

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048218.D
 Acq On : 22 Apr 2022 12:29
 Operator : SY/MD
 Sample : N2488-03 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 22:00:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 21:59:27 2022
 Response via : Initial Calibration

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

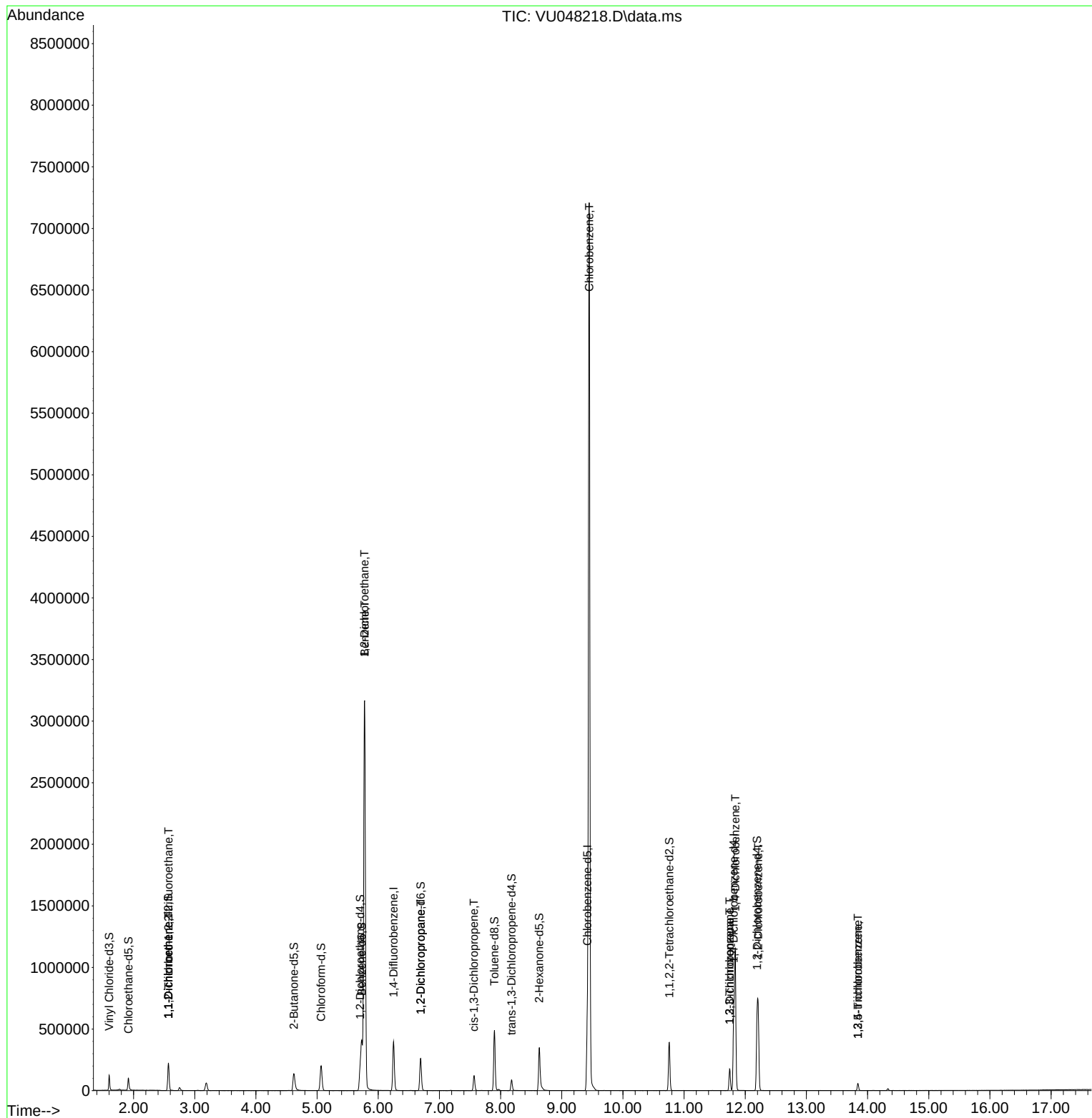
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	337718	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	342434	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	174584	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	91165	37.225	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.460%		
7) Chloroethane-d5	1.916	69	80218	41.541	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.080%		
11) 1,1-Dichloroethene-d2	2.568	63	127001	28.344	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.680%#		
21) 2-Butanone-d5	4.620	46	187704	89.296	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.300%		
24) Chloroform-d	5.066	84	192786	43.023	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.040%		
26) 1,2-Dichloroethane-d4	5.703	65	121167	44.088	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.180%		
32) Benzene-d6	5.729	84	391835	45.474	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.940%		
36) 1,2-Dichloropropane-d6	6.693	67	132029	49.893	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.780%		
41) Toluene-d8	7.899	98	331717	39.513	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.020%#		
43) trans-1,3-Dichloroprop...	8.179	79	50492	37.663	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.320%		
47) 2-Hexanone-d5	8.632	63	120403	77.724	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.720%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	203025	44.705	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.420%		
66) 1,2-Dichlorobenzene-d4	12.192	152	151651	48.825	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.640%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	986	0.396	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1142	0.493	ug/L #	1
27) 1,2-Dichloroethane	5.774	62	22987	6.413	ug/L #	75
33) Benzene	5.777	78	3112055	313.973	ug/L	100
37) 1,2-Dichloropropane	6.693	63	13390	5.314	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2756	0.705	ug/L #	47
51) Chlorobenzene	9.449	112	4039301	547.000	ug/L	97
60) 1,2,3-Trichloropropane	11.745	75	20690	6.286	ug/L #	49
64) 1,3-Dichlorobenzene	11.745	146	77998	14.873	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	459486	84.587	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	251175	47.866	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	20530	4.820	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	20530	5.503	ug/L	100

