

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048028.D
 Acq On : 14 Apr 2022 01:04
 Operator : SY/MD
 Sample : N2386-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J13

Quant Time: Apr 14 07:19:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 06:53:20 2022
 Response via : Initial Calibration

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

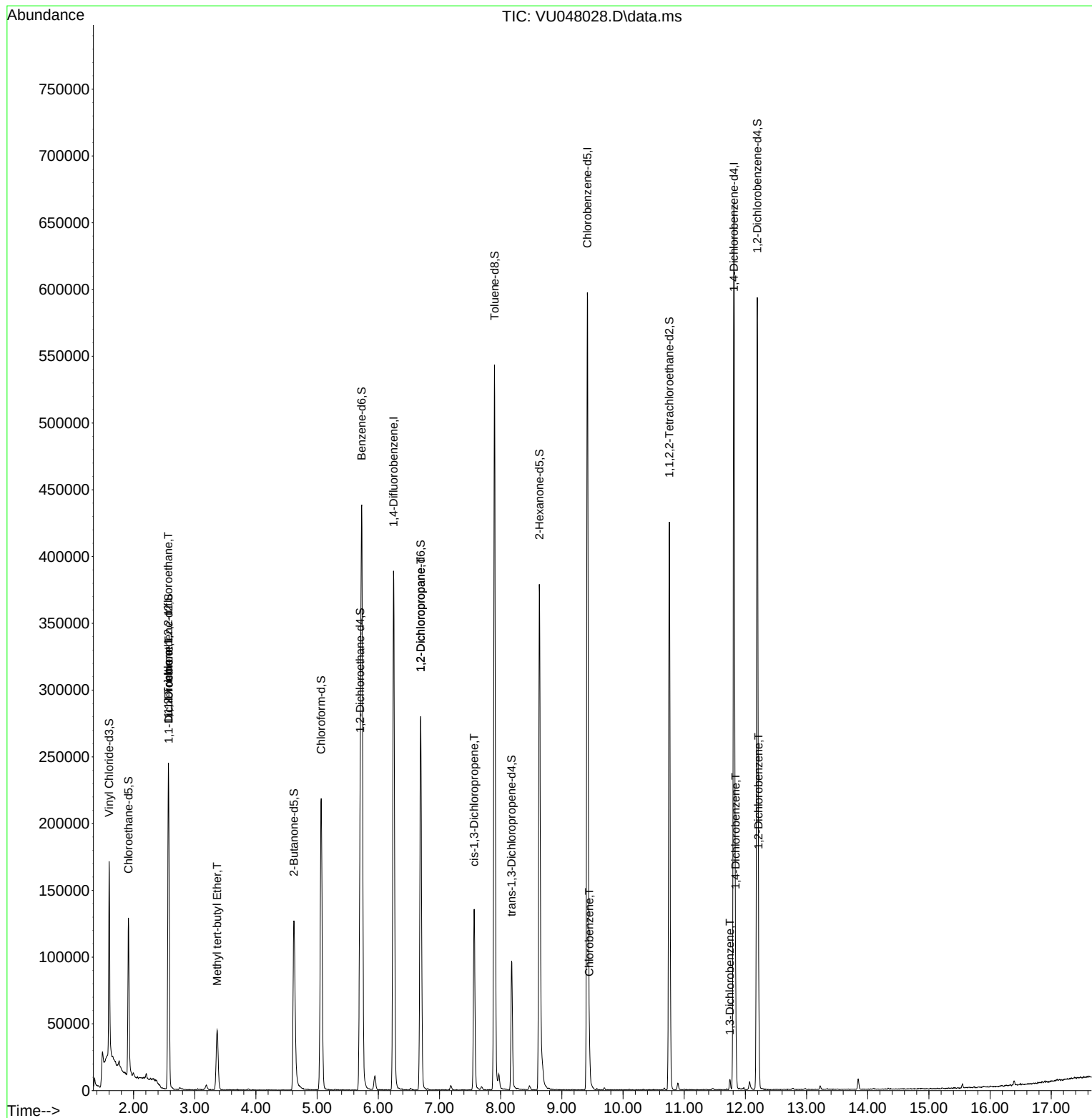
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	332236	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	351507	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	186292	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	103849	43.104	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.200%		
7) Chloroethane-d5	1.916	69	92257	48.564	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.120%		
11) 1,1-Dichloroethene-d2	2.571	63	139699	31.693	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.380%		
21) 2-Butanone-d5	4.620	46	184528	89.234	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.230%		
24) Chloroform-d	5.067	84	206809	46.913	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.820%		
26) 1,2-Dichloroethane-d4	5.703	65	134608	49.787	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.580%		
32) Benzene-d6	5.729	84	417484	47.200	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.400%		
36) 1,2-Dichloropropane-d6	6.693	67	136575	50.279	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.560%		
41) Toluene-d8	7.899	98	368575	42.770	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.540%		
43) trans-1,3-Dichloroprop...	8.179	79	54881	39.880	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.760%		
47) 2-Hexanone-d5	8.632	63	133949	84.237	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.240%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	210538	45.163	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.320%		
66) 1,2-Dichlorobenzene-d4	12.195	152	163989	49.479	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.960%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1387	0.566	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	1335	0.586	ug/L #	1
18) Methyl tert-butyl Ether	3.366	73	48620	7.011	ug/L	98
37) 1,2-Dichloropropane	6.693	63	13900	5.374	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	3114	0.776	ug/L #	64
51) Chlorobenzene	9.449	112	16468	2.173	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	3795	0.678	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	31423	5.421	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	16716	2.985	ug/L	99

