

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048158.D
 Acq On : 20 Apr 2022 21:09
 Operator : SY/MD
 Sample : N2485-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J27

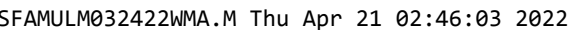
Quant Time: Apr 21 02:45:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 21 02:37:57 2022
 Response via : Initial Calibration

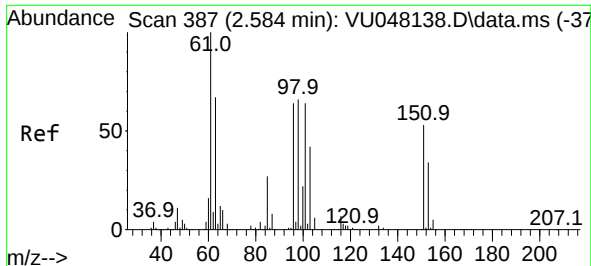
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	371994	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	375641	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	190466	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	110862	41.097	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.200%		
7) Chloroethane-d5	1.916	69	96538	45.386	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.780%		
11) 1,1-Dichloroethene-d2	2.568	63	149333	30.257	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.520%		
21) 2-Butanone-d5	4.620	46	197269	85.199	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.200%		
24) Chloroform-d	5.067	84	209304	42.405	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.800%		
26) 1,2-Dichloroethane-d4	5.703	65	131313	43.377	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.760%		
32) Benzene-d6	5.729	84	442240	46.787	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.580%		
36) 1,2-Dichloropropane-d6	6.690	67	142443	49.070	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.140%		
41) Toluene-d8	7.899	98	386722	41.993	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.980%		
43) trans-1,3-Dichloroprop...	8.179	79	57373	39.012	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.020%		
47) 2-Hexanone-d5	8.632	63	140460	82.656	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.660%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	215107	43.179	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.360%		
66) 1,2-Dichlorobenzene-d4	12.192	152	167197	49.341	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.680%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1469	0.536	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1229	0.482	ug/L #	1
33) Benzene	5.777	78	94112	8.656	ug/L	100
35) Methylcyclohexane	6.690	83	33109	7.635	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	14091	5.098	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3466	0.808	ug/L #	49
51) Chlorobenzene	9.446	112	358003	44.195	ug/L	98
60) 1,2,3-Trichloropropane	11.748	75	3071	0.855	ug/L #	49
64) 1,3-Dichlorobenzene	11.748	146	12086	2.112	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	200320	33.802	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	164820	28.790	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	27505	5.919	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	27505	6.758	ug/L	98
72) 1,2,3-Trichlorobenzene	14.333	180	8030	1.968	ug/L	99

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

Quant Time: Apr 21 02:45:57 2022
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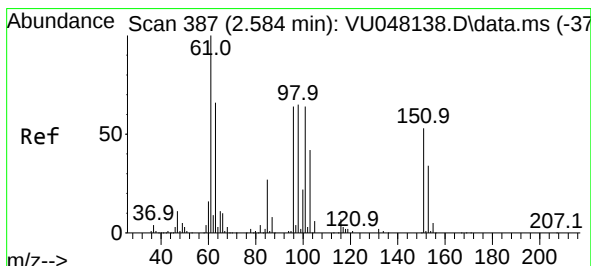
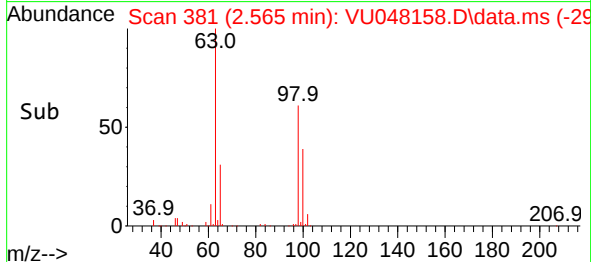
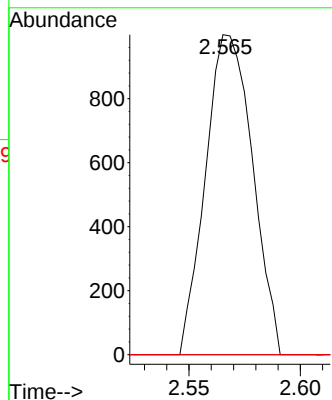
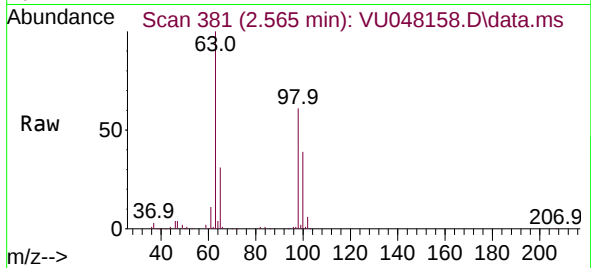