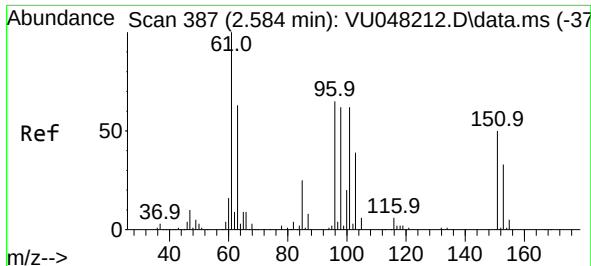
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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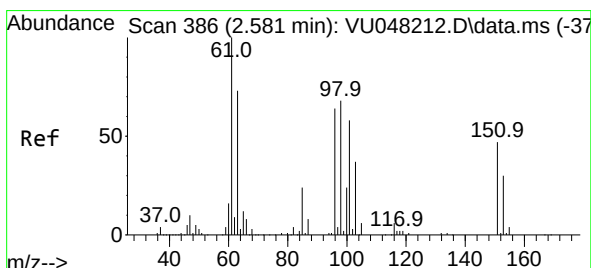
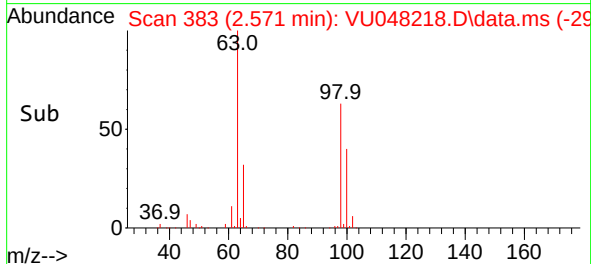
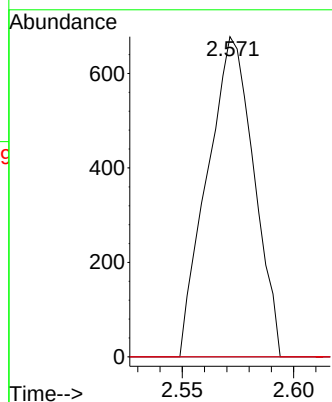
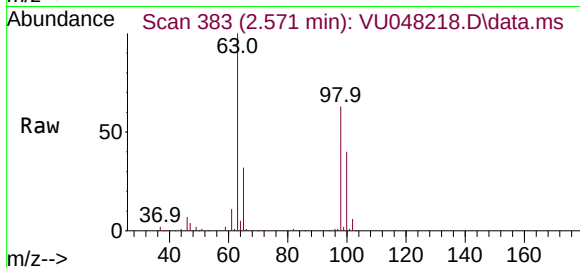




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.396 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU048218.D
Acq: 22 Apr 2022 12:29

