

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048050.D
 Acq On : 14 Apr 2022 12:09
 Operator : SY/MD
 Sample : N2345-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JB0

Quant Time: Apr 15 02:25:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 02:23:12 2022
 Response via : Initial Calibration

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

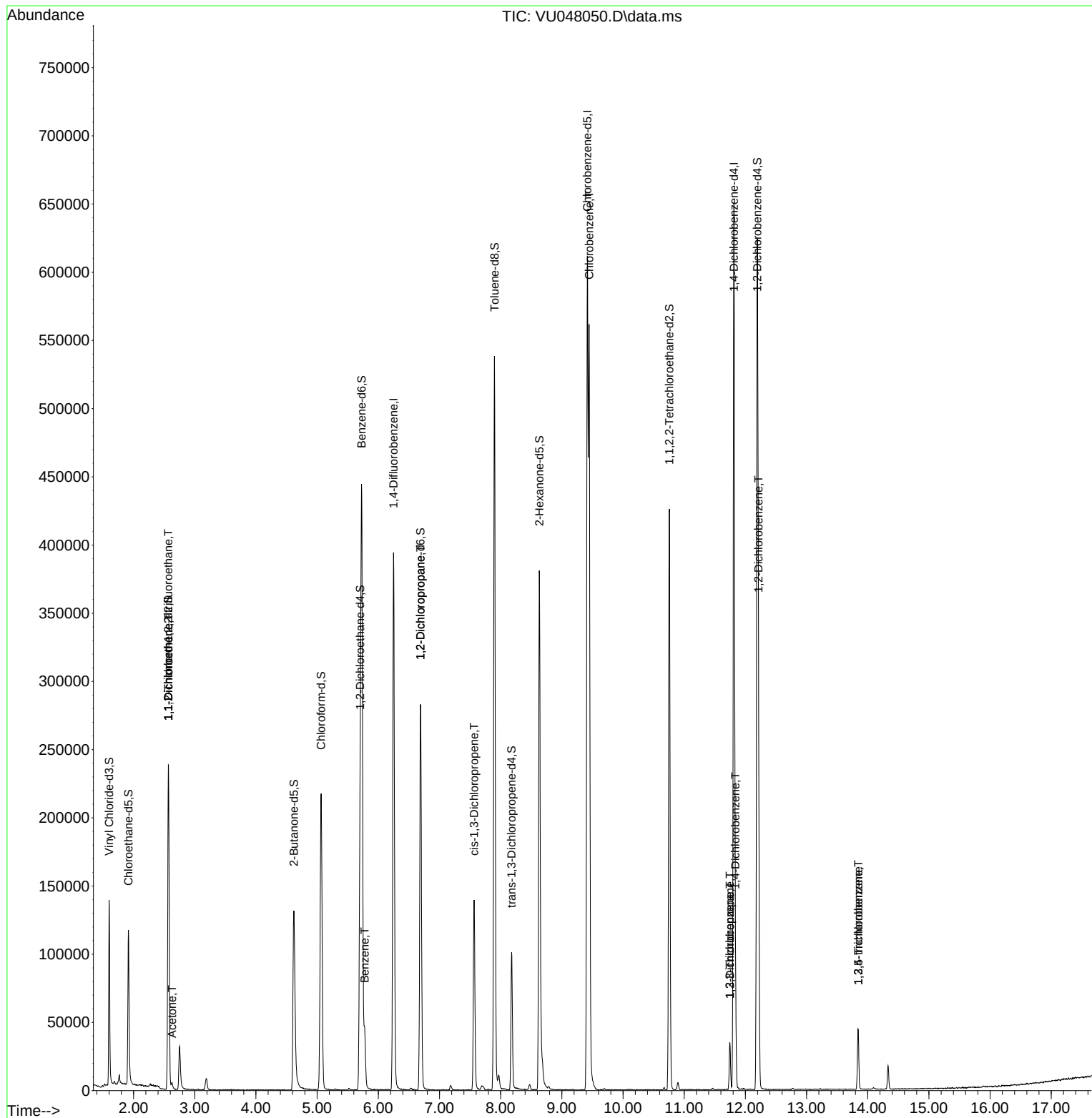
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	332957	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	354105	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	181834	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	99361	41.152	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.300%		
7) Chloroethane-d5	1.916	69	91631	48.130	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.260%		
11) 1,1-Dichloroethene-d2	2.568	63	135571	30.689	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.380%		
21) 2-Butanone-d5	4.620	46	192245	92.764	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.760%		
24) Chloroform-d	5.063	84	208064	47.096	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.200%		
26) 1,2-Dichloroethane-d4	5.703	65	135061	49.846	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.700%		
32) Benzene-d6	5.729	84	417903	46.901	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.800%		
36) 1,2-Dichloropropane-d6	6.690	67	138602	50.651	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.300%		
41) Toluene-d8	7.899	98	369182	42.526	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.060%		
43) trans-1,3-Dichloroprop...	8.179	79	56185	40.528	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.060%		
47) 2-Hexanone-d5	8.632	63	134375	83.884	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.880%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	210931	44.915	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.840%		
66) 1,2-Dichlorobenzene-d4	12.195	152	162256	50.156	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.320%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1243	0.507	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1009	0.442	ug/L #	1
13) Acetone	2.629	43	5350	2.774	ug/L	98
33) Benzene	5.777	78	42559	4.152	ug/L	100
37) 1,2-Dichloropropane	6.690	63	14010	5.377	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	3328	0.823	ug/L #	69
51) Chlorobenzene	9.446	112	303556	39.753	ug/L	99
60) 1,2,3-Trichloropropane	11.745	75	4319	1.260	ug/L #	48
64) 1,3-Dichlorobenzene	11.748	146	15224	2.787	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	30160	5.331	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	103381	18.915	ug/L	98
69) 1,3,5-Trichlorobenzene	13.844	180	16140	3.638	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	16140	4.154	ug/L	98

