

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041522\
 Data File : VU048103.D
 Acq On : 15 Apr 2022 15:21
 Operator : SY/MD
 Sample : N2386-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HY6

Quant Time: Apr 16 00:36:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 16 00:34:16 2022
 Response via : Initial Calibration

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

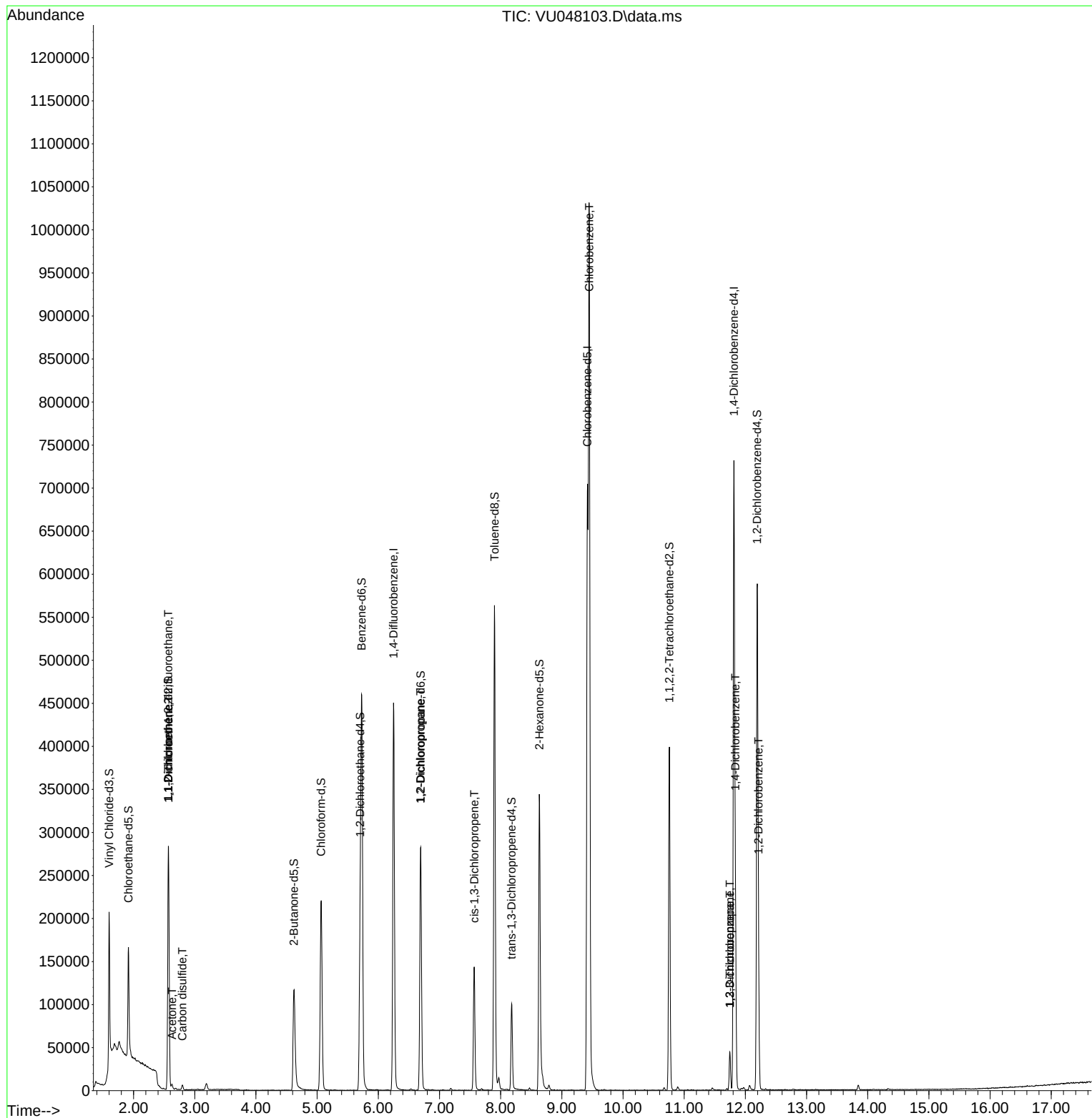
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	382823	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	398846	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	202010	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	131851	47.495	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.000%		
7) Chloroethane-d5	1.916	69	102283	46.727	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.460%		
11) 1,1-Dichloroethene-d2	2.568	63	161700	31.836	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.680%		
21) 2-Butanone-d5	4.620	46	168343	70.650	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	70.650%		
24) Chloroform-d	5.067	84	208475	41.042	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.080%		
26) 1,2-Dichloroethane-d4	5.703	65	131128	42.091	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.180%		
32) Benzene-d6	5.729	84	435175	43.361	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.720%		
36) 1,2-Dichloropropane-d6	6.694	67	139870	45.380	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.760%		
41) Toluene-d8	7.899	98	383139	39.183	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.360%#		
43) trans-1,3-Dichloroprop...	8.179	79	57345	36.725	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.440%		
47) 2-Hexanone-d5	8.633	63	119156	66.040	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	66.040%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	199040	37.629	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	75.260%		
66) 1,2-Dichlorobenzene-d4	12.192	152	160872	44.762	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.520%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1606	0.569	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	1433	0.546	ug/L #	1
13) Acetone	2.630	43	6522	2.941	ug/L	96
14) Carbon disulfide	2.797	76	7178	0.865	ug/L	98
37) 1,2-Dichloropropane	6.690	63	14200	4.838	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3274	0.719	ug/L #	41
51) Chlorobenzene	9.446	112	575222	66.879	ug/L	99
60) 1,2,3-Trichloropropane	11.745	75	5115	1.343	ug/L #	54
64) 1,3-Dichlorobenzene	11.748	146	19716	3.249	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	93567	14.886	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	56951	9.380	ug/L	99

