

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048037.D
 Acq On : 14 Apr 2022 04:31
 Operator : SY/MD
 Sample : N2386-15 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J39

Quant Time: Apr 14 07:21:14 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)

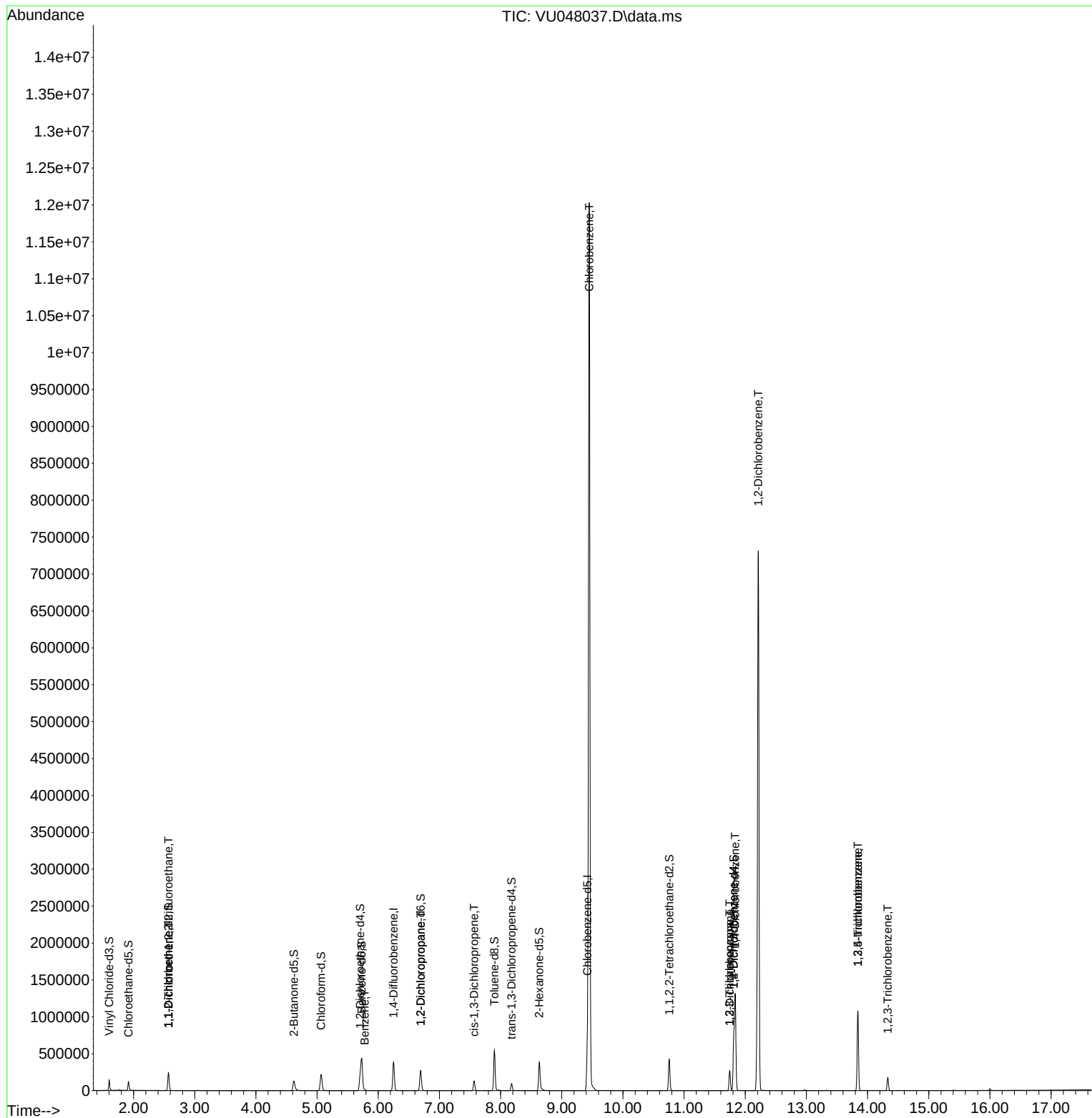
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	327398	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	358171	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	195910	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	101540	42.769	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.540%		
7) Chloroethane-d5	1.916	69	92798	49.571	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.140%		
11) 1,1-Dichloroethene-d2	2.571	63	135906	31.288	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.580%		
21) 2-Butanone-d5	4.620	46	190846	93.653	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.650%		
24) Chloroform-d	5.067	84	205188	47.234	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.460%		
26) 1,2-Dichloroethane-d4	5.703	65	131486	49.350	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.700%		
32) Benzene-d6	5.729	84	415976	46.155	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.300%		
36) 1,2-Dichloropropane-d6	6.694	67	135470	48.944	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.880%		
41) Toluene-d8	7.899	98	369058	42.030	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.060%		
43) trans-1,3-Dichloroprop...	8.179	79	54017	38.522	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.040%		
47) 2-Hexanone-d5	8.632	63	135511	83.633	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.630%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	211659	44.559	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.120%		
66) 1,2-Dichlorobenzene-d4	11.812	152	171235	49.129	ug/L	-0.38
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.260%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1349	0.559	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1177	0.524	ug/L #	1
33) Benzene	5.777	78	9158	0.883	ug/L	100
37) 1,2-Dichloropropane	6.694	63	13827	5.246	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3093	0.756	ug/L #	60
51) Chlorobenzene	9.449	112	6614270	856.347	ug/L	97
60) 1,2,3-Trichloropropane	11.745	75	31745	8.595	ug/L #	49
64) 1,3-Dichlorobenzene	11.745	146	117643	19.990	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	535266	87.811	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	3025725	513.837	ug/L	100
69) 1,3,5-Trichlorobenzene	13.841	180	356572	74.605	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	356572	85.175	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	58763	14.002	ug/L	100