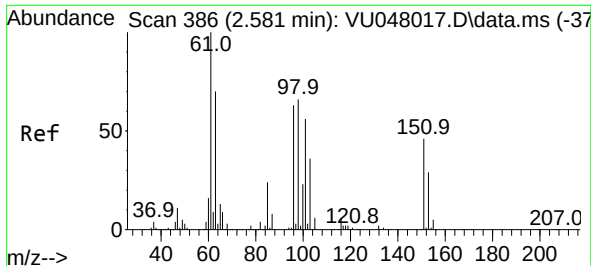
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.566 ug/L

RT: 2.568 min Scan# 31

Delta R.T. -0.013 min

Lab File: VU048028.D

Acq: 14 Apr 2022 01:04

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C0J13

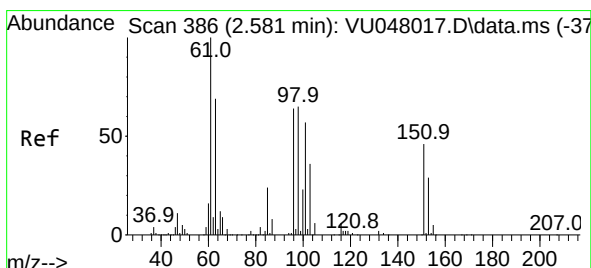
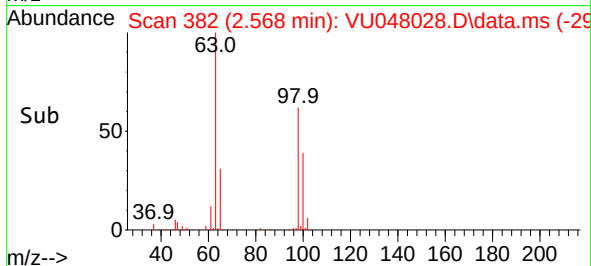
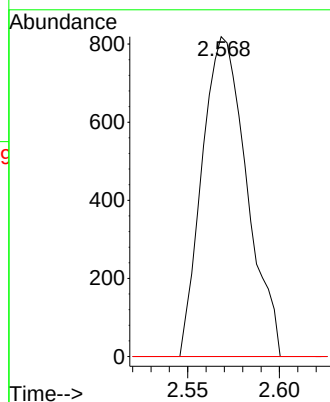
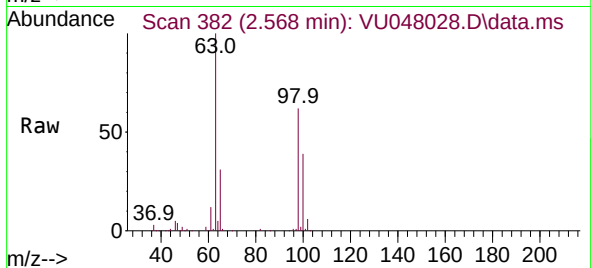
Tgt Ion:101 Resp: 1387

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: 0.586 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.007 min