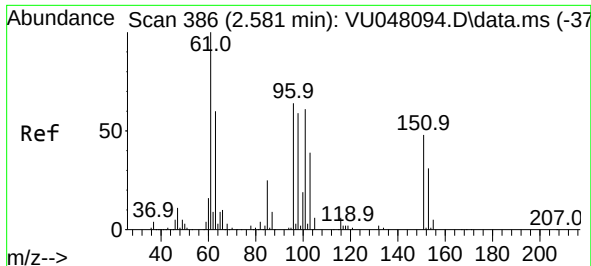
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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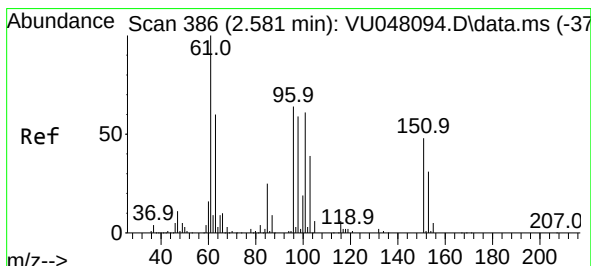
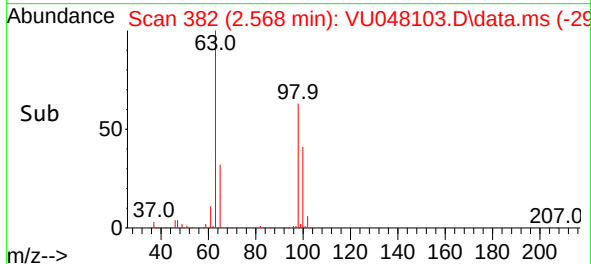
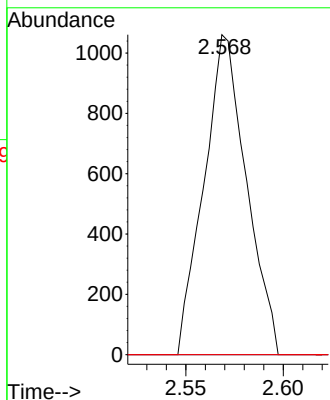
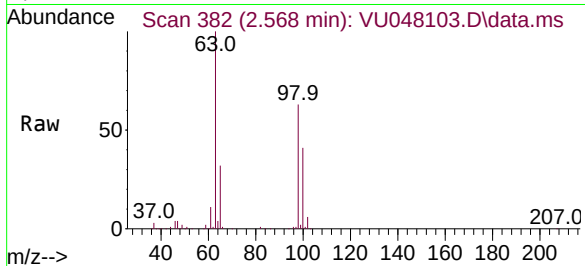