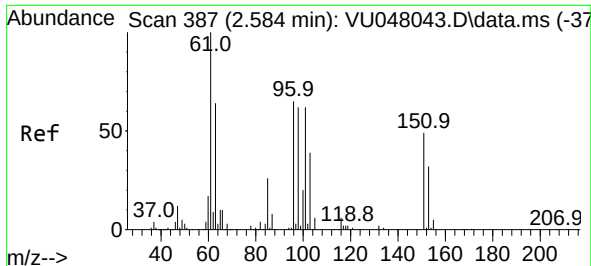
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.507 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.016 min

Lab File: VU048050.D

Acq: 14 Apr 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

C0JB0

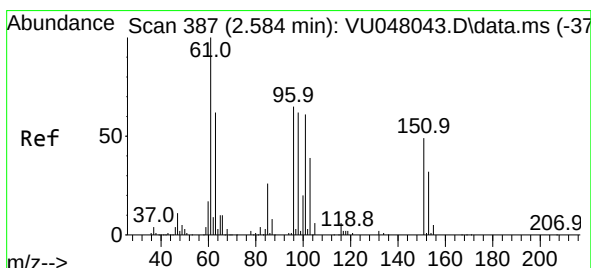
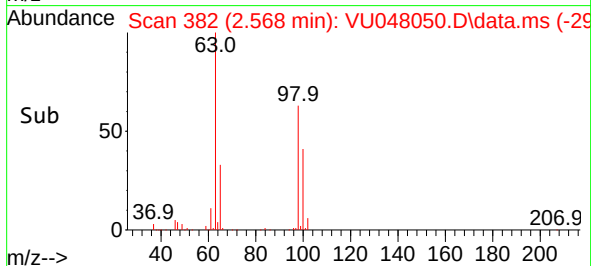
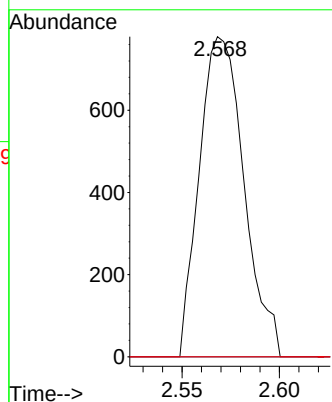
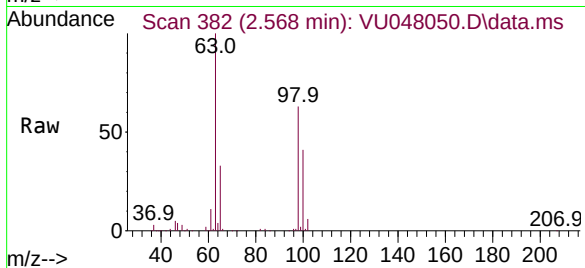
Tgt Ion:101 Resp: 1243

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: 0.442 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU048050.D