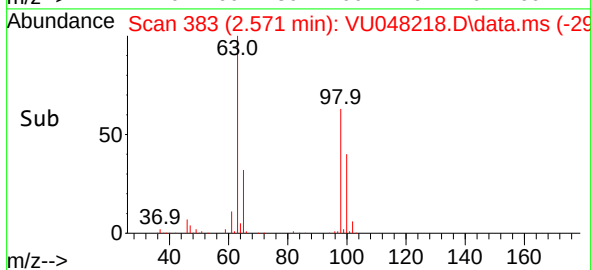
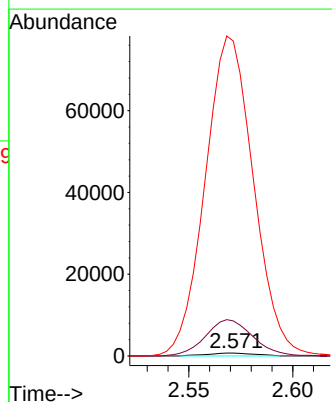
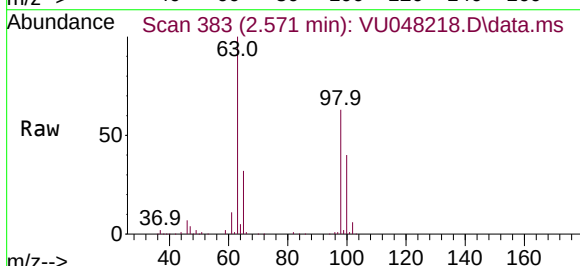
Instrument :
MSVOA_U
ClientSampleId :

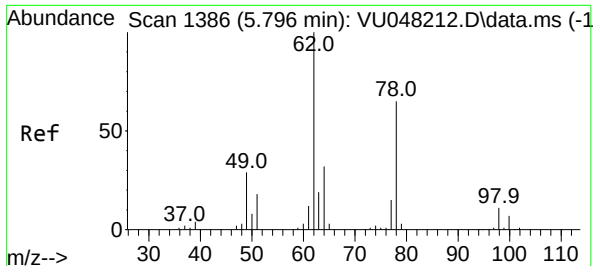
Tgt Ion:101 Resp: 986
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.493 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU048218.D
Acq: 22 Apr 2022 12:29

Tgt Ion: 96 Resp: 1142
Ion Ratio Lower Upper
96 100
61 1214.9 113.1 210.1#
63 10913.3 94.8 176.0#





#27

1,2-Dichloroethane

Concen: 6.413 ug/L

RT: 5.774 min Scan# 11

Delta R.T. -0.023 min

Lab File: VU048218.D

Acq: 22 Apr 2022 12:29

Instrument :

MSVOA_U

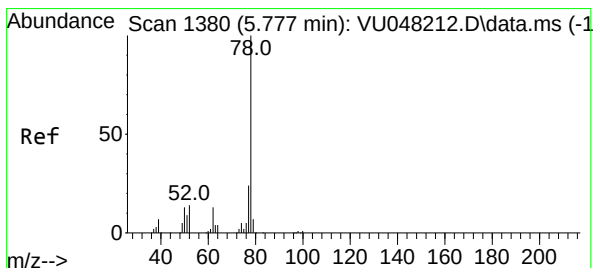
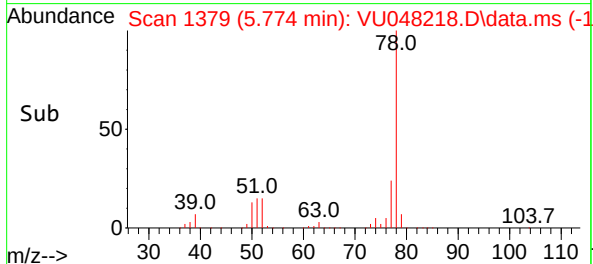
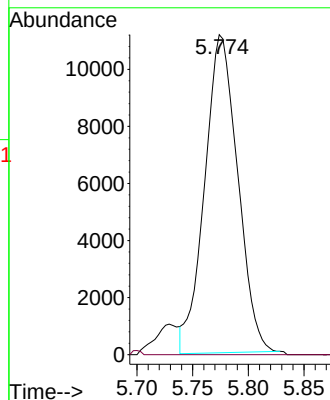
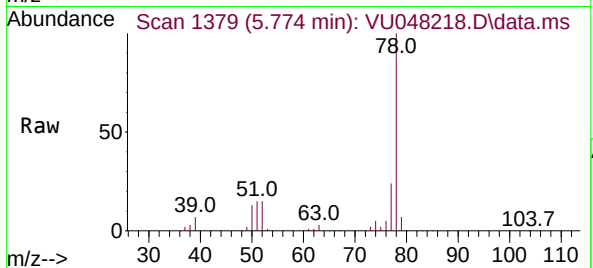
ClientSampleId :