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.569 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU048103.D
 Acq: 15 Apr 2022 15:21

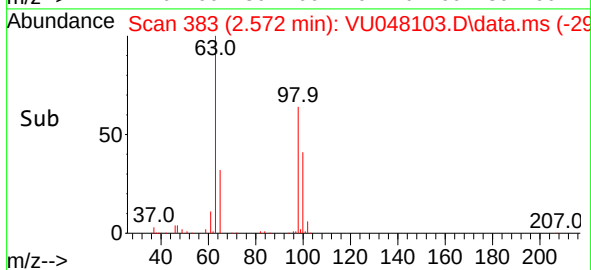
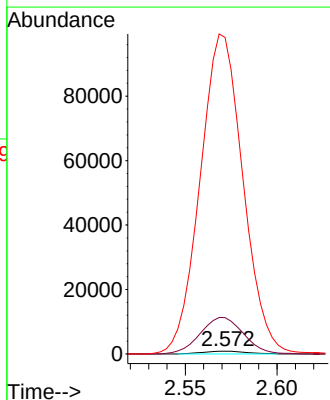
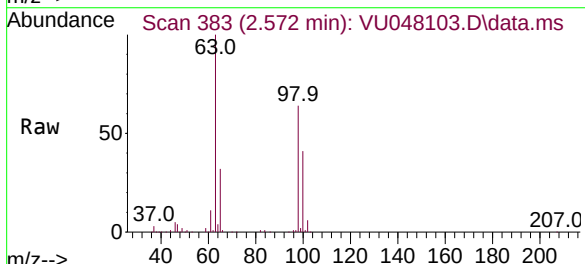
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HY6

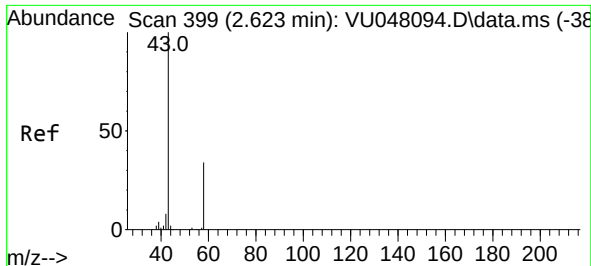
Tgt Ion:101 Resp: 1606
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.546 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU048103.D
 Acq: 15 Apr 2022 15:21

Tgt Ion: 96 Resp: 1433
 Ion Ratio Lower Upper
 96 100
 61 1294.5 113.1 210.1#
 63 11299.4 94.8 176.0#





#13

Acetone

Concen: 2.941 ug/L

RT: 2.630 min Scan# 401

Delta R.T. 0.007 min

Lab File: VU048103.D

Acq: 15 Apr 2022 15:21

Instrument :

MSVOA_U

ClientSampleId :