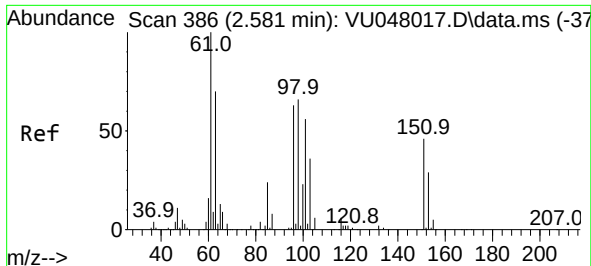
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.559 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.010 min

Lab File: VU048037.D

Acq: 14 Apr 2022 04:31

Instrument :

MSVOA_U

ClientSampleId :

C0J39

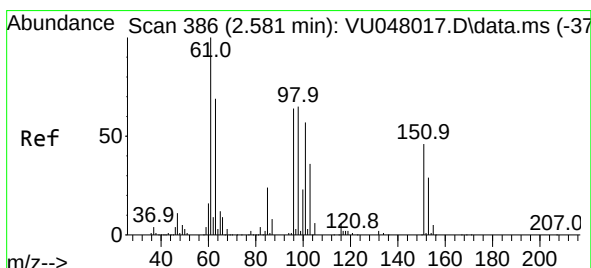
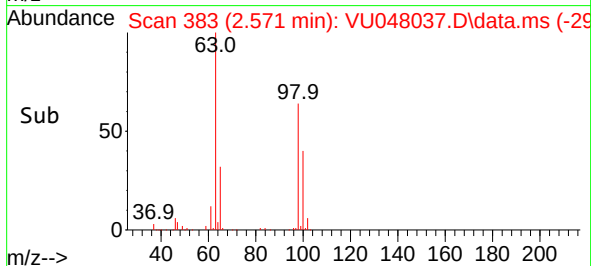
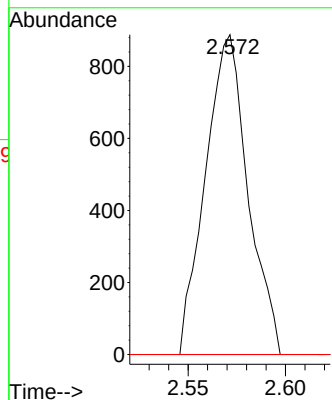
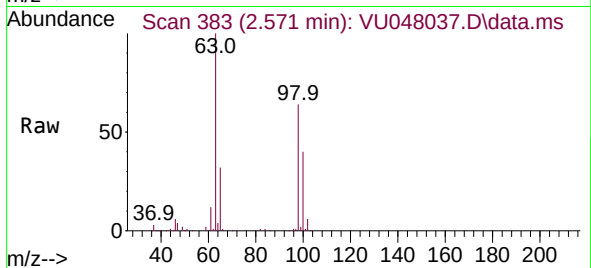
Tgt Ion:101 Resp: 1349

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: 0.524 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.010 min