Tgt Ion: 62 Resp: 22987

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#33

Benzene

Concen: 313.973 ug/L

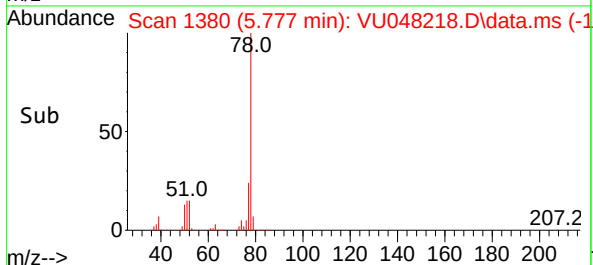
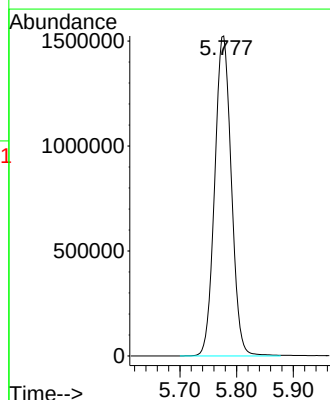
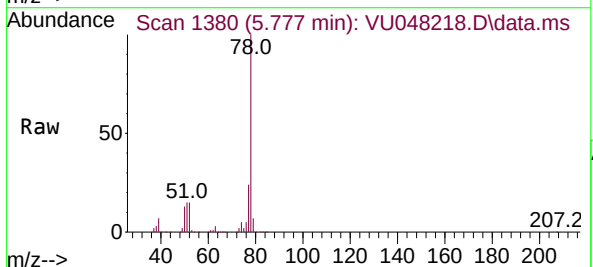
RT: 5.777 min Scan# 1380

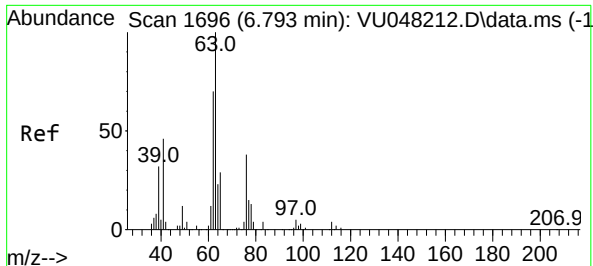
Delta R.T. -0.000 min

Lab File: VU048218.D

Acq: 22 Apr 2022 12:29

Tgt Ion: 78 Resp: 3112055

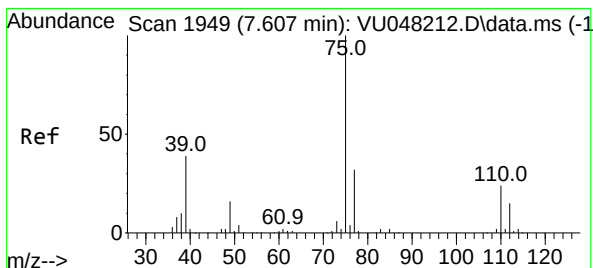
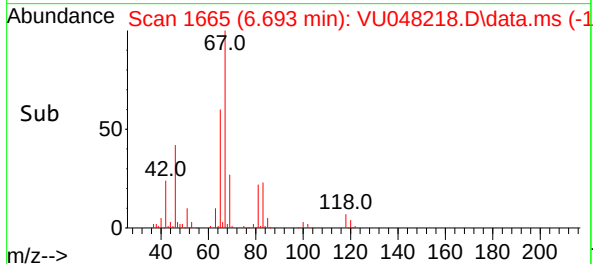
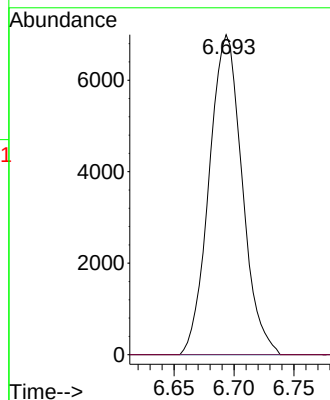
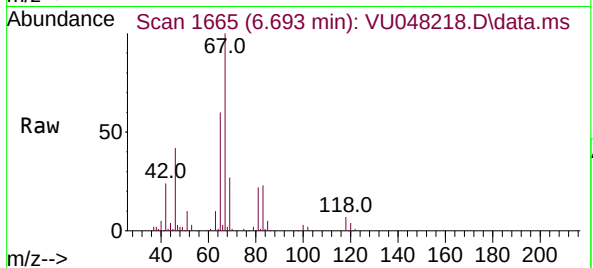