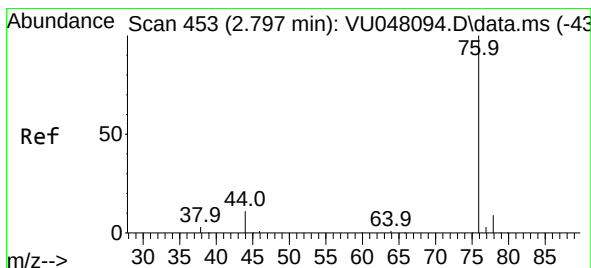
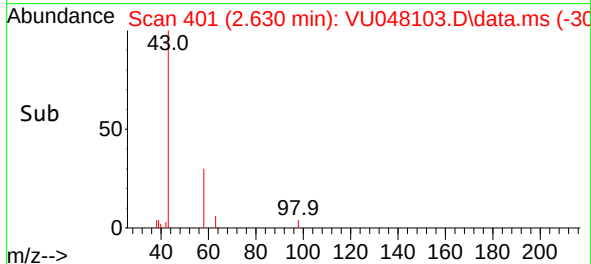
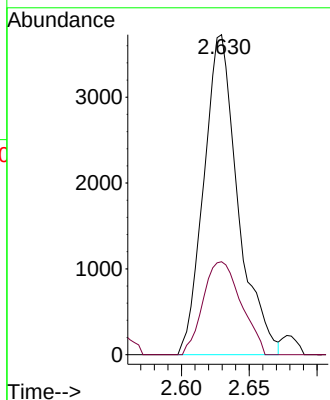
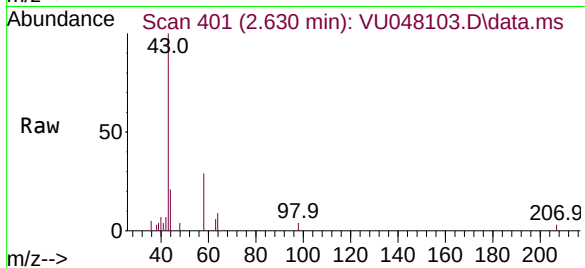
C0HY6

Tgt Ion: 43 Resp: 6522

Ion Ratio Lower Upper

43 100

58 32.4 0.0 70.0



#14

Carbon disulfide

Concen: 0.865 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.000 min

Lab File: VU048103.D

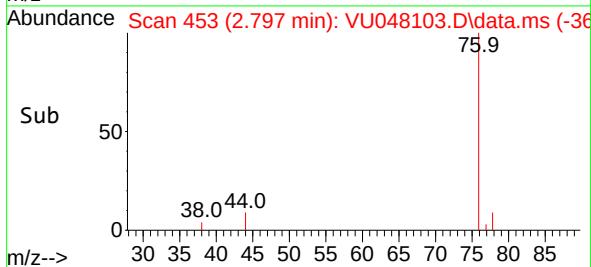
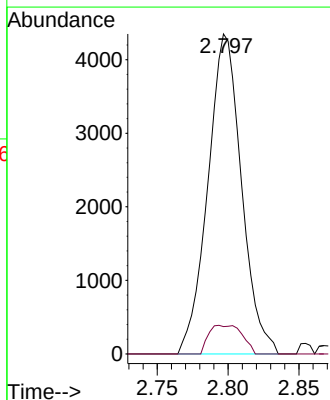
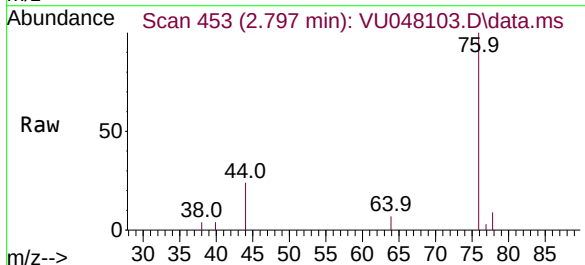
Acq: 15 Apr 2022 15:21