Lab File: VU048037.D

Acq: 14 Apr 2022 04:31

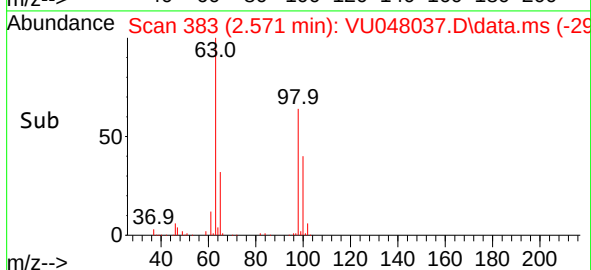
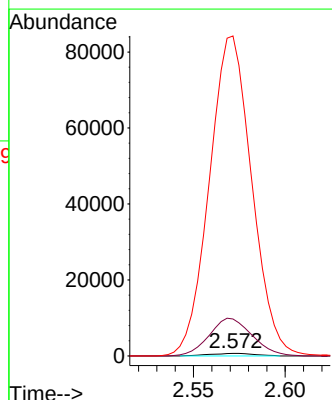
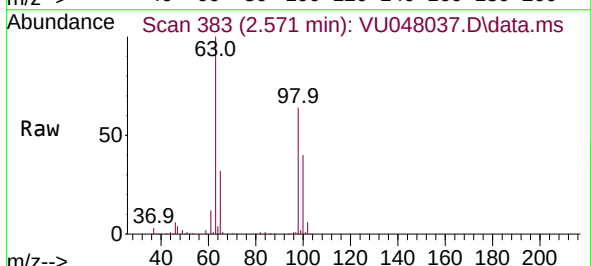
Tgt Ion: 96 Resp: 1177

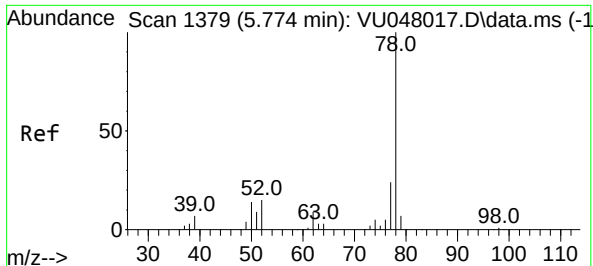
Ion Ratio Lower Upper

96 100

61 1409.1 113.1 210.1#

63 12225.3 94.8 176.0#

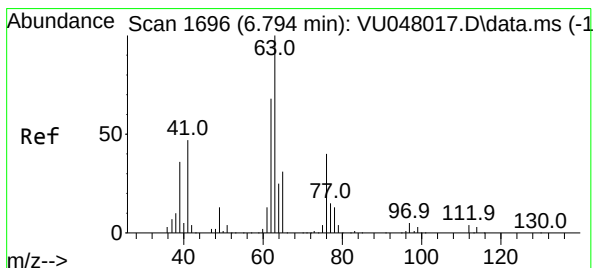
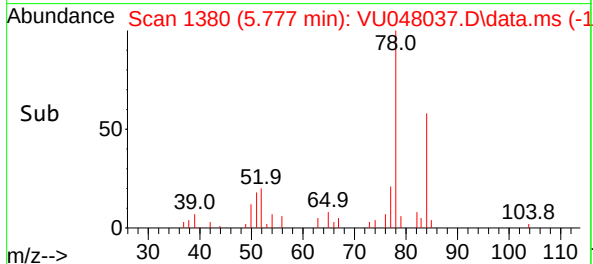
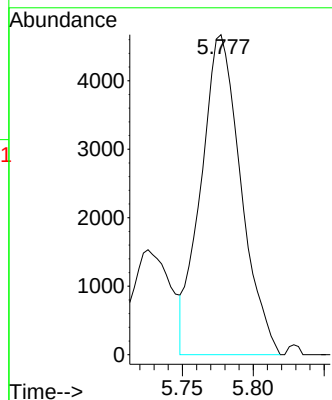
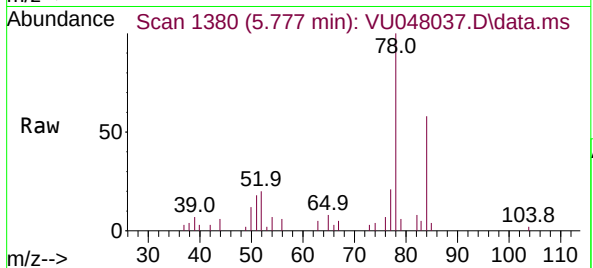




#33
Benzene
Concen: 0.883 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU048037.D
Acq: 14 Apr 2022 04:31