Acq: 14 Apr 2022 12:09

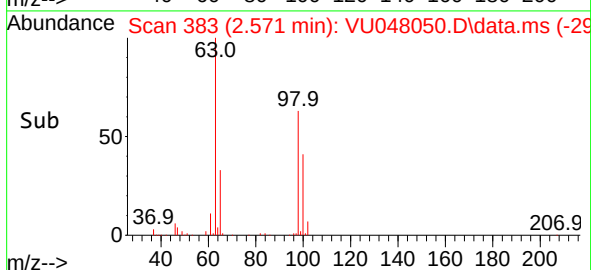
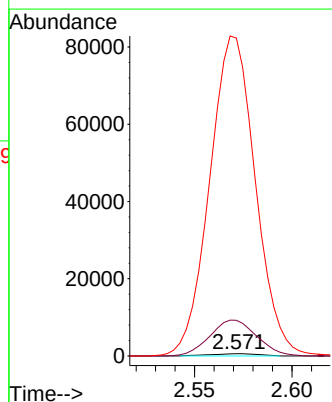
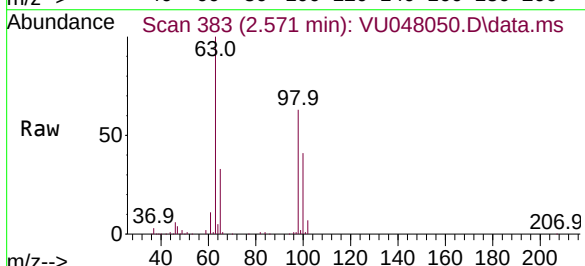
Tgt Ion: 96 Resp: 1009

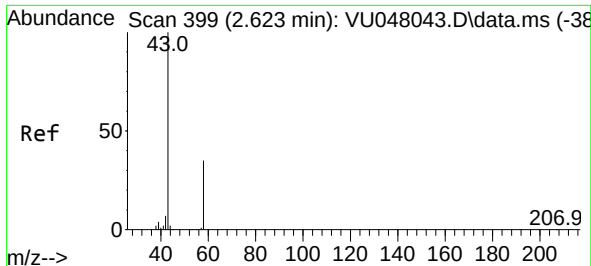
Ion Ratio Lower Upper

96 100

61 1532.7 113.1 210.1#

63 13653.1 94.8 176.0#

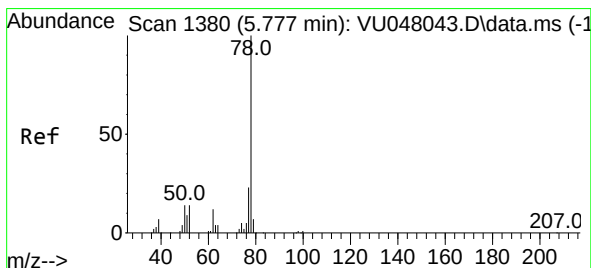
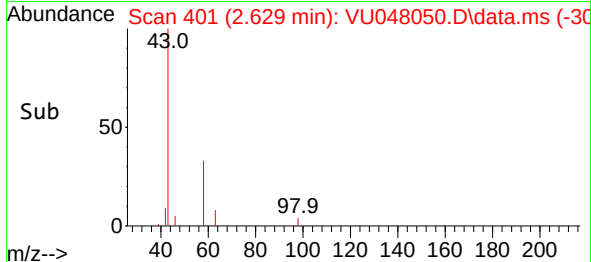
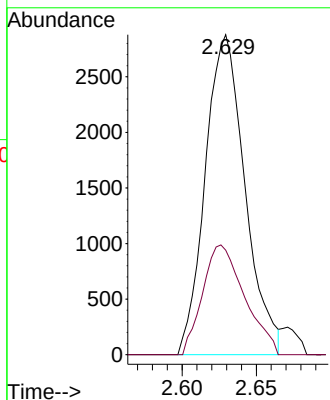
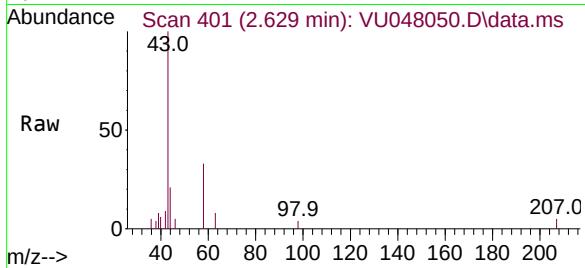




#13
Acetone
Concen: 2.774 ug/L
RT: 2.629 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU048050.D
Acq: 14 Apr 2022 12:09

