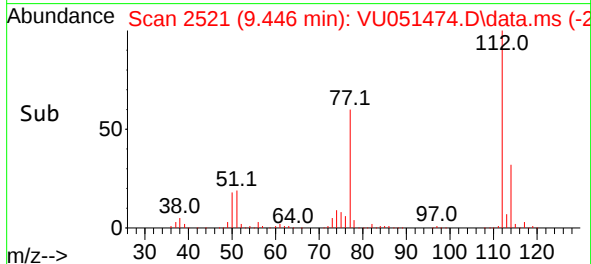
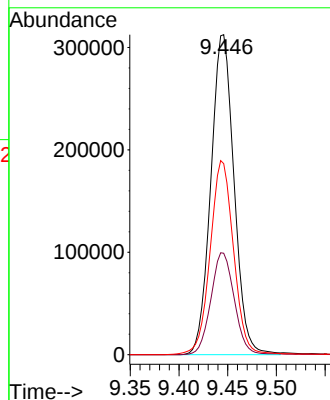
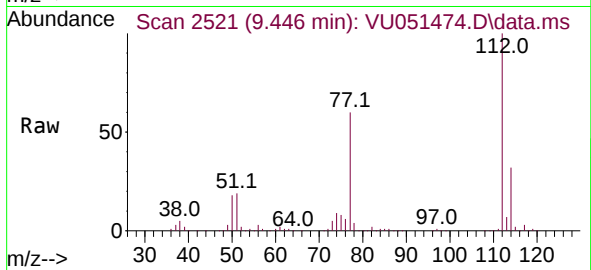




#51
Chlorobenzene
Concen: 48.579 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051474.D
Acq: 20 Oct 2022 16:05

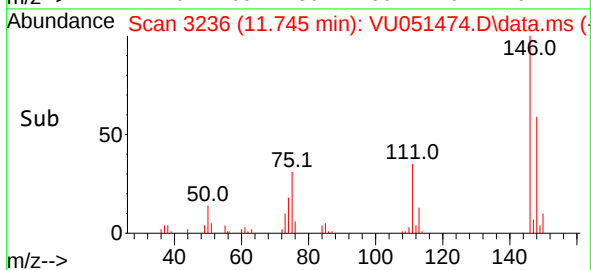
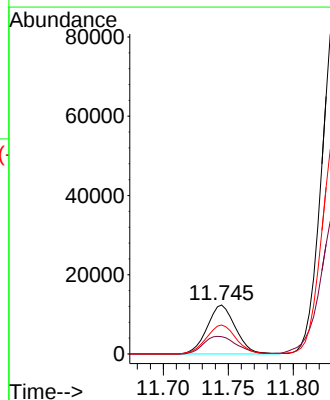
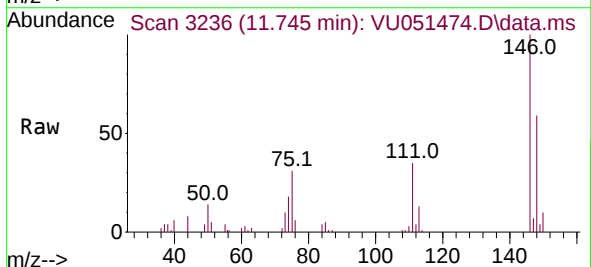
Instrument :
MSVOA_U
ClientSampleId :

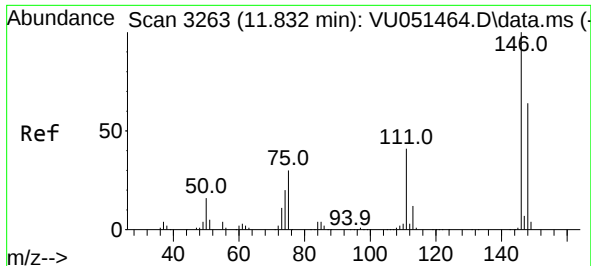
Tgt Ion:112 Resp: 518165
Ion Ratio Lower Upper
112 100
114 31.7 21.9 40.7
77 59.7 47.3 70.9