#37
1,2-Dichloropropane
Concen: 5.314 ug/L
RT: 6.693 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU048218.D
Acq: 22 Apr 2022 12:29

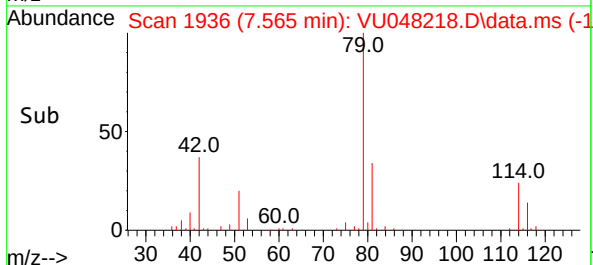
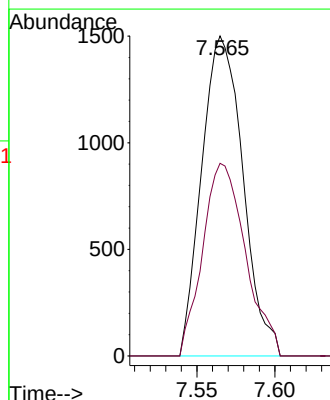
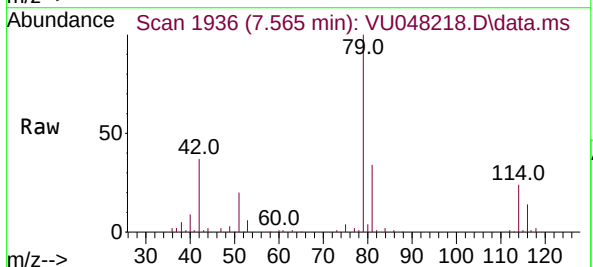
Instrument :
MSVOA_U
ClientSampleId :

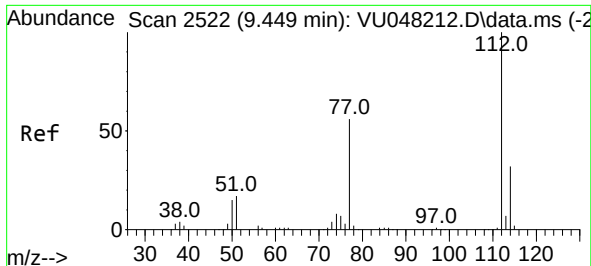
Tgt Ion: 63 Resp: 13390
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#39
cis-1,3-Dichloropropene
Concen: 0.705 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU048218.D
Acq: 22 Apr 2022 12:29

Tgt Ion: 75 Resp: 2756
Ion Ratio Lower Upper
75 100
77 60.2 21.8 40.6#

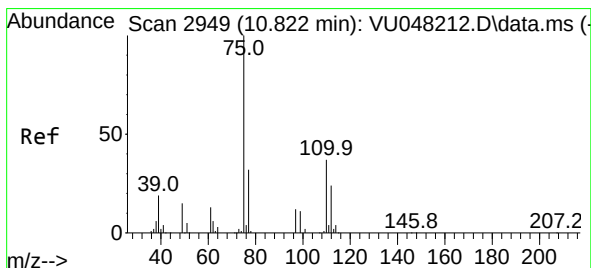
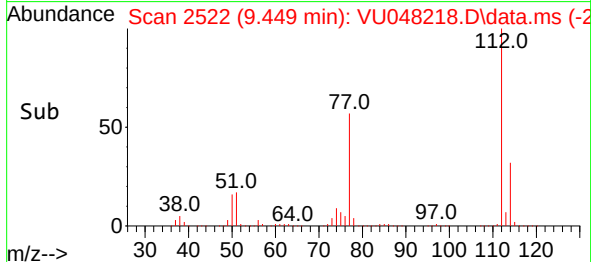
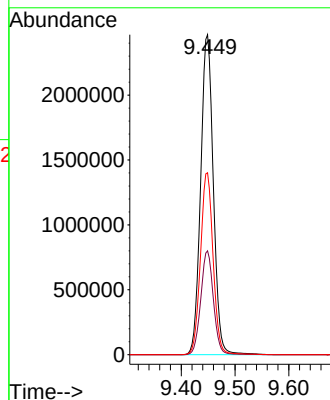
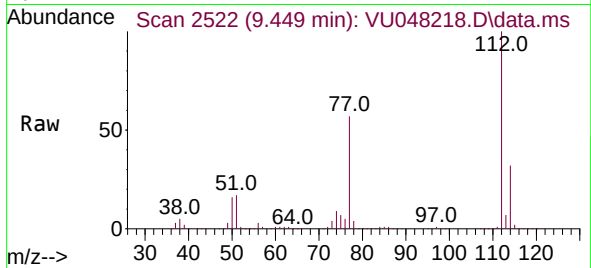