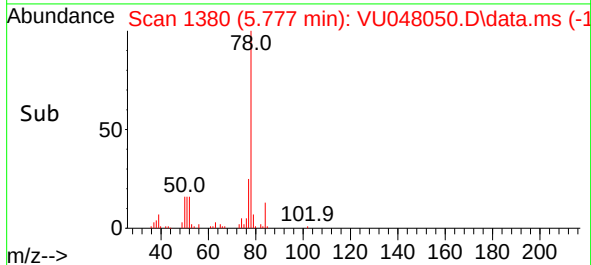
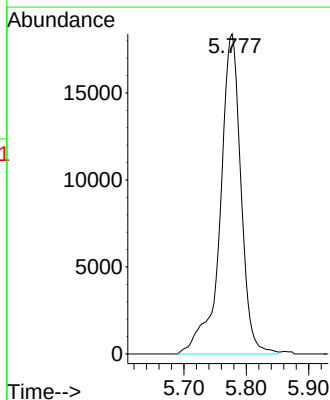
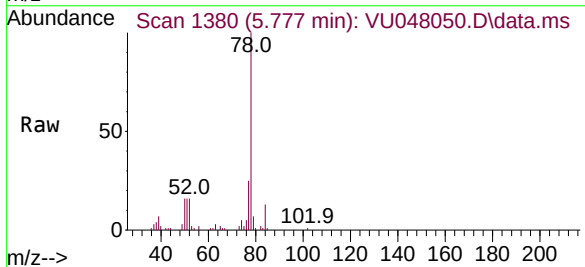
Instrument :
MSVOA_U
ClientSampleId :
C0JB0

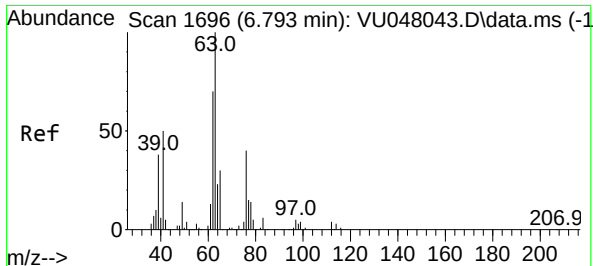
Tgt Ion: 43 Resp: 5350
Ion Ratio Lower Upper
43 100
58 36.3 0.0 70.0



#33
Benzene
Concen: 4.152 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU048050.D
Acq: 14 Apr 2022 12:09

Tgt Ion: 78 Resp: 42559





#37

1,2-Dichloropropane

Concen: 5.377 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048050.D

Acq: 14 Apr 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

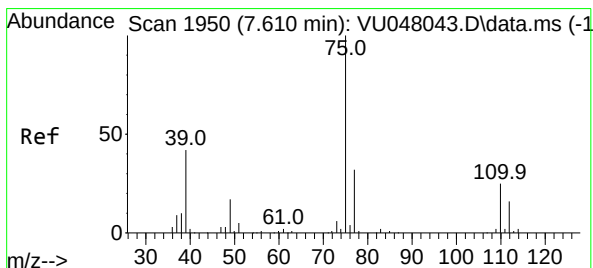
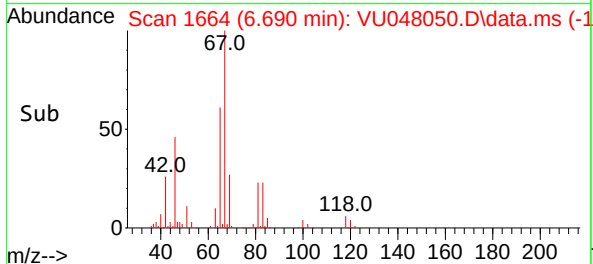
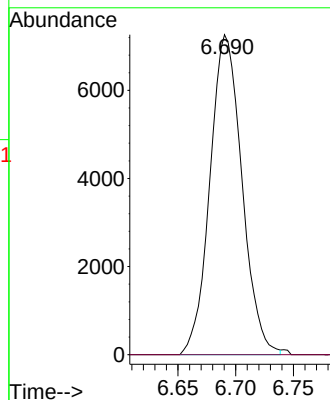
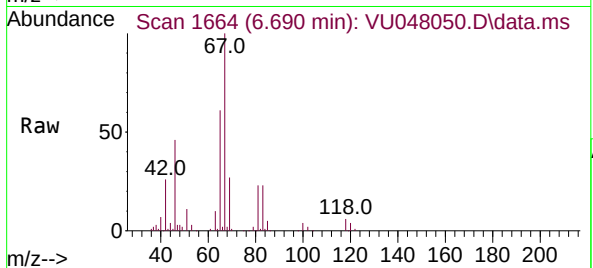
C0JB0