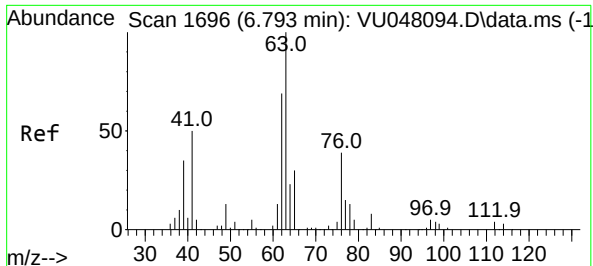
Tgt Ion: 76 Resp: 7178

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.0





#37

1,2-Dichloropropane

Concen: 4.838 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048103.D

Acq: 15 Apr 2022 15:21

Instrument :

MSVOA_U

ClientSampleId :

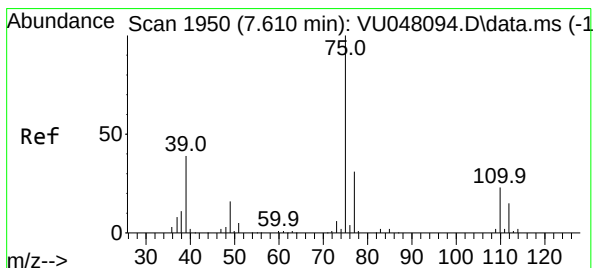
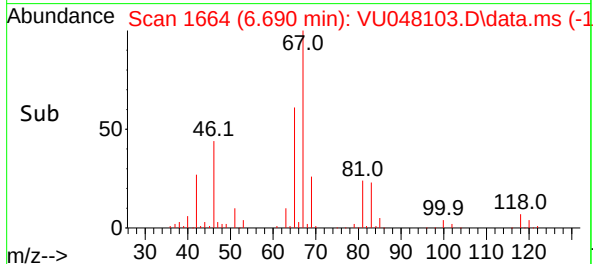
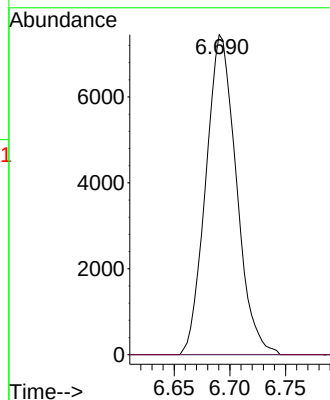
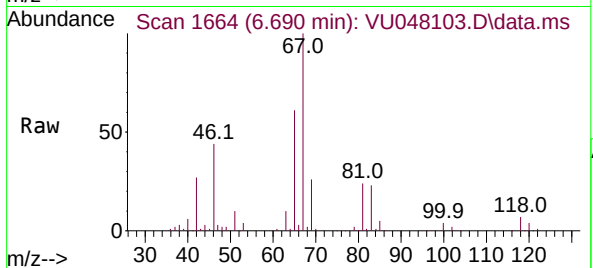
C0HY6

Tgt Ion: 63 Resp: 14200

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.719 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU048103.D

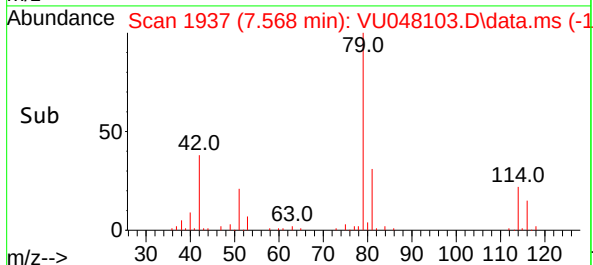
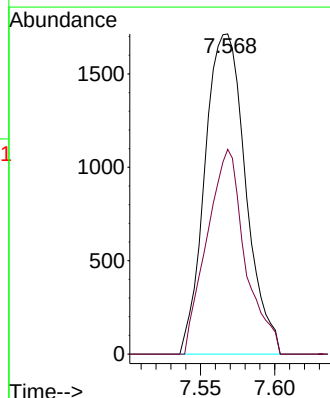
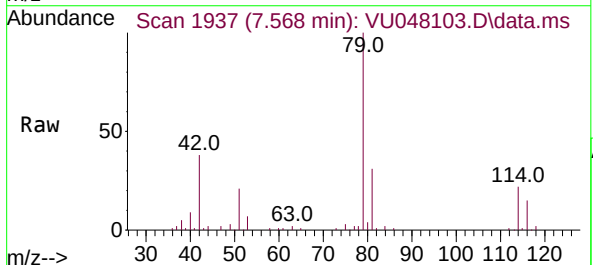
Acq: 15 Apr 2022 15:21