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.536 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.019 min
Lab File: VU048158.D
Acq: 20 Apr 2022 21:09

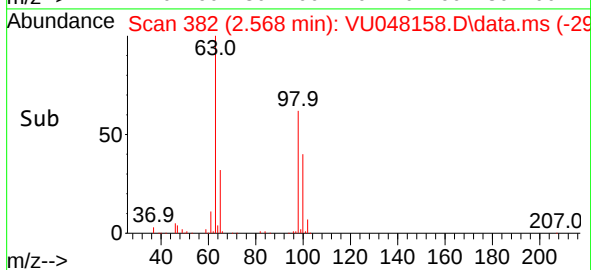
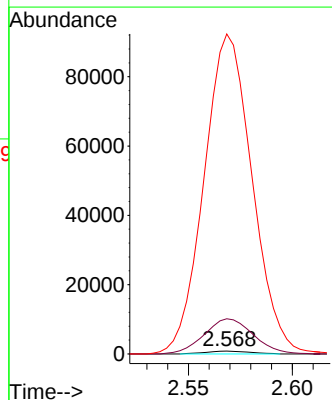
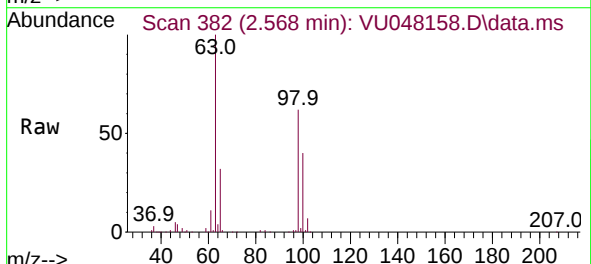
Instrument :
MSVOA_U
ClientSampleId :
C0J27

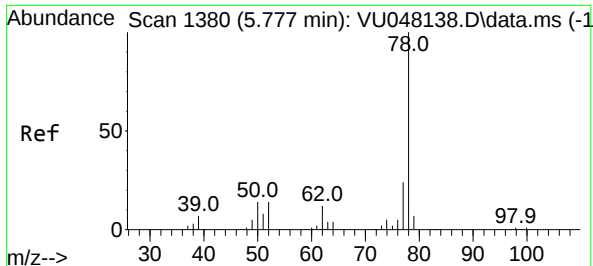
Tgt Ion:101 Resp: 1469
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.482 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU048158.D
Acq: 20 Apr 2022 21:09

Tgt Ion: 96 Resp: 1229
Ion Ratio Lower Upper
96 100
61 1237.6 113.1 210.1#
63 11234.1 94.8 176.0#