#51
Chlorobenzene
Concen: 547.000 ug/L
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048218.D
Acq: 22 Apr 2022 12:29

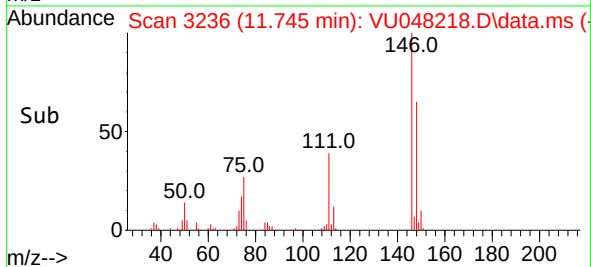
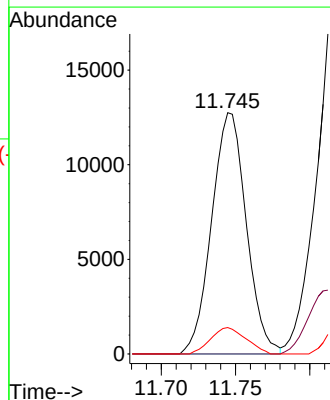
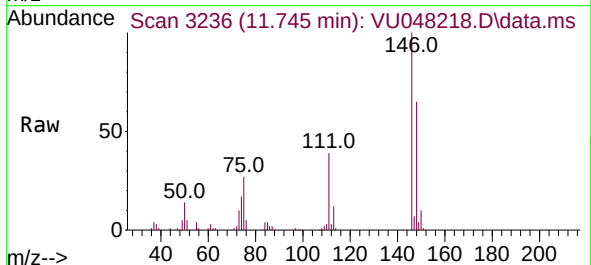
Instrument :
MSVOA_U
ClientSampleId :

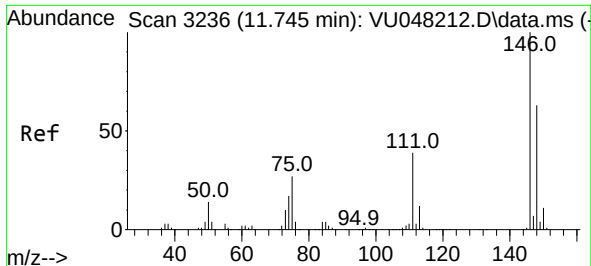
Tgt Ion:112 Resp: 4039301
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 56.8 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 6.286 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.923 min
Lab File: VU048218.D
Acq: 22 Apr 2022 12:29

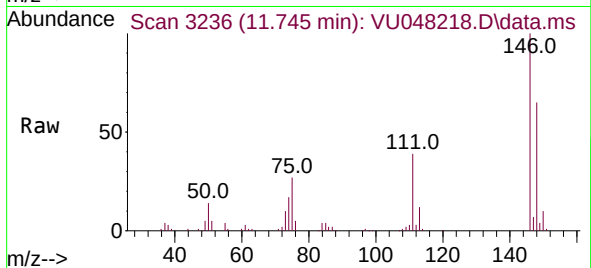
Tgt Ion: 75 Resp: 20690
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#
110 11.1 31.4 47.2#



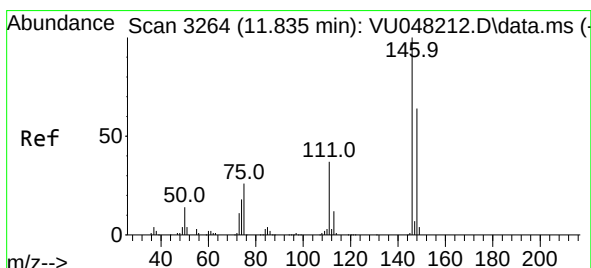
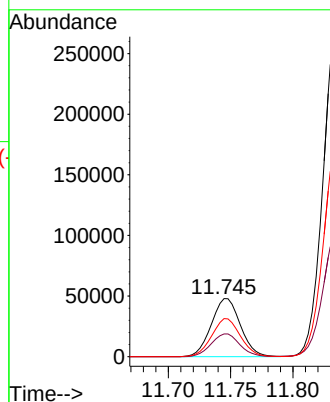
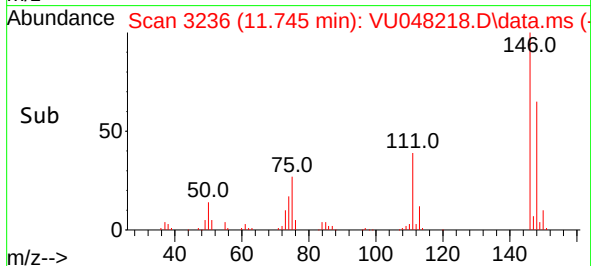