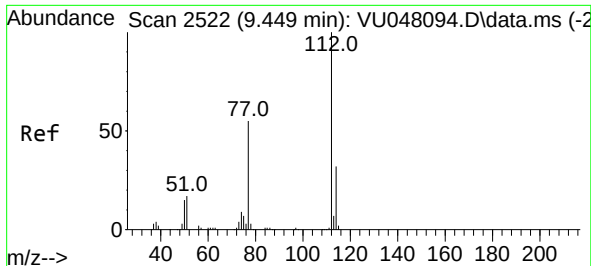
Tgt Ion: 75 Resp: 3274

Ion Ratio Lower Upper

75 100

77 63.9 21.8 40.6#

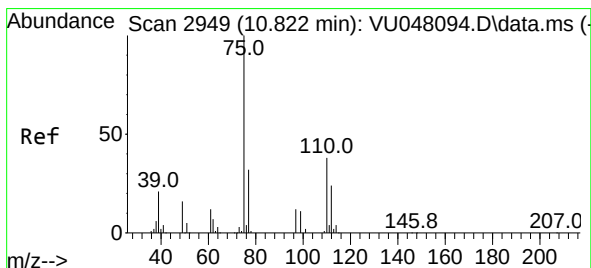
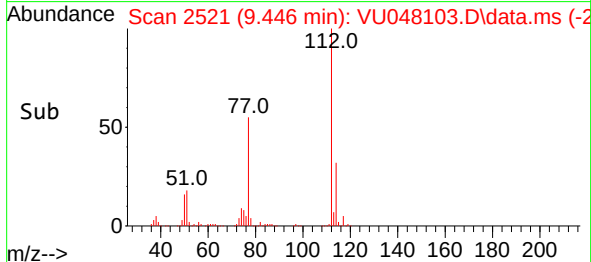
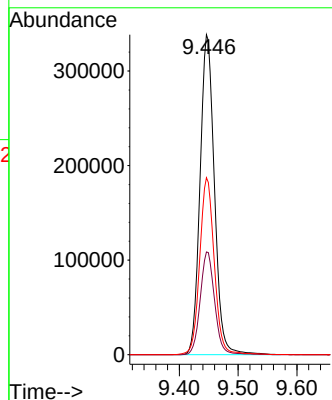
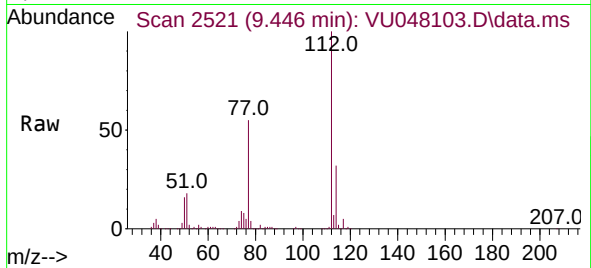




#51
Chlorobenzene
Concen: 66.879 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048103.D
Acq: 15 Apr 2022 15:21