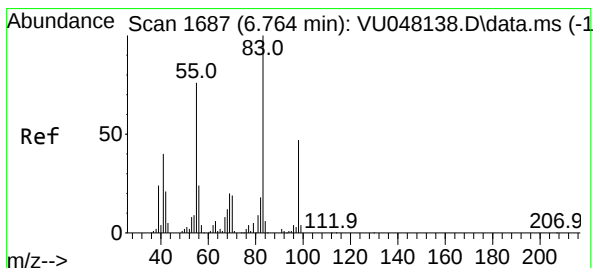
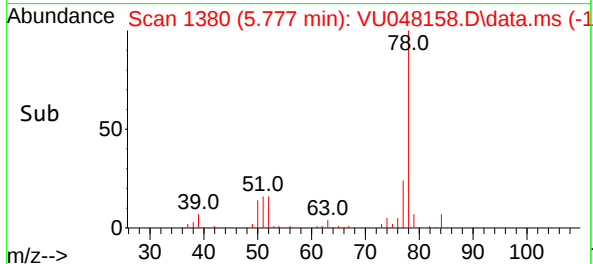
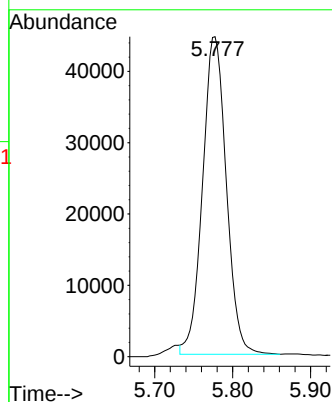
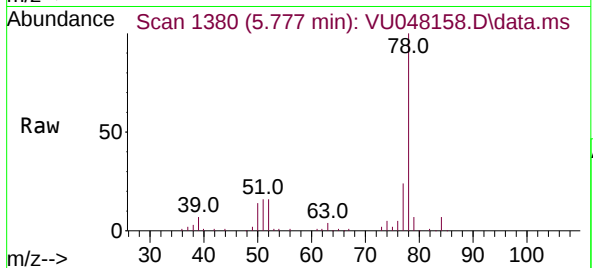




#33
Benzene
Concen: 8.656 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048158.D
Acq: 20 Apr 2022 21:09

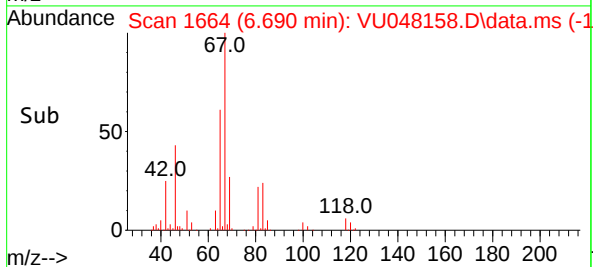
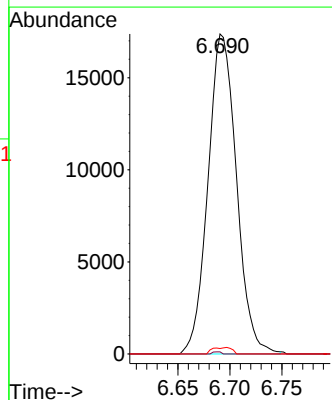
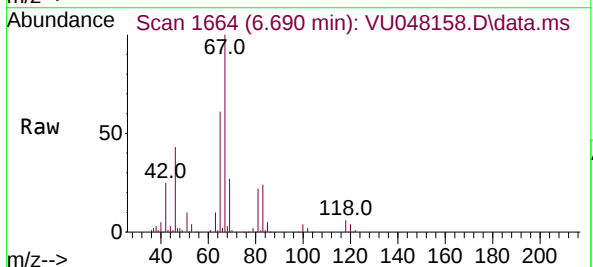
Instrument :
MSVOA_U
ClientSampleId :
C0J27

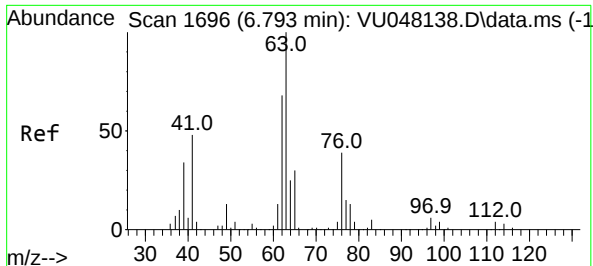
Tgt Ion: 78 Resp: 94112



#35
Methylcyclohexane
Concen: 7.635 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU048158.D
Acq: 20 Apr 2022 21:09

Tgt Ion: 83 Resp: 33109
Ion Ratio Lower Upper
83 100
55 0.2 56.8 85.2#
98 0.7 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 5.098 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU048158.D

Acq: 20 Apr 2022 21:09

Instrument :

MSVOA_U

ClientSampleId :