Tgt Ion: 63 Resp: 14010

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.823 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU048050.D

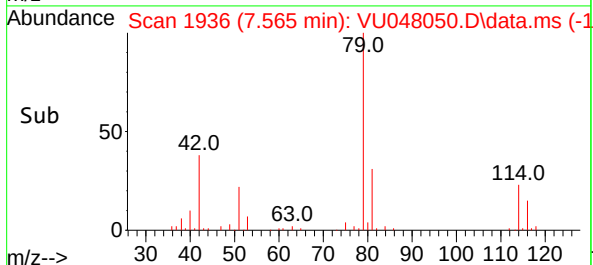
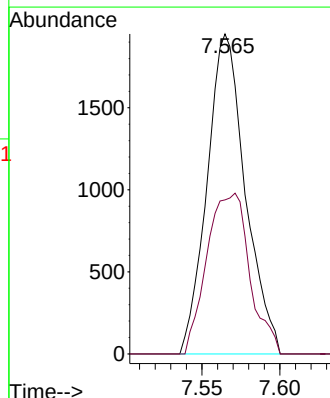
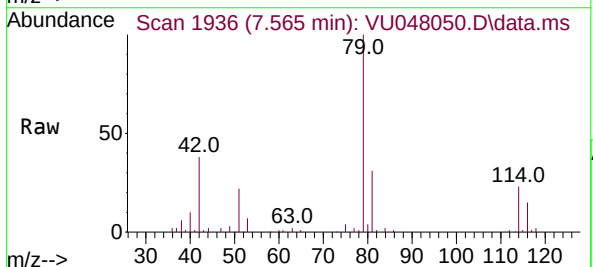
Acq: 14 Apr 2022 12:09

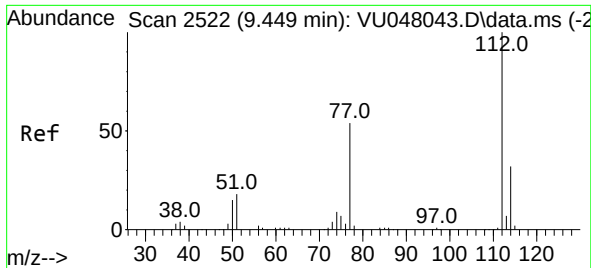
Tgt Ion: 75 Resp: 3328

Ion Ratio Lower Upper

75 100

77 48.2 21.8 40.6#

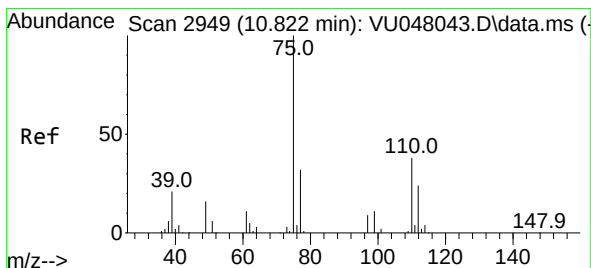
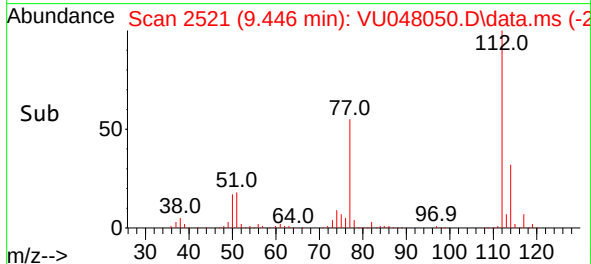
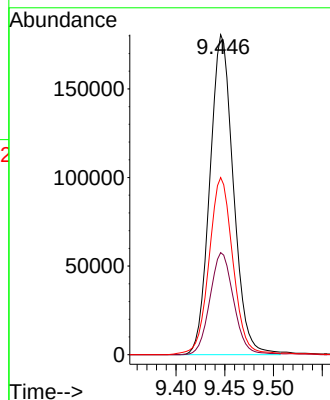
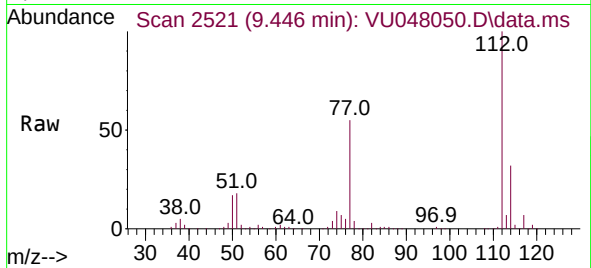