#64
1,3-Dichlorobenzene
Concen: 2.928 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU051474.D
Acq: 20 Oct 2022 16:05

Tgt Ion:146 Resp: 18717
Ion Ratio Lower Upper
146 100
111 35.3 28.7 53.3
148 59.1 43.2 80.2

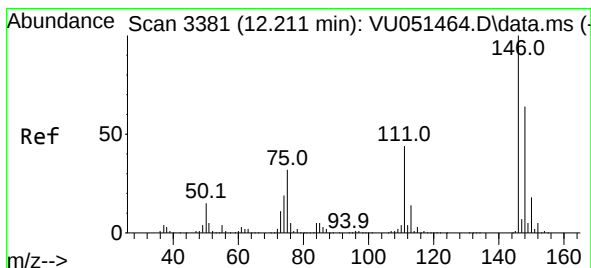
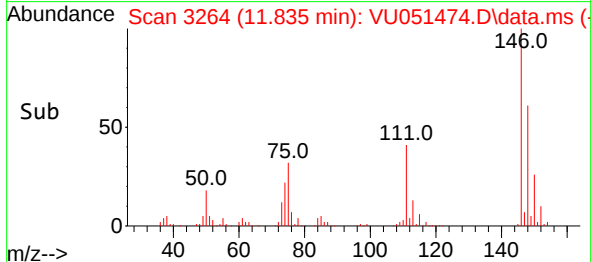
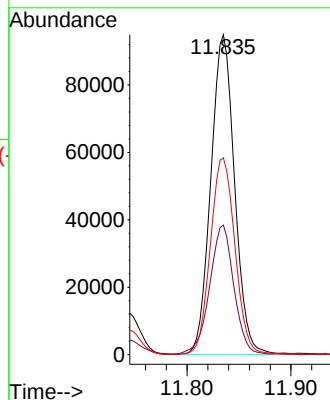
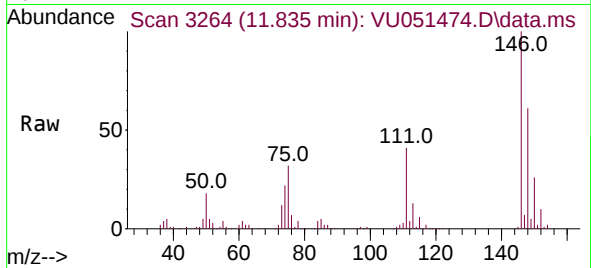




#65
1,4-Dichlorobenzene
Concen: 22.969 ug/L
RT: 11.835 min Scan# 3263
Delta R.T. 0.003 min
Lab File: VU051474.D
Acq: 20 Oct 2022 16:05

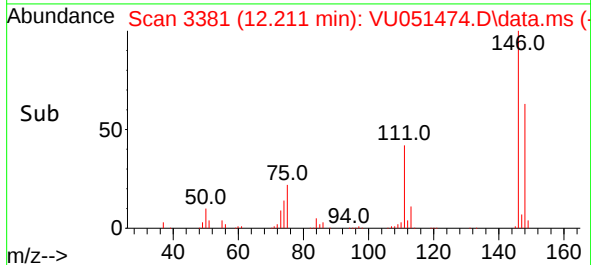
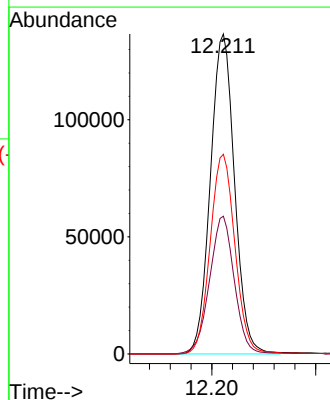
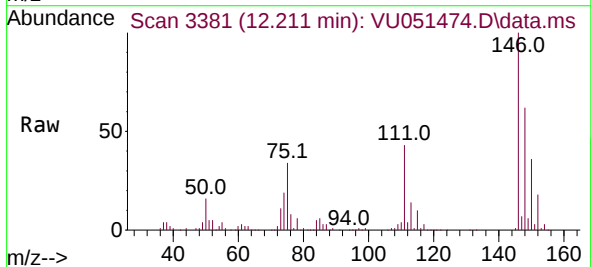
Instrument :
MSVOA_U
ClientSampleId :