#64
1,3-Dichlorobenzene
Concen: 14.873 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048218.D
Acq: 22 Apr 2022 12:29

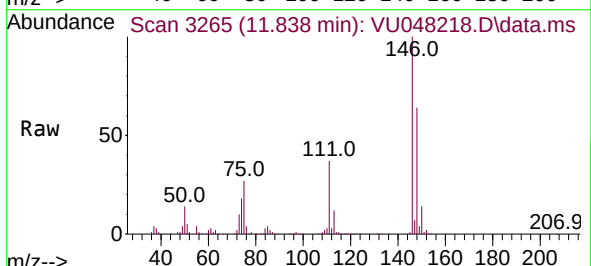
Instrument :
MSVOA_U
ClientSampleId :



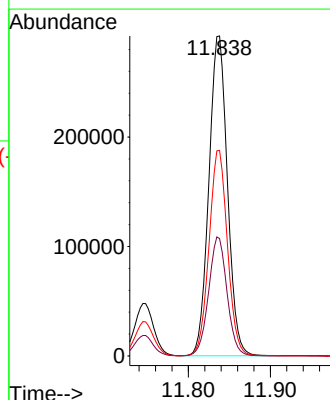
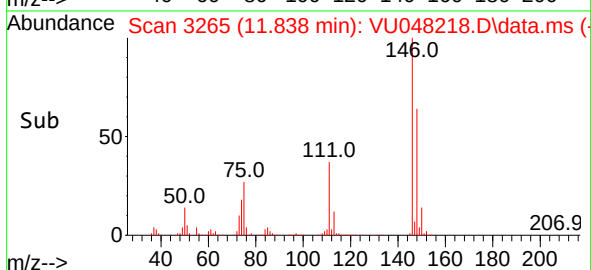
Tgt Ion:146 Resp: 77998
Ion Ratio Lower Upper
146 100
111 39.1 26.7 49.7
148 65.5 44.4 82.5

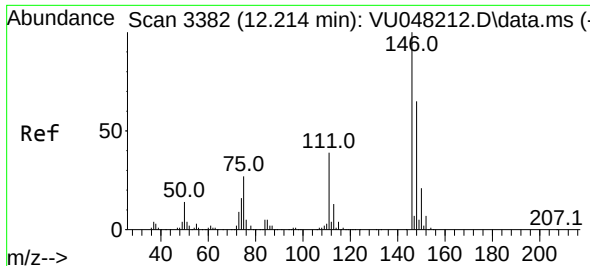


#65
1,4-Dichlorobenzene
Concen: 84.587 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048218.D
Acq: 22 Apr 2022 12:29



Tgt Ion:146 Resp: 459486
Ion Ratio Lower Upper
146 100
111 36.7 25.3 47.1
148 64.3 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 47.866 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048218.D