Lab File: VU048028.D

Acq: 14 Apr 2022 01:04

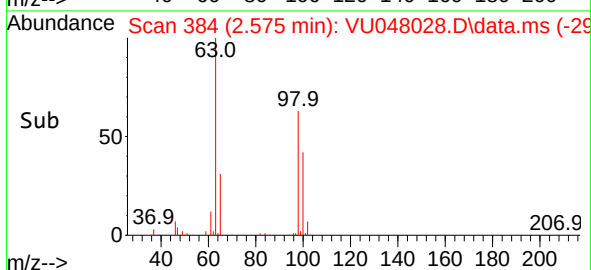
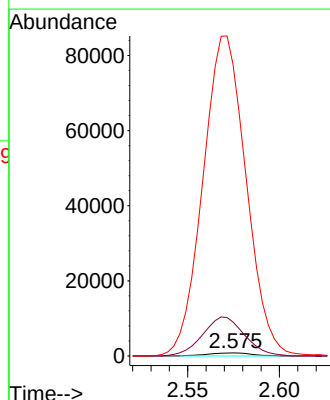
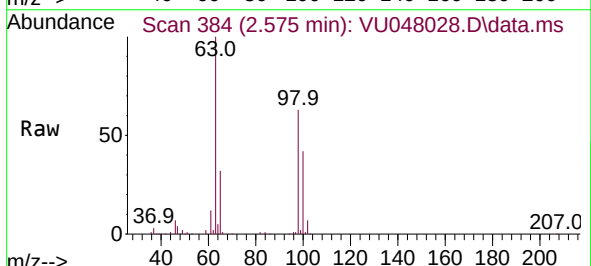
Tgt Ion: 96 Resp: 1335

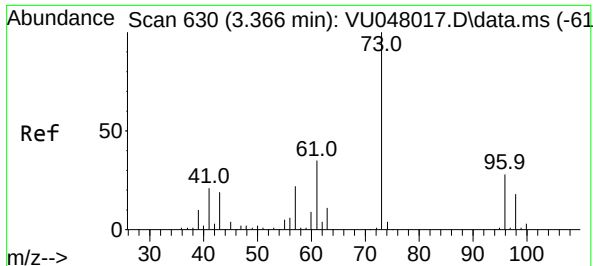
Ion Ratio Lower Upper

96 100

61 1126.2 113.1 210.1#

63 9672.7 94.8 176.0#

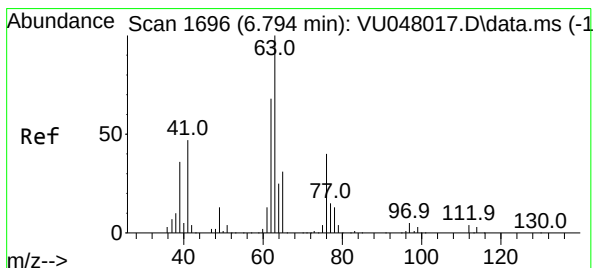
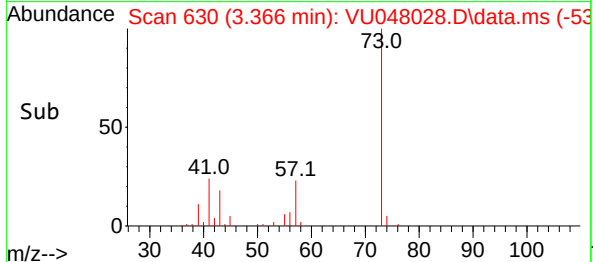
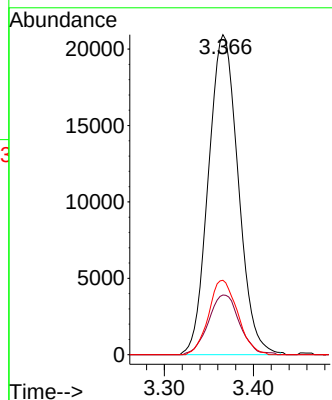
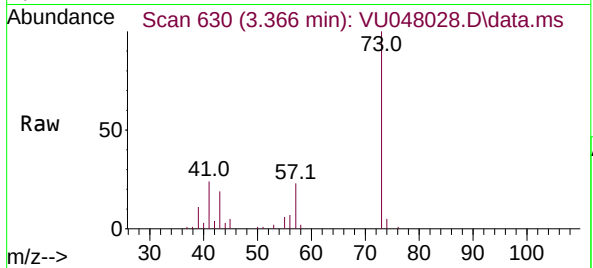