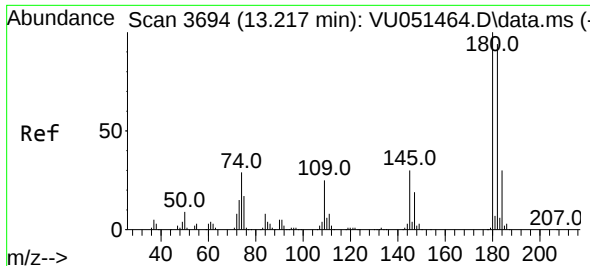
Tgt Ion:146 Resp: 151005
Ion Ratio Lower Upper
146 100
111 40.5 28.9 53.7
148 61.5 44.6 82.8



#67
1,2-Dichlorobenzene
Concen: 33.112 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051474.D
Acq: 20 Oct 2022 16:05

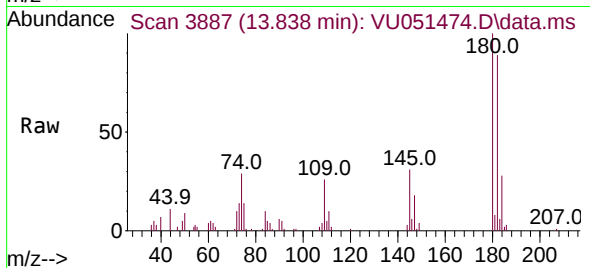
Tgt Ion:146 Resp: 220497
Ion Ratio Lower Upper
146 100
111 43.0 35.3 52.9
148 62.4 51.1 76.7



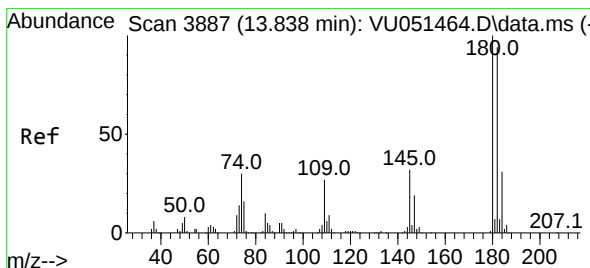
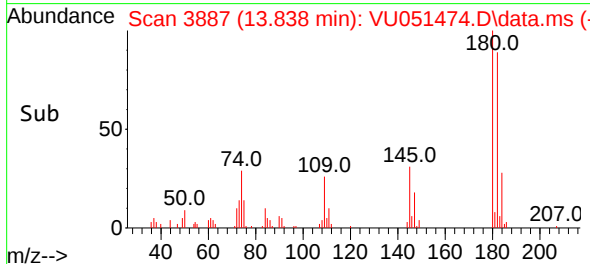
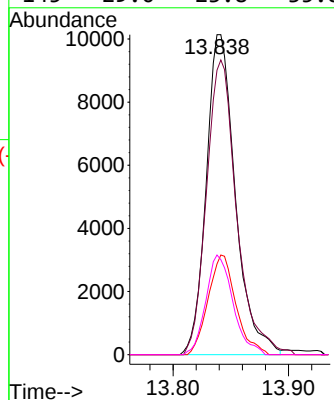


#69
 1,3,5-Trichlorobenzene
 Concen: 4.143 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.621 min
 Lab File: VU051474.D
 Acq: 20 Oct 2022 16:05

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 17765
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.6 113.4
 184 29.7 23.9 35.9
 145 29.0 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.381 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051474.D
 Acq: 20 Oct 2022 16:05

Tgt Ion:180 Resp: 17765
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.2 114.4
 145 29.0 25.0 37.6