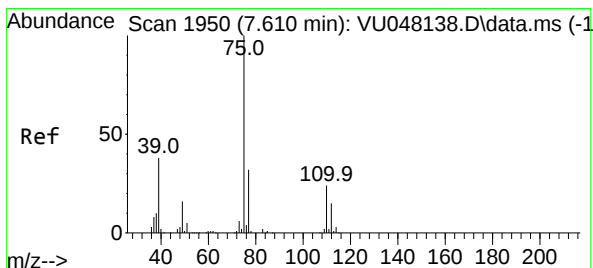
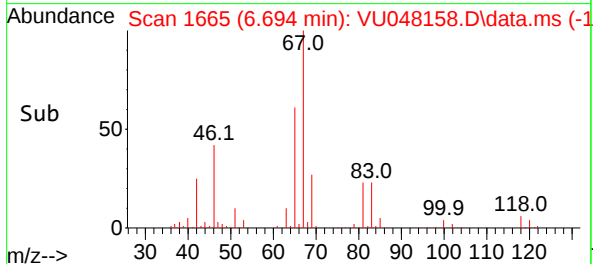
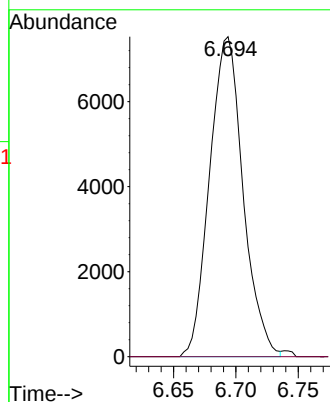
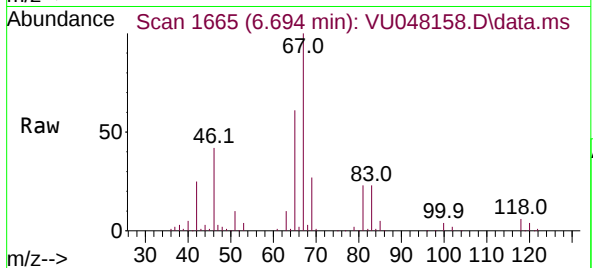
C0J27

Tgt Ion: 63 Resp: 14091

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.808 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU048158.D

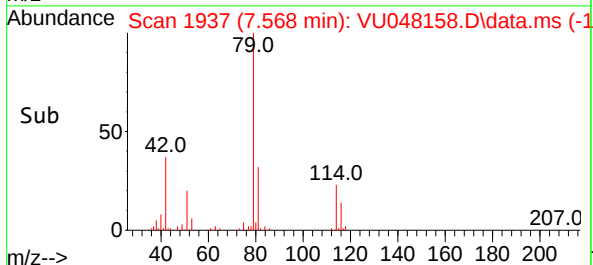
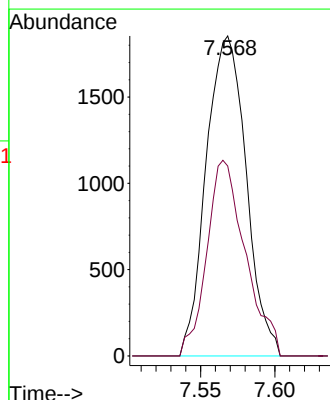
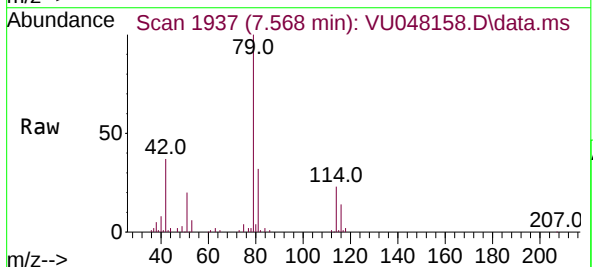
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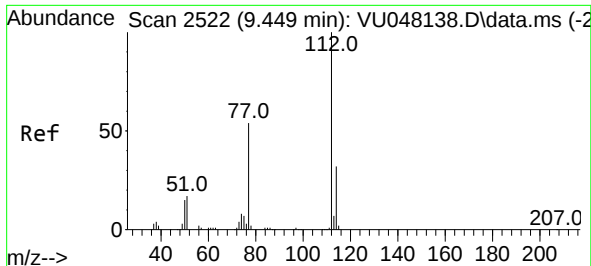
Tgt Ion: 75 Resp: 3466