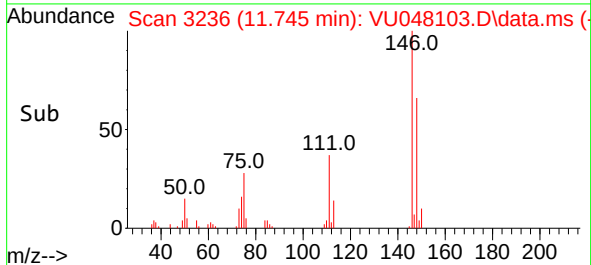
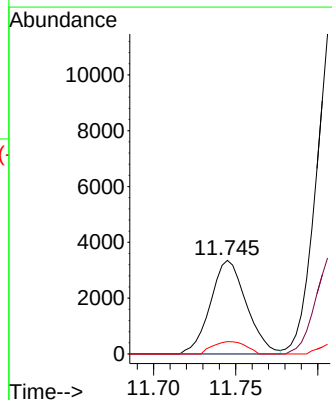
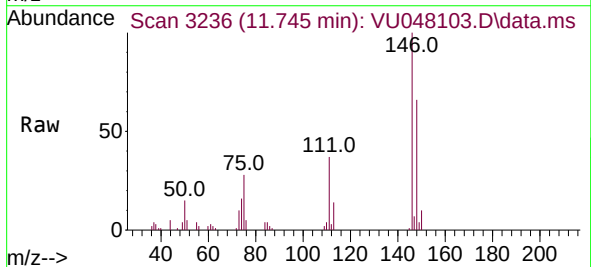
Instrument :
MSVOA_U
ClientSampleId :
C0HY6

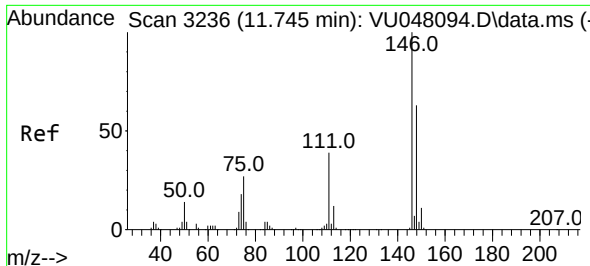
Tgt Ion:112 Resp: 575222
Ion Ratio Lower Upper
112 100
114 32.1 22.1 41.1
77 55.3 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 1.343 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.923 min
Lab File: VU048103.D
Acq: 15 Apr 2022 15:21

Tgt Ion: 75 Resp: 5115
Ion Ratio Lower Upper
75 100
77 5.4 26.0 39.0#
110 12.0 31.4 47.2#

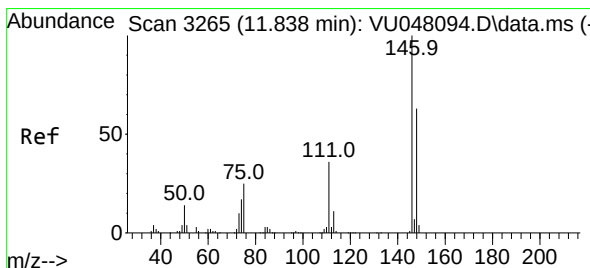
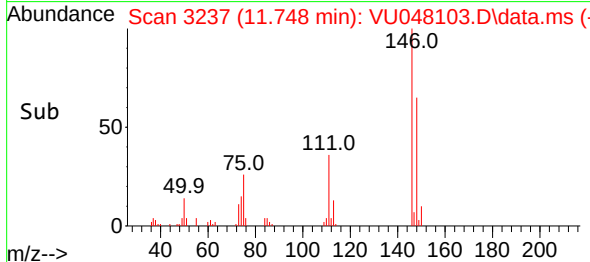
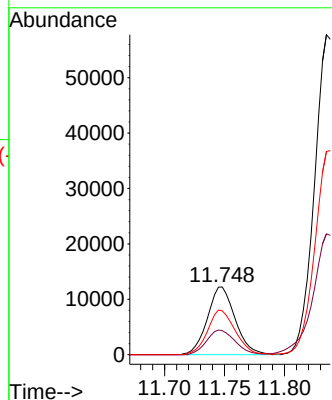
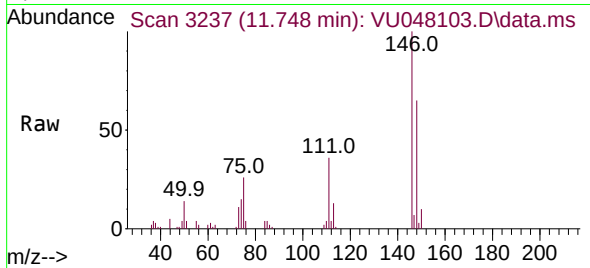