#51
Chlorobenzene
Concen: 39.753 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048050.D
Acq: 14 Apr 2022 12:09

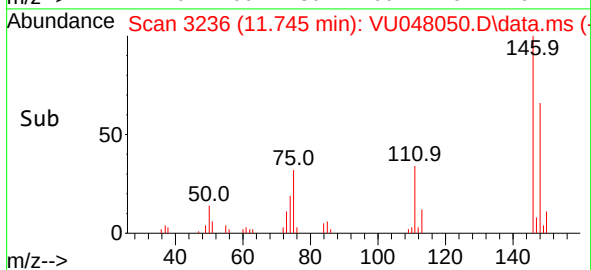
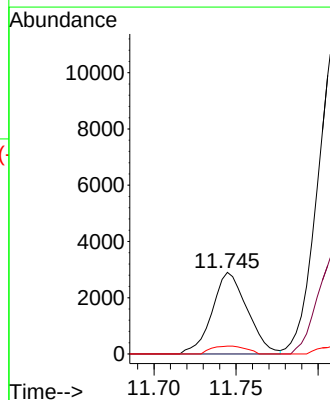
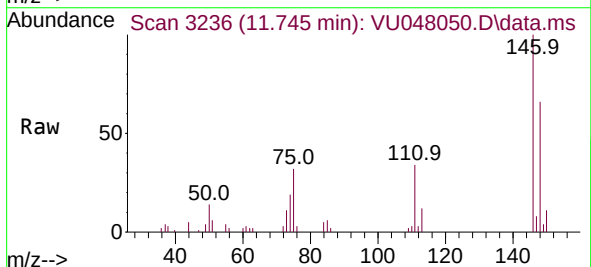
Instrument :
MSVOA_U
ClientSampleId :
C0JB0

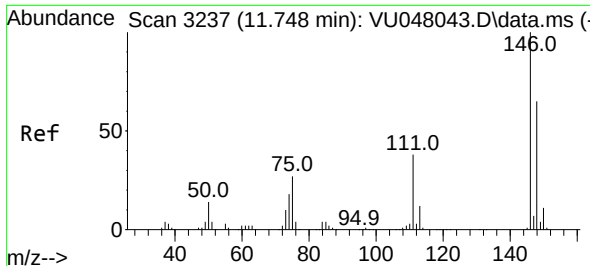
Tgt Ion:112 Resp: 303556
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 55.3 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 1.260 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.923 min
Lab File: VU048050.D
Acq: 14 Apr 2022 12:09

Tgt Ion: 75 Resp: 4319
Ion Ratio Lower Upper
75 100
77 0.5 26.0 39.0#
110 9.5 31.4 47.2#

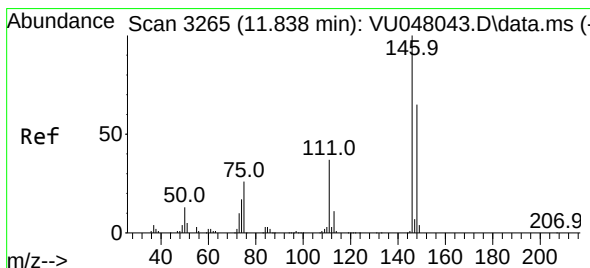
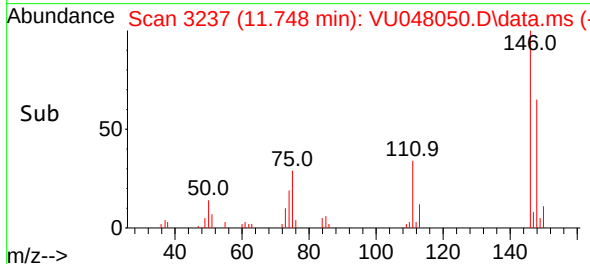
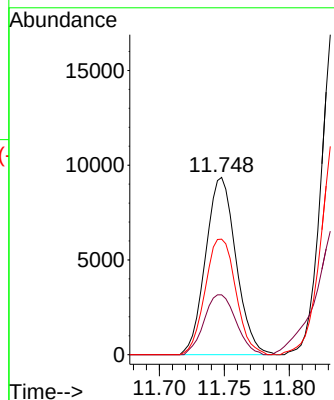
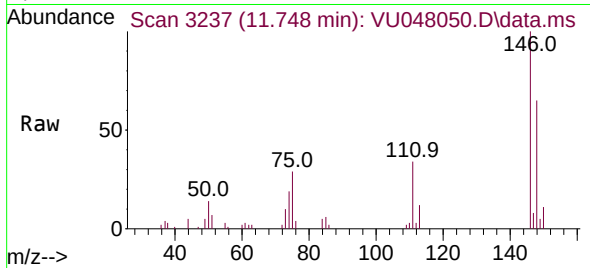