Ion Ratio Lower Upper

75 100

77 59.3 21.8 40.6#

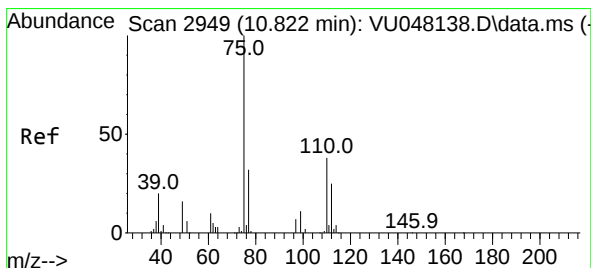
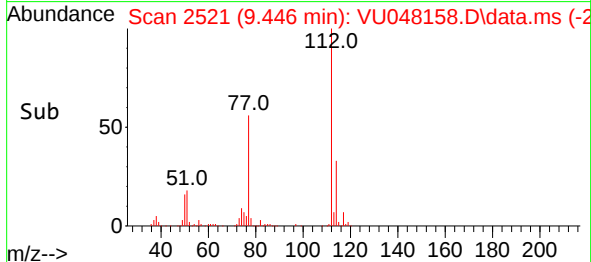
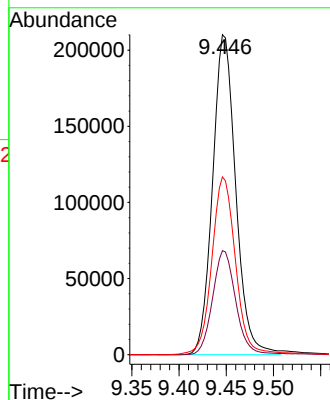
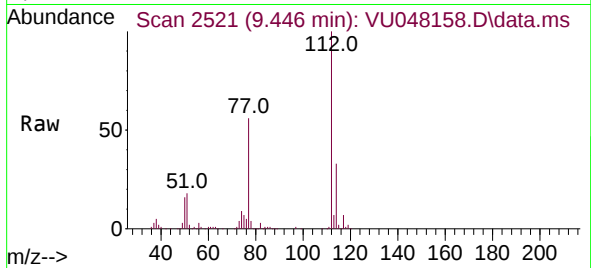




#51
Chlorobenzene
Concen: 44.195 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048158.D
Acq: 20 Apr 2022 21:09

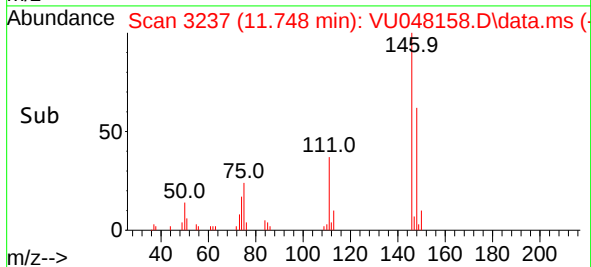
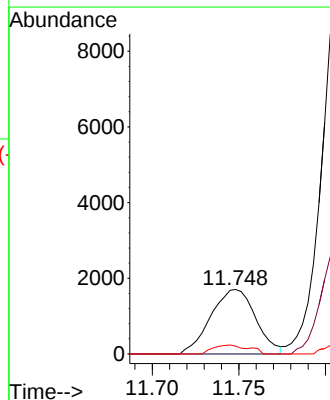
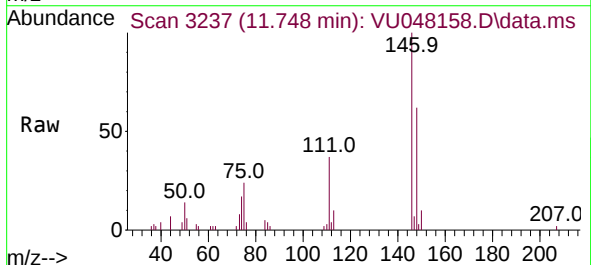
Instrument :
MSVOA_U
ClientSampleId :
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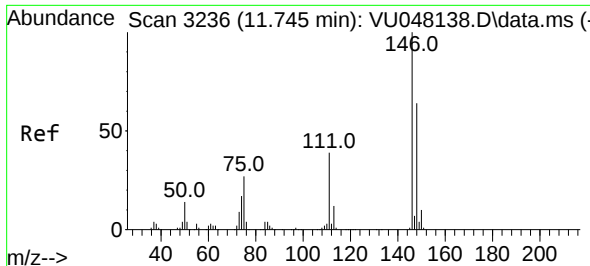
Tgt Ion:112 Resp: 358003
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 55.5 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 0.855 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.926 min
Lab File: VU048158.D
Acq: 20 Apr 2022 21:09