#64
1,3-Dichlorobenzene
Concen: 3.249 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048103.D
Acq: 15 Apr 2022 15:21

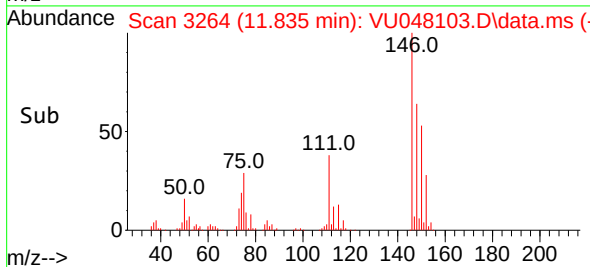
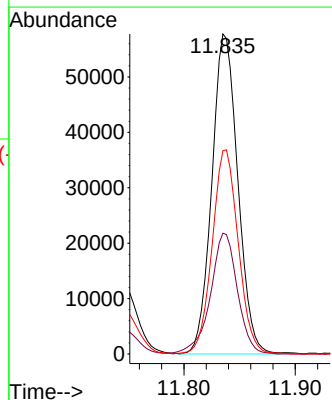
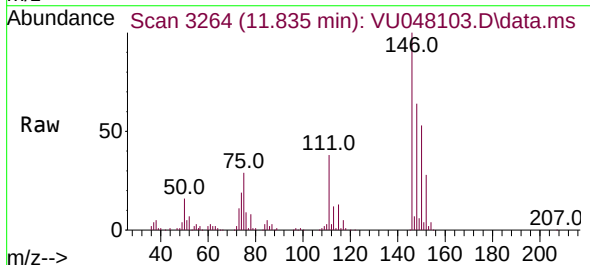
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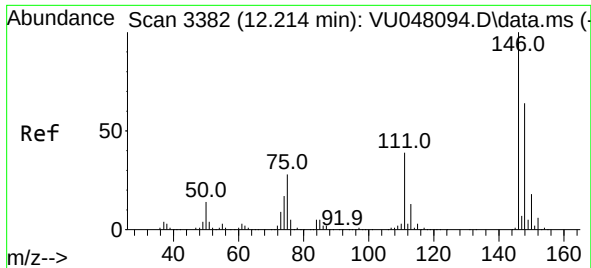
Tgt Ion:146 Resp: 19716
Ion Ratio Lower Upper
146 100
111 35.6 26.7 49.7
148 64.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 14.886 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU048103.D
Acq: 15 Apr 2022 15:21

Tgt Ion:146 Resp: 93567
Ion Ratio Lower Upper
146 100
111 37.8 25.3 47.1
148 63.5 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 9.380 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048103.D

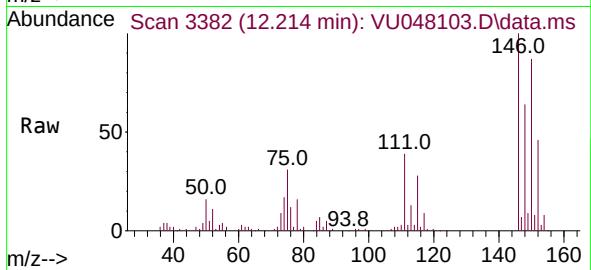
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Instrument :

MSVOA_U

ClientSampleId :

C0HY6



Tgt Ion:146 Resp: 56951

Ion Ratio Lower Upper

146 100

111 38.7 31.7 47.5

148 63.9 51.4 77.2