#64
1,3-Dichlorobenzene
Concen: 2.787 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048050.D
Acq: 14 Apr 2022 12:09

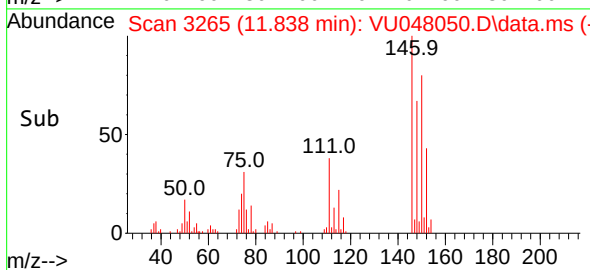
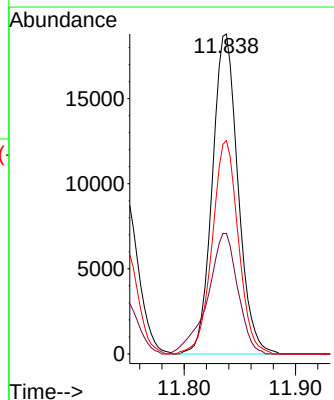
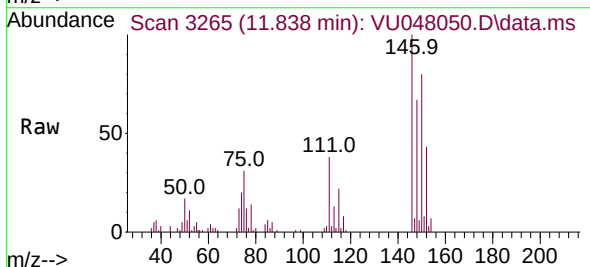
Instrument :
MSVOA_U
ClientSampleId :
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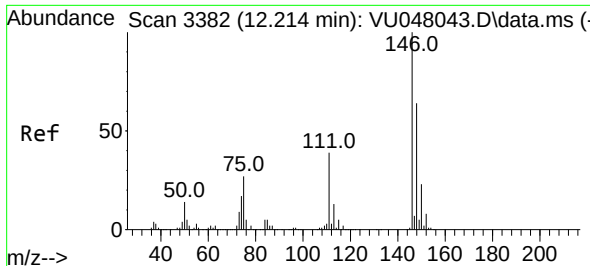
Tgt Ion:146 Resp: 15224
Ion Ratio Lower Upper
146 100
111 33.8 26.7 49.7
148 65.2 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.331 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048050.D
Acq: 14 Apr 2022 12:09

Tgt Ion:146 Resp: 30160
Ion Ratio Lower Upper
146 100
111 37.7 25.3 47.1
148 66.7 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 18.915 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048050.D

Acq: 14 Apr 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

C0JB0

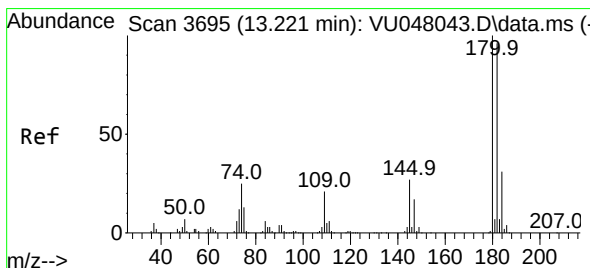
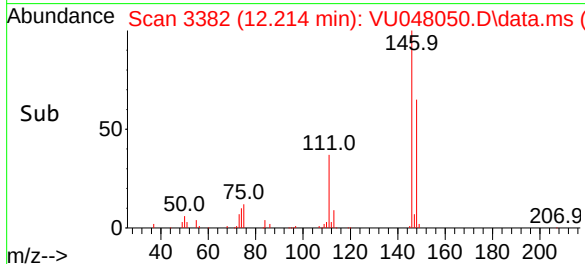
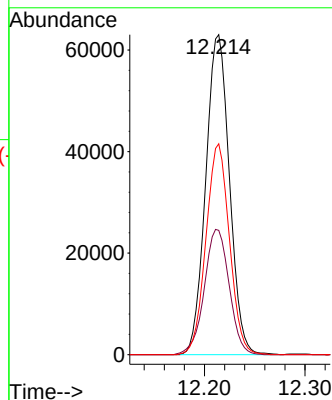
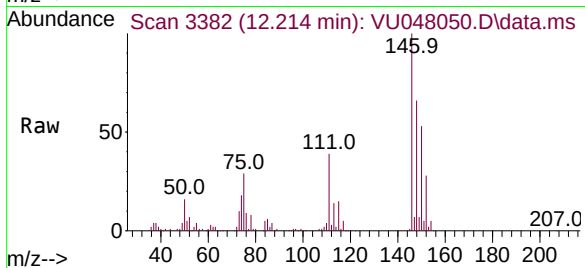
Tgt Ion:146 Resp: 103381