Tgt Ion: 75 Resp: 3071
Ion Ratio Lower Upper
75 100
77 3.2 26.0 39.0#
110 9.0 31.4 47.2#

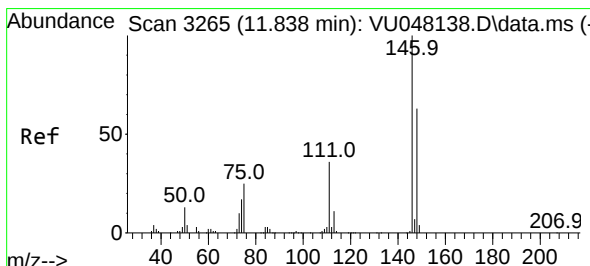
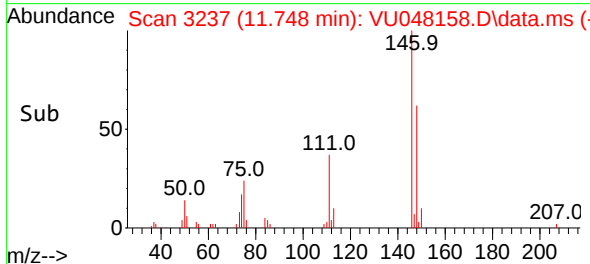
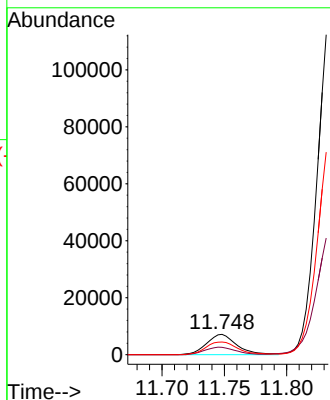
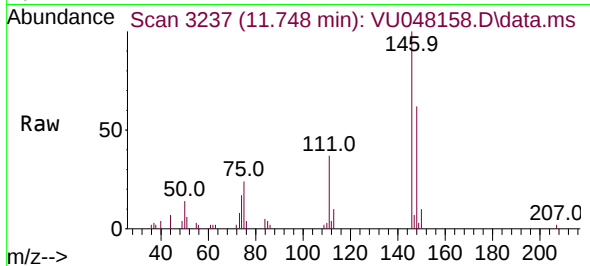




#64
1,3-Dichlorobenzene
Concen: 2.112 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048158.D
Acq: 20 Apr 2022 21:09

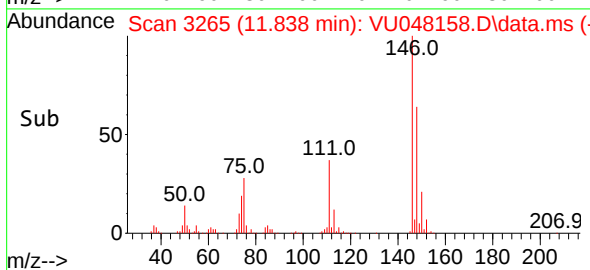
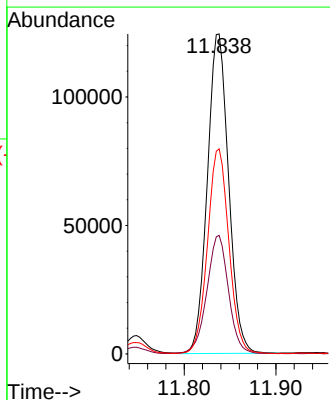
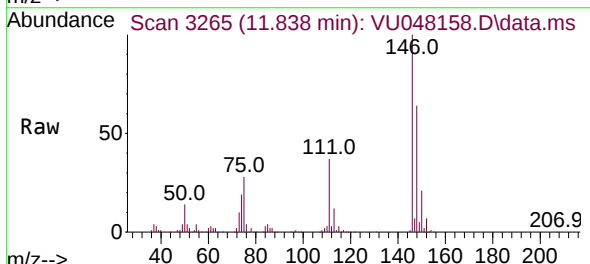
Instrument :
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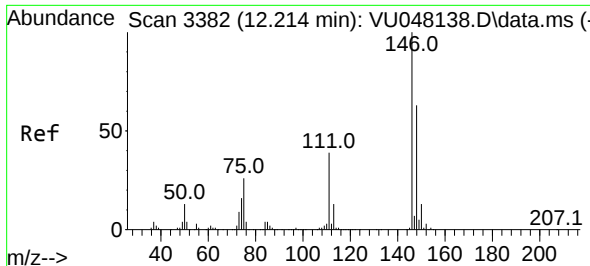
Tgt Ion:146 Resp: 12086
Ion Ratio Lower Upper
146 100
111 36.5 26.7 49.7
148 65.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 33.802 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048158.D
Acq: 20 Apr 2022 21:09