Acq: 22 Apr 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

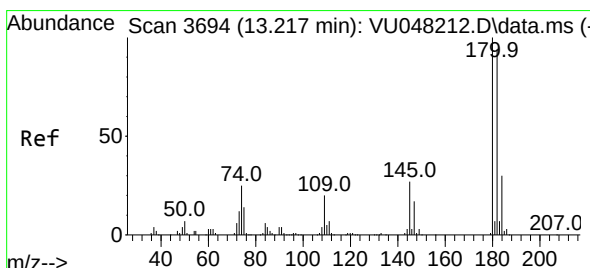
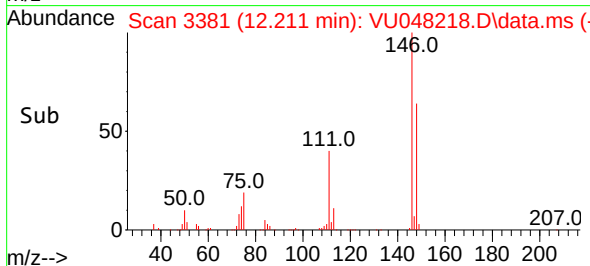
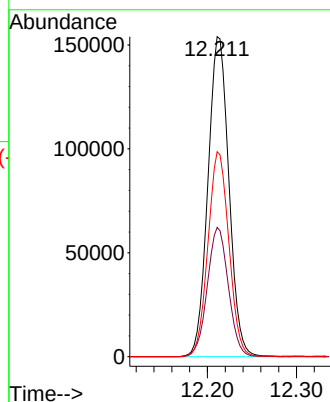
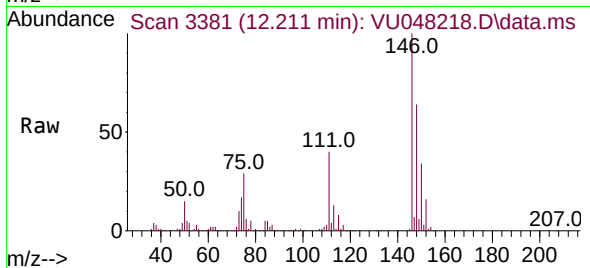
Tgt Ion:146 Resp: 251175

Ion Ratio Lower Upper

146 100

111 40.4 31.7 47.5

148 64.1 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 4.820 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.624 min

Lab File: VU048218.D

Acq: 22 Apr 2022 12:29

Tgt Ion:180 Resp: 20530

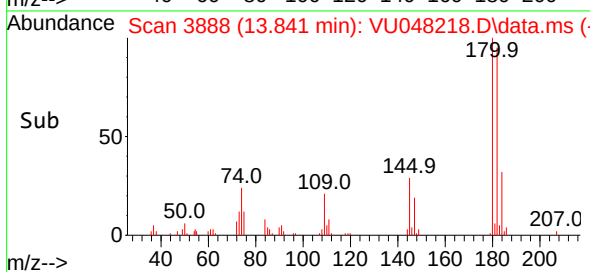
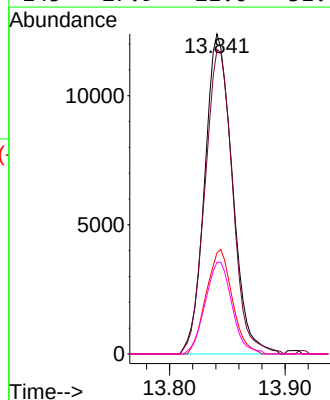
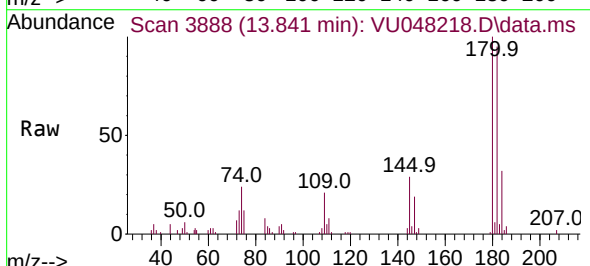
Ion Ratio Lower Upper

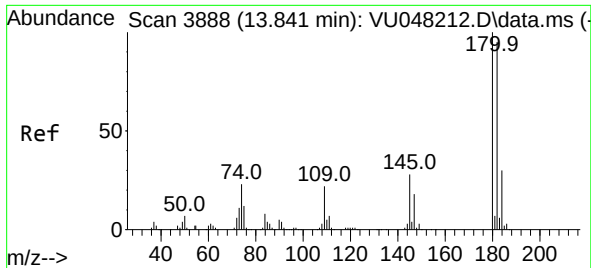
180 100

182 95.4 77.0 115.6

184 30.8 24.5 36.7

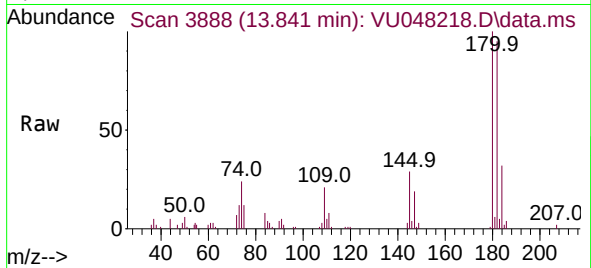
145 27.9 21.0 31.6





#70
 1,2,4-trichlorobenzene
 Concen: 5.503 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048218.D
 Acq: 22 Apr 2022 12:29

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	20530
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.2	114.2
145	27.9	21.8	32.8