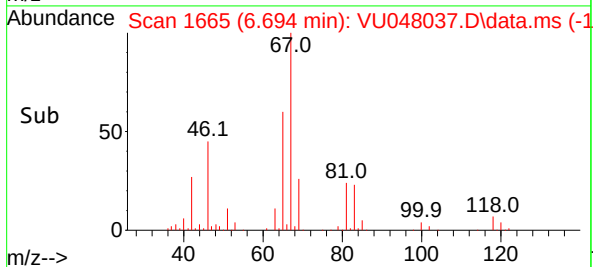
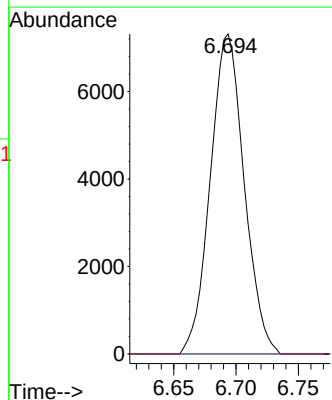
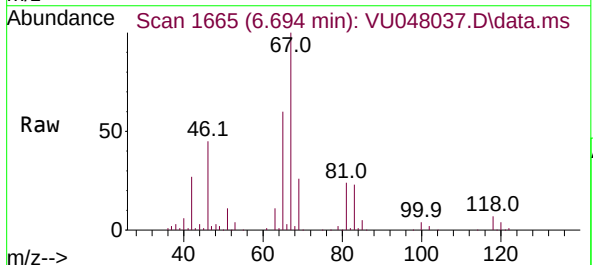
Instrument :
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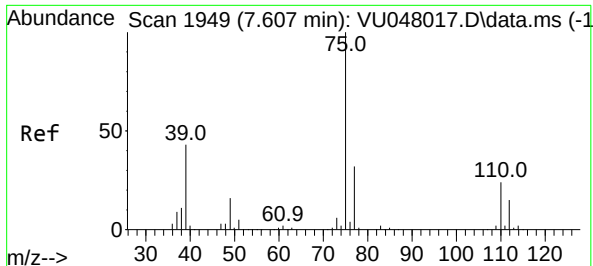
Tgt Ion: 78 Resp: 9158



#37
1,2-Dichloropropane
Concen: 5.246 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU048037.D
Acq: 14 Apr 2022 04:31

Tgt Ion: 63 Resp: 13827
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.756 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU048037.D

Acq: 14 Apr 2022 04:31

Instrument :

MSVOA_U

ClientSampleId :

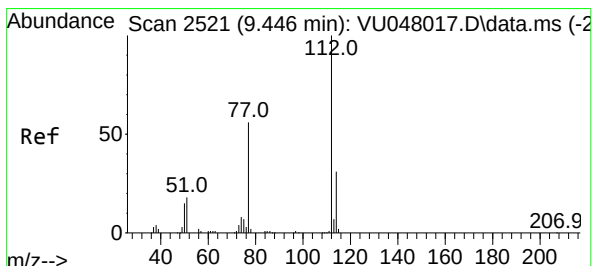
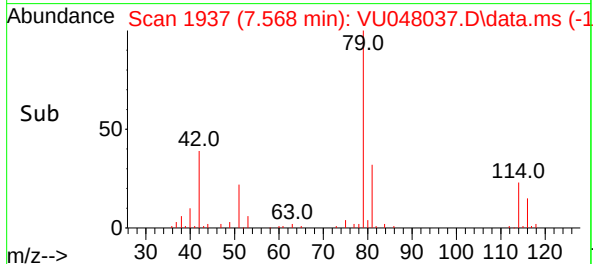
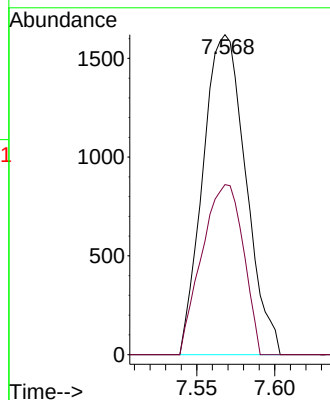
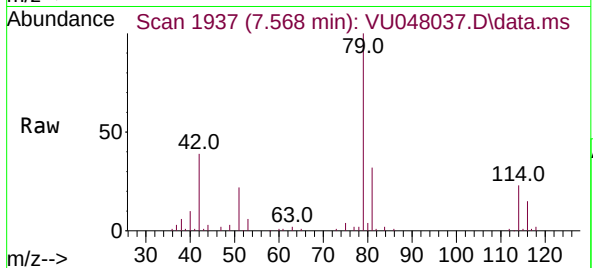
C0J39