#18
Methyl tert-butyl Ether
Concen: 7.011 ug/L
RT: 3.366 min Scan# 611
Delta R.T. -0.000 min
Lab File: VU048028.D
Acq: 14 Apr 2022 01:04

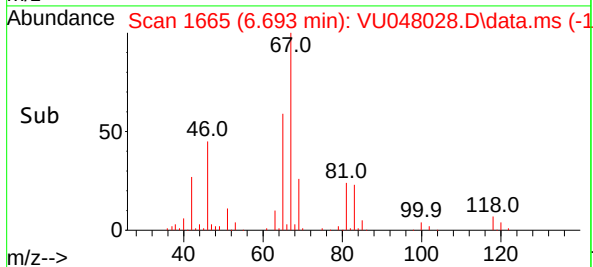
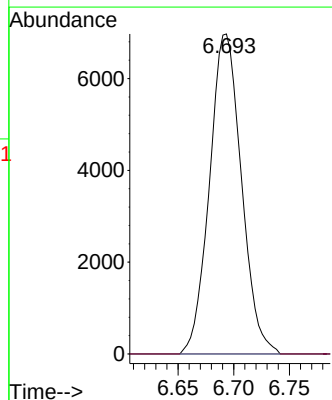
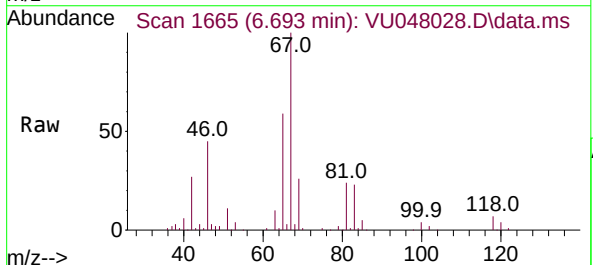
Instrument :
MSVOA_U
ClientSampleId :
C0J13

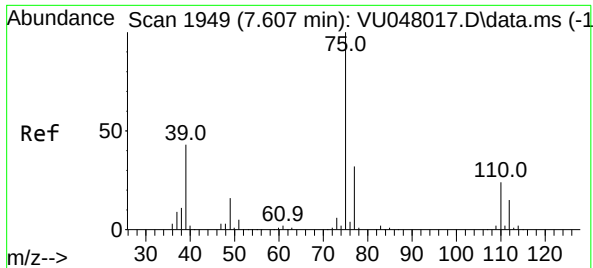
Tgt Ion: 73 Resp: 48620
Ion Ratio Lower Upper
73 100
43 19.5 15.3 22.9
57 22.7 17.0 25.6



#37
1,2-Dichloropropane
Concen: 5.374 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU048028.D
Acq: 14 Apr 2022 01:04

Tgt Ion: 63 Resp: 13900
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.776 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU048028.D

Acq: 14 Apr 2022 01:04

Instrument :

MSVOA_U

ClientSampleId :

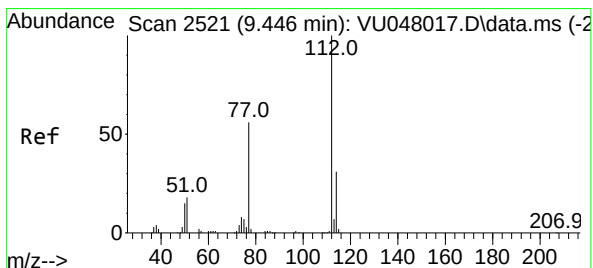
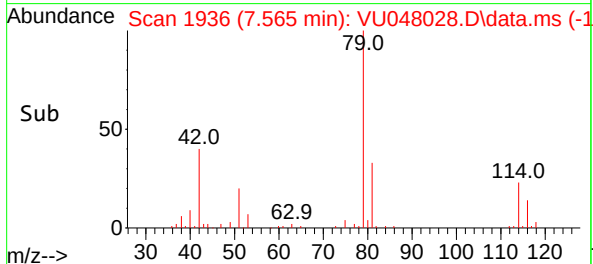
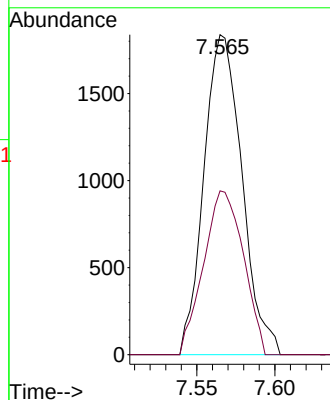
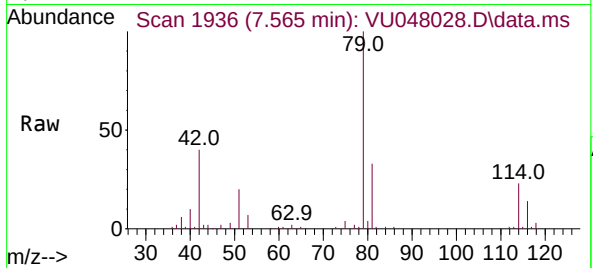
C0J13