Tgt Ion:146 Resp: 200320
Ion Ratio Lower Upper
146 100
111 37.0 25.3 47.1
148 64.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 28.790 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048158.D

Acq: 20 Apr 2022 21:09

Instrument :

MSVOA_U

ClientSampleId :

C0J27

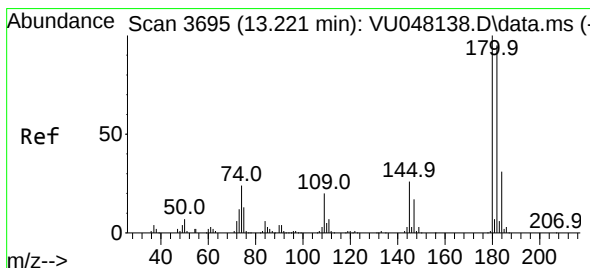
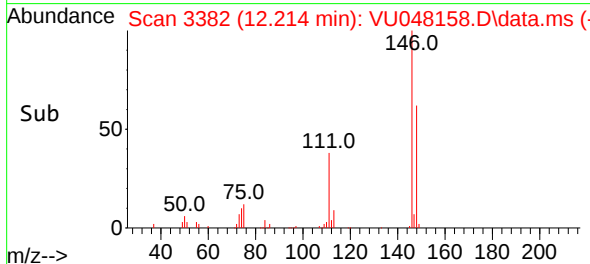
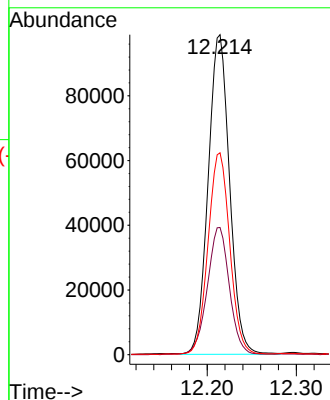
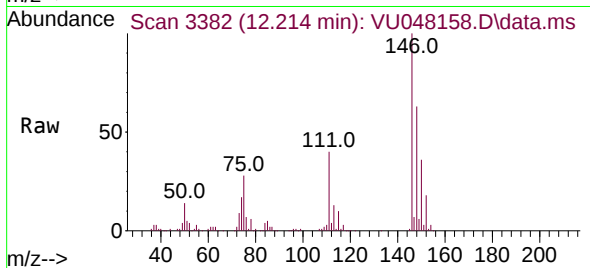
Tgt Ion:146 Resp: 164820

Ion Ratio Lower Upper

146 100

111 39.8 31.7 47.5

148 63.1 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 5.919 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.621 min