Tgt Ion: 75 Resp: 3093

Ion Ratio Lower Upper

75 100

77 53.1 21.8 40.6#



#51

Chlorobenzene

Concen: 856.347 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU048037.D

Acq: 14 Apr 2022 04:31

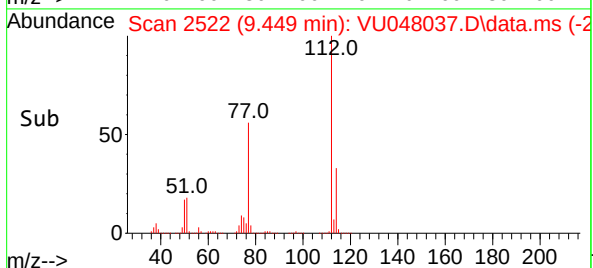
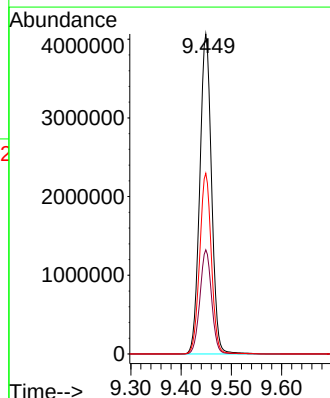
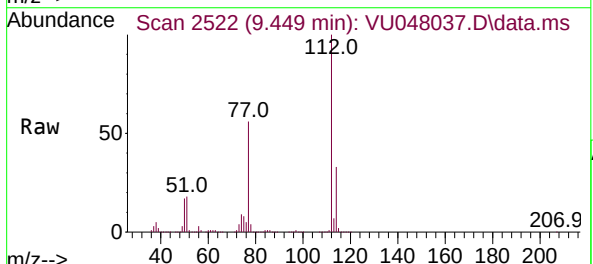
Tgt Ion: 112 Resp: 6614270

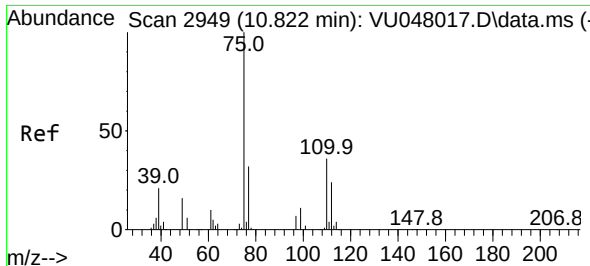
Ion Ratio Lower Upper

112 100

114 32.5 22.1 41.1

77 56.5 43.4 65.0

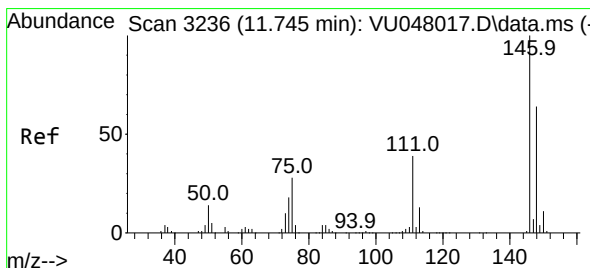
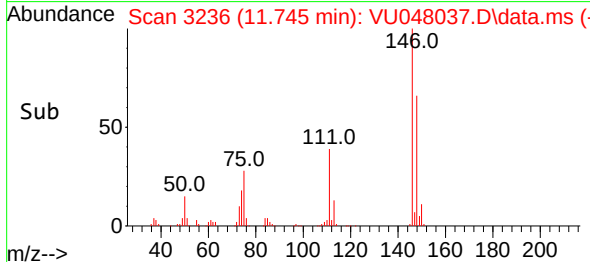
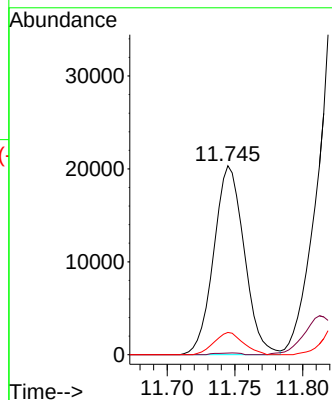
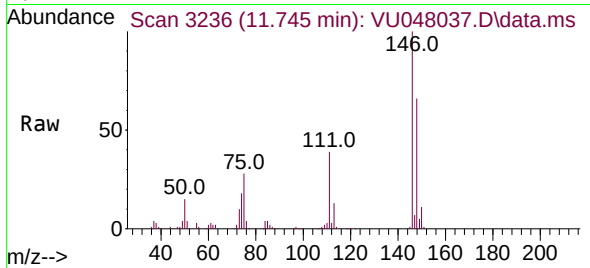