Tgt Ion: 75 Resp: 3114

Ion Ratio Lower Upper

75 100

77 51.2 21.8 40.6#



#51

Chlorobenzene

Concen: 2.173 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU048028.D

Acq: 14 Apr 2022 01:04

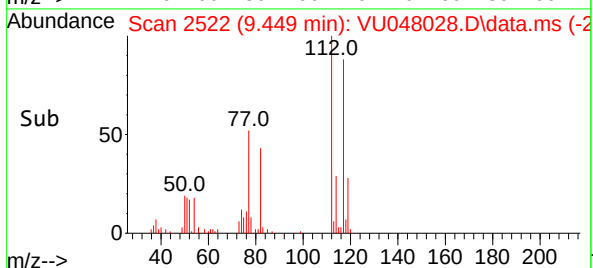
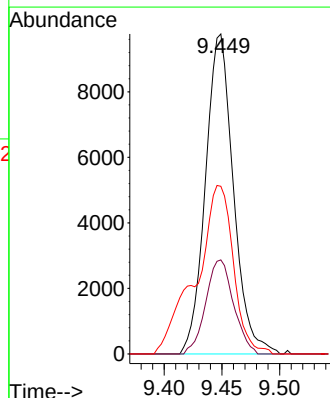
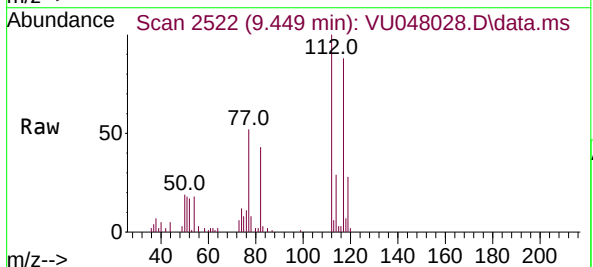
Tgt Ion: 112 Resp: 16468

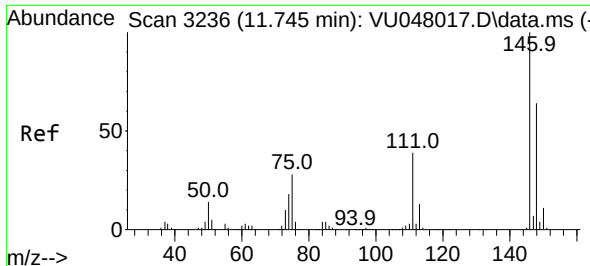
Ion Ratio Lower Upper

112 100

114 29.4 22.1 41.1

77 52.4 43.4 65.0

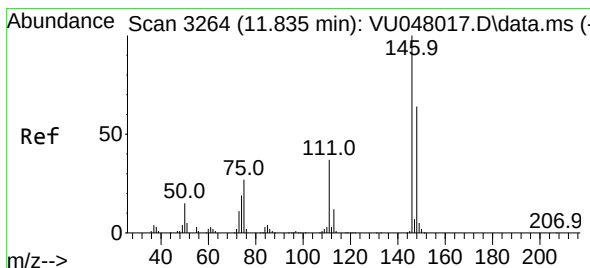
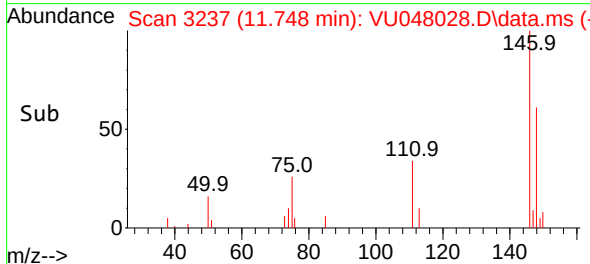
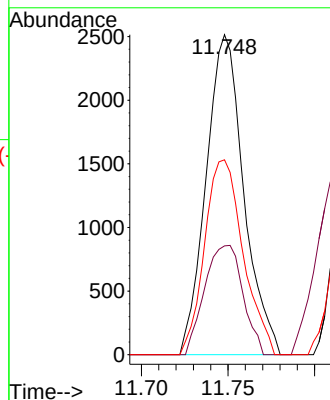
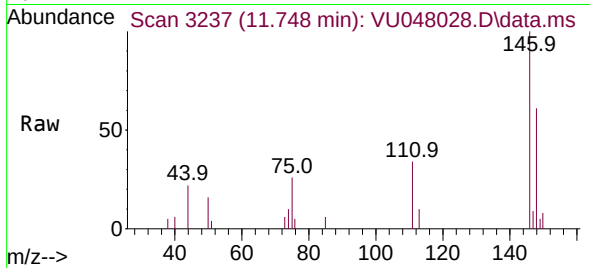