Lab File: VU048158.D

Acq: 20 Apr 2022 21:09

Tgt Ion:180 Resp: 27505

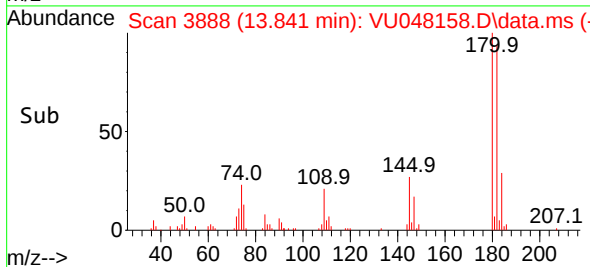
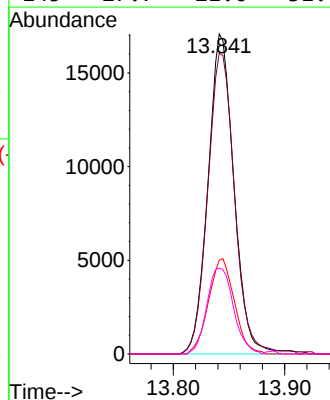
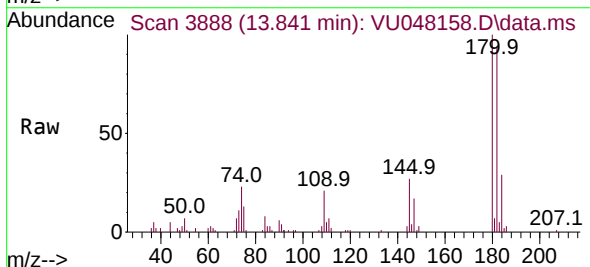
Ion Ratio Lower Upper

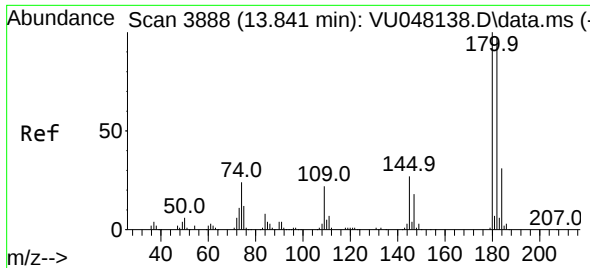
180 100

182 97.2 77.0 115.6

184 29.8 24.5 36.7

145 27.7 21.0 31.6

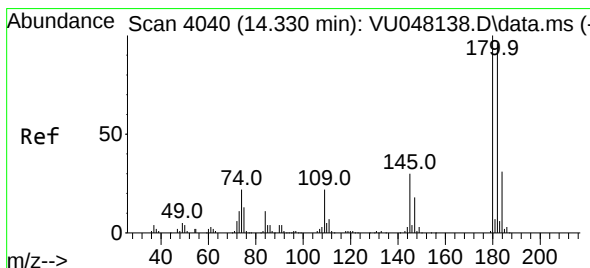
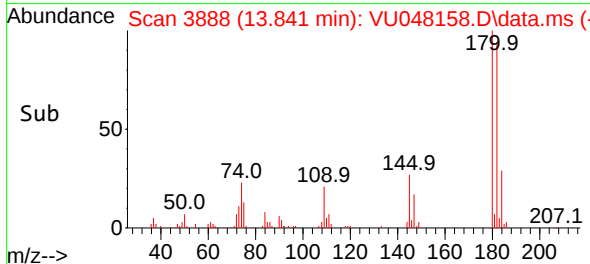
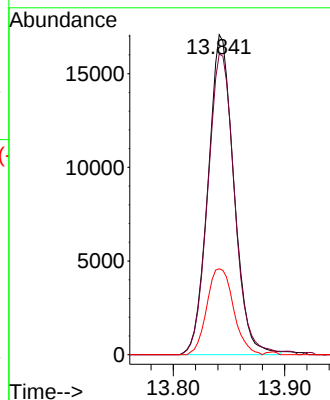
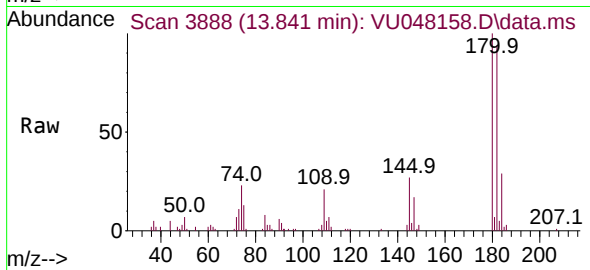




#70
1,2,4-trichlorobenzene
Concen: 6.758 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU048158.D
Acq: 20 Apr 2022 21:09

Instrument :
MSVOA_U
ClientSampleId :
C0J27

Tgt Ion:180 Resp: 27505
Ion Ratio Lower Upper
180 100
182 97.2 76.2 114.2
145 27.7 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 1.968 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU048158.D
Acq: 20 Apr 2022 21:09

Tgt Ion:180 Resp: 8030
Ion Ratio Lower Upper
180 100
182 97.8 77.4 116.0
145 28.5 22.8 34.2