#60
1,2,3-Trichloropropane
Concen: 8.595 ug/L
RT: 11.745 min Scan# 31745
Delta R.T. 0.922 min
Lab File: VU048037.D
Acq: 14 Apr 2022 04:31

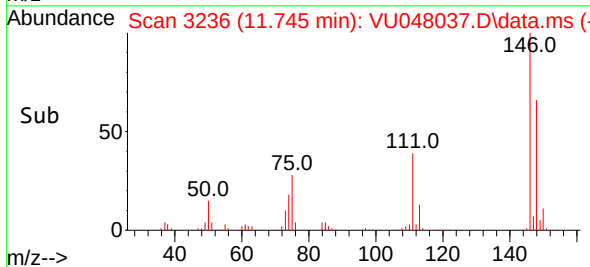
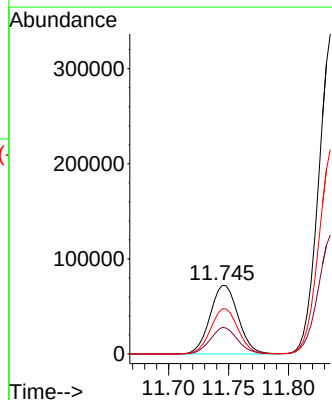
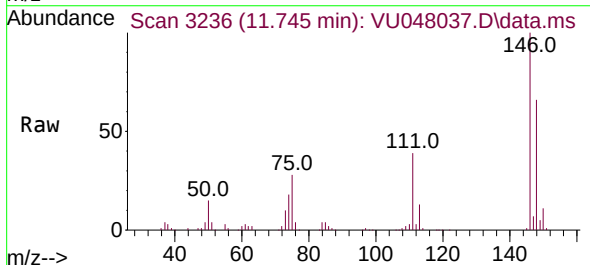
Instrument :
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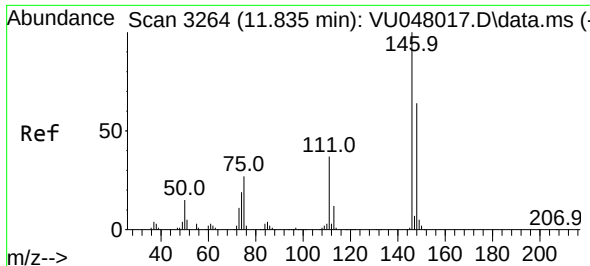
Tgt Ion: 75 Resp: 31745
Ion Ratio Lower Upper
75 100
77 0.7 26.0 39.0#
110 11.2 31.4 47.2#



#64
1,3-Dichlorobenzene
Concen: 19.990 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU048037.D
Acq: 14 Apr 2022 04:31

Tgt Ion:146 Resp: 117643
Ion Ratio Lower Upper
146 100
111 38.6 26.7 49.7
148 65.7 44.4 82.5

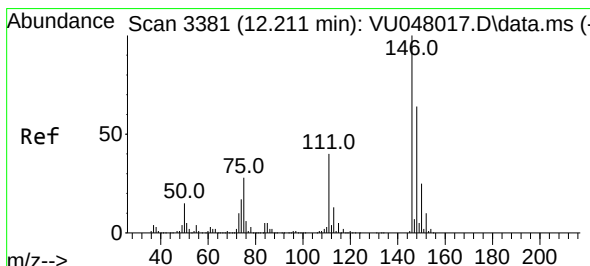
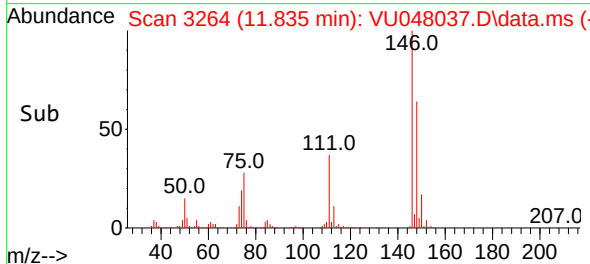
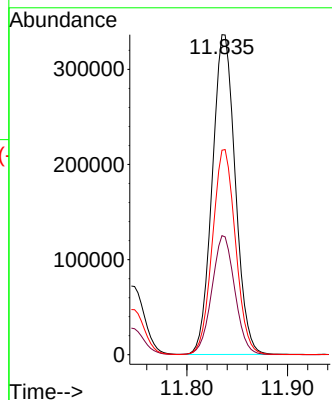
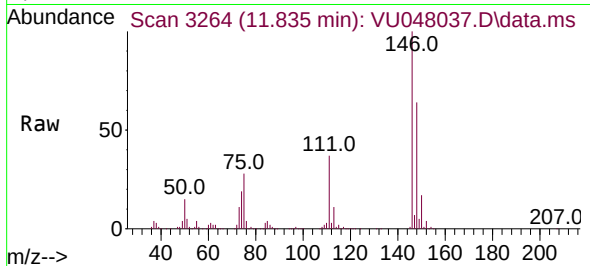