#64
1,3-Dichlorobenzene
Concen: 0.678 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048028.D
Acq: 14 Apr 2022 01:04

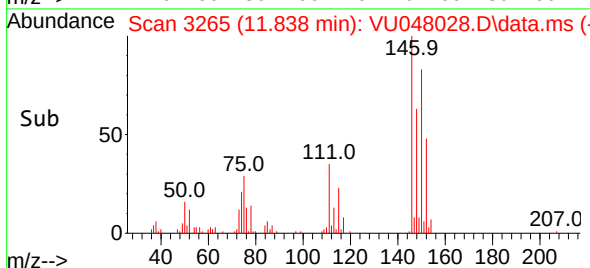
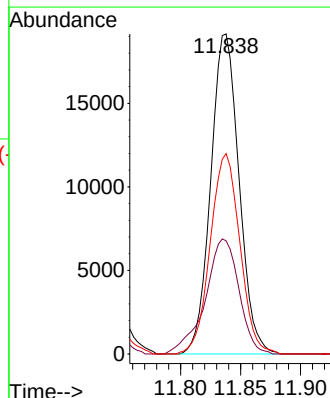
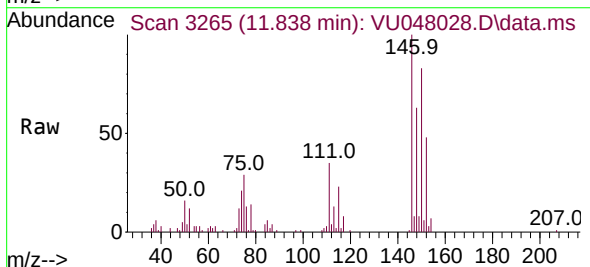
Instrument :
MSVOA_U
ClientSampleId :
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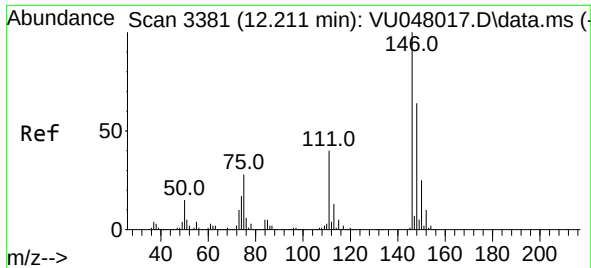
Tgt Ion:146 Resp: 3795
Ion Ratio Lower Upper
146 100
111 34.0 26.7 49.7
148 60.9 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.421 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048028.D
Acq: 14 Apr 2022 01:04

Tgt Ion:146 Resp: 31423
Ion Ratio Lower Upper
146 100
111 35.3 25.3 47.1
148 62.6 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 2.985 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048028.D

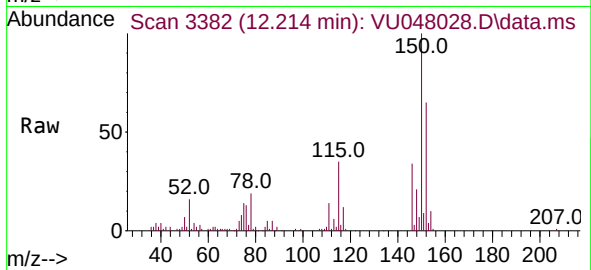
Acq: 14 Apr 2022 01:04

Instrument :

MSVOA_U

ClientSampleId :

C0J13



Tgt Ion:146 Resp: 16716

Ion Ratio Lower Upper

146 100

111 41.2 31.7 47.5

148 63.8 51.4 77.2