Ion Ratio Lower Upper

146 100

111 38.8 31.7 47.5

148 65.9 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 3.638 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.624 min

Lab File: VU048050.D

Acq: 14 Apr 2022 12:09

Tgt Ion:180 Resp: 16140

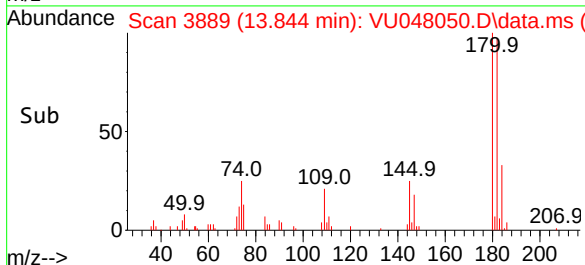
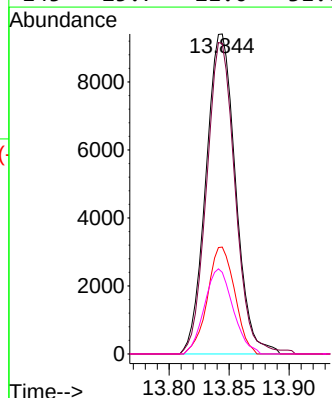
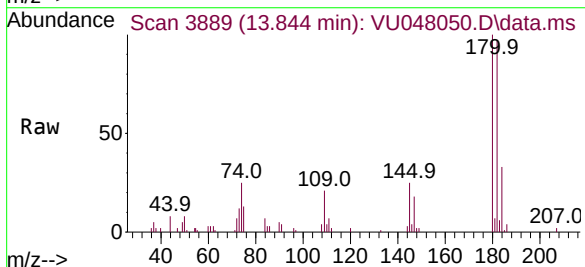
Ion Ratio Lower Upper

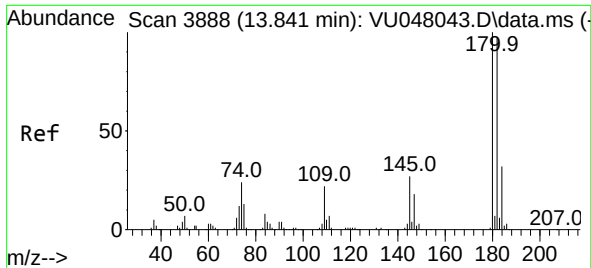
180 100

182 93.4 77.0 115.6

184 30.8 24.5 36.7

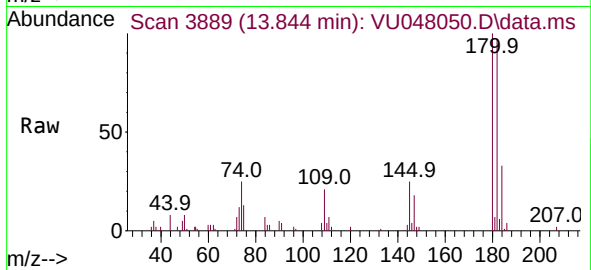
145 25.7 21.0 31.6





#70
 1,2,4-trichlorobenzene
 Concen: 4.154 ug/L
 RT: 13.844 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU048050.D
 Acq: 14 Apr 2022 12:09

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JB0



Tgt Ion:	180	Resp:	16140
Ion Ratio	Lower	Upper	
180	100		
182	93.4	76.2	114.2
145	25.7	21.8	32.8