#65
1,4-Dichlorobenzene
Concen: 87.811 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048037.D
Acq: 14 Apr 2022 04:31

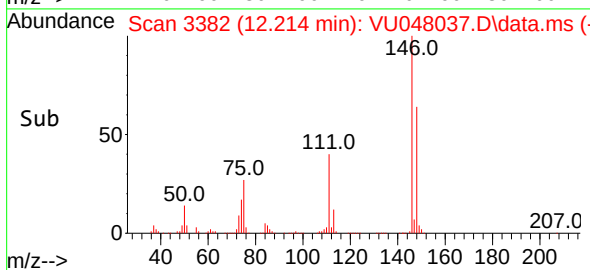
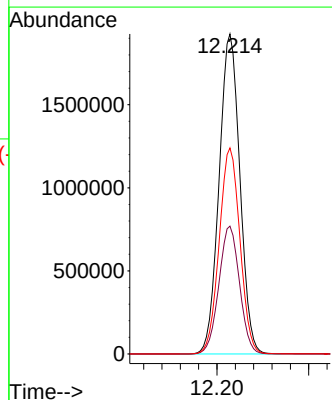
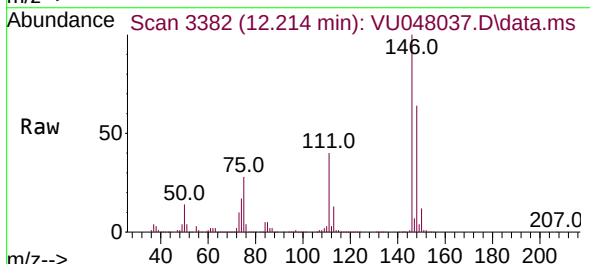
Instrument :
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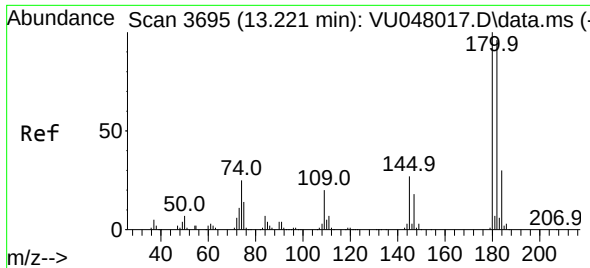
Tgt Ion:146 Resp: 535266
Ion Ratio Lower Upper
146 100
111 37.2 25.3 47.1
148 63.9 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 513.837 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU048037.D
Acq: 14 Apr 2022 04:31

Tgt Ion:146 Resp: 3025725
Ion Ratio Lower Upper
146 100
111 39.9 31.7 47.5
148 64.4 51.4 77.2

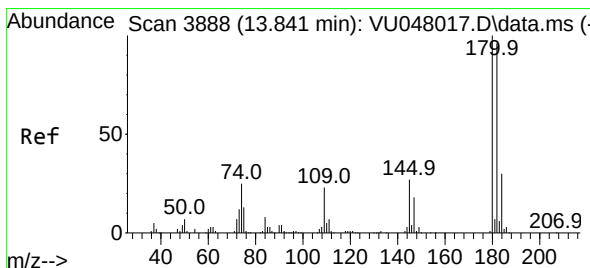
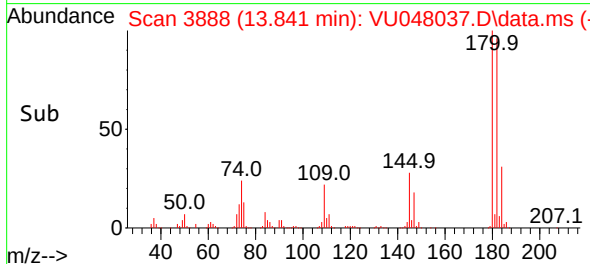
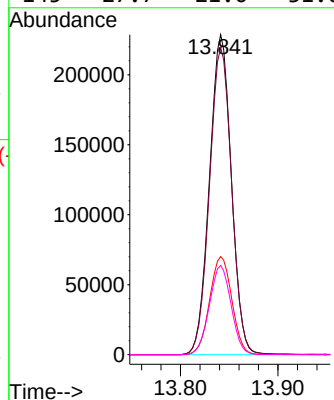
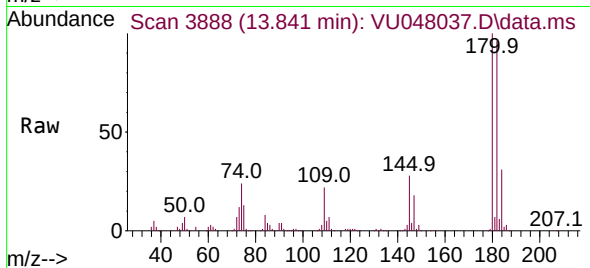




#69
 1,3,5-Trichlorobenzene
 Concen: 74.605 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.620 min
 Lab File: VU048037.D
 Acq: 14 Apr 2022 04:31

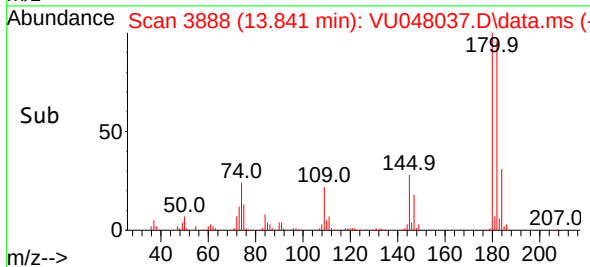
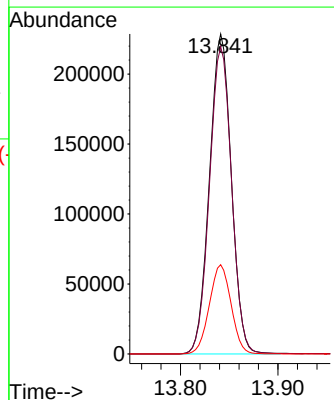
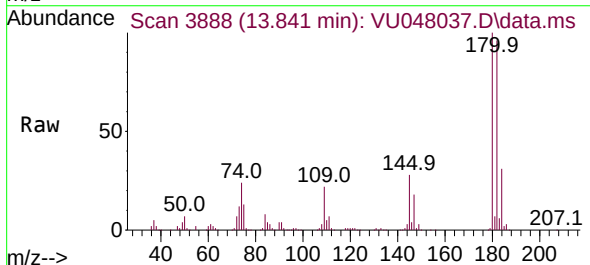
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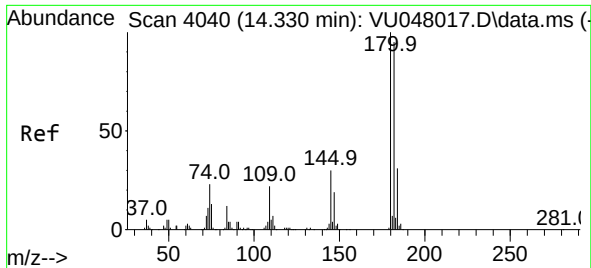
Tgt Ion:180 Resp: 356572
 Ion Ratio Lower Upper
 180 100
 182 97.0 77.0 115.6
 184 31.1 24.5 36.7
 145 27.7 21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 85.175 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048037.D
 Acq: 14 Apr 2022 04:31

Tgt Ion:180 Resp: 356572
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.2 114.2
 145 27.7 21.8 32.8





#72

1,2,3-Trichlorobenzene

Concen: 14.002 ug/L

RT: 14.330 min Scan# 40

Delta R.T. -0.000 min

Lab File: VU048037.D

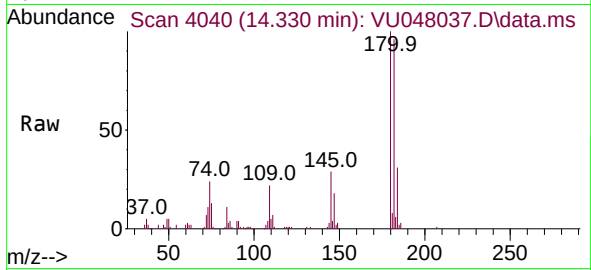
Acq: 14 Apr 2022 04:31

Instrument :

MSVOA_U

ClientSampleId :

C0J39



Tgt Ion:180 Resp: 58763

Ion Ratio Lower Upper

180 100

182 96.4 77.4 116.0

145 28.9 22.8 34.2

