

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048148.D
 Acq On : 20 Apr 2022 17:18
 Operator : SY/MD
 Sample : N2485-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J20

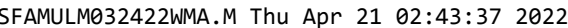
Quant Time: Apr 21 02:43:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 21 02:37:57 2022
 Response via : Initial Calibration

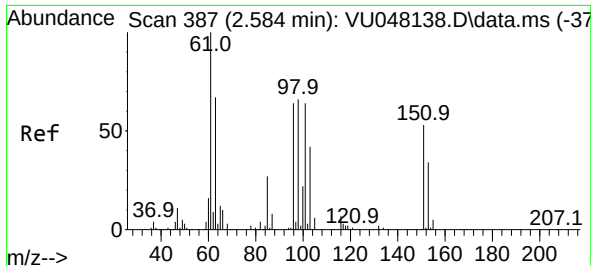
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	335207	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	341920	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	180779	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	107125	44.070	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.140%		
7) Chloroethane-d5	1.916	69	92036	48.018	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.040%		
11) 1,1-Dichloroethene-d2	2.571	63	129524	29.124	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.240%#		
21) 2-Butanone-d5	4.626	46	183845	88.115	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.120%		
24) Chloroform-d	5.067	84	207064	46.555	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.100%		
26) 1,2-Dichloroethane-d4	5.703	65	127480	46.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.460%		
32) Benzene-d6	5.729	84	411350	47.811	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.620%		
36) 1,2-Dichloropropane-d6	6.693	67	134199	50.789	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.580%		
41) Toluene-d8	7.899	98	352648	42.070	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.140%		
43) trans-1,3-Dichloroprop...	8.179	79	55177	41.219	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.440%		
47) 2-Hexanone-d5	8.636	63	125032	80.834	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.830%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	208051	45.881	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.760%		
66) 1,2-Dichlorobenzene-d4	12.192	152	166969	51.914	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.820%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1080	0.437	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1247	0.542	ug/L #	1
13) Acetone	2.636	43	10002	5.151	ug/L	94
27) 1,2-Dichloroethane	5.777	62	7917	2.225	ug/L #	75
31) Carbon tetrachloride	5.530	117	2046	0.584	ug/L	97
33) Benzene	5.777	78	971972	98.209	ug/L	100
37) 1,2-Dichloropropane	6.690	63	13620	5.413	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3163	0.810	ug/L #	35
51) Chlorobenzene	9.449	112	1926604	261.292	ug/L	99
60) 1,2,3-Trichloropropane	11.745	75	24839	7.288	ug/L #	49
64) 1,3-Dichlorobenzene	11.745	146	98037	18.053	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	571015	101.516	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	691137	127.194	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	365589	94.638	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	98772	25.505	ug/L	99

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

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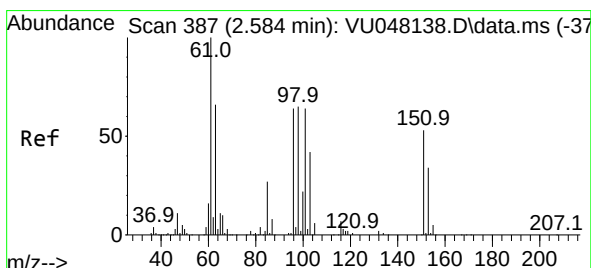
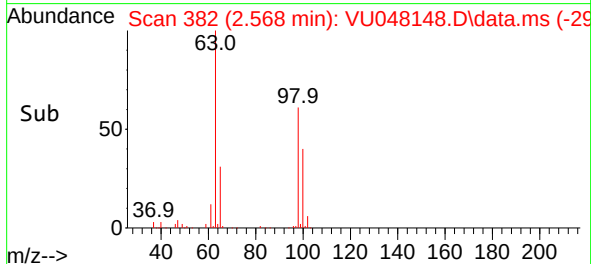
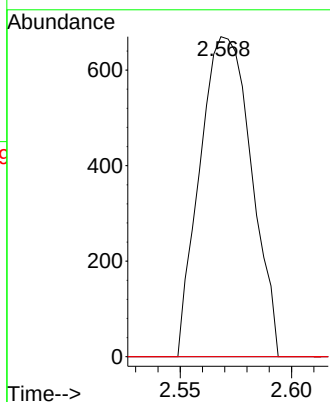
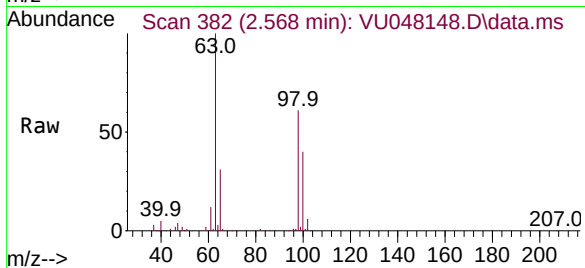




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.437 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048148.D
 Acq: 20 Apr 2022 17:18

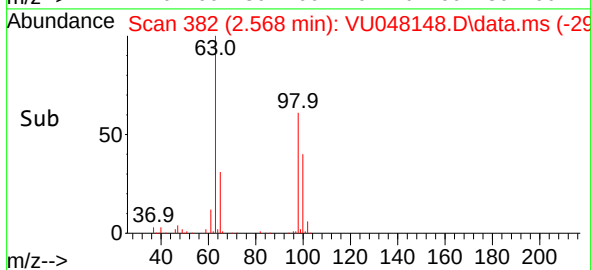
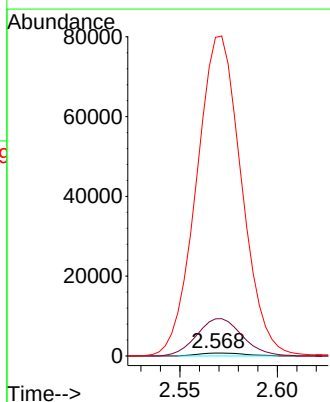
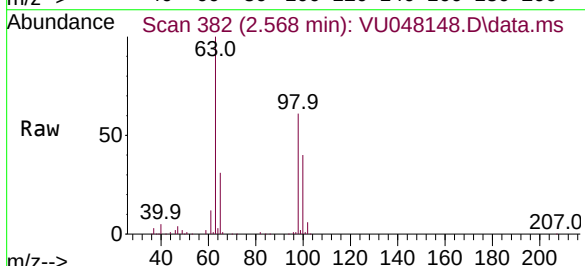
Instrument :
 MSVOA_U
 ClientSampleId :
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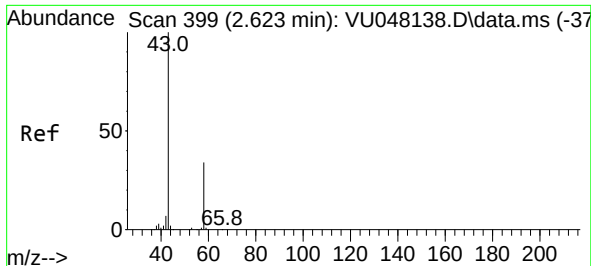
Tgt Ion: 101 Resp: 1080
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.542 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048148.D
 Acq: 20 Apr 2022 17:18

Tgt Ion: 96 Resp: 1247
 Ion Ratio Lower Upper
 96 100
 61 1287.2 113.1 210.1#
 63 11029.8 94.8 176.0#





#13

Acetone

Concen: 5.151 ug/L

RT: 2.636 min Scan# 403

Delta R.T. 0.013 min

Lab File: VU048148.D

Acq: 20 Apr 2022 17:18

Instrument :

MSVOA_U

ClientSampleId :

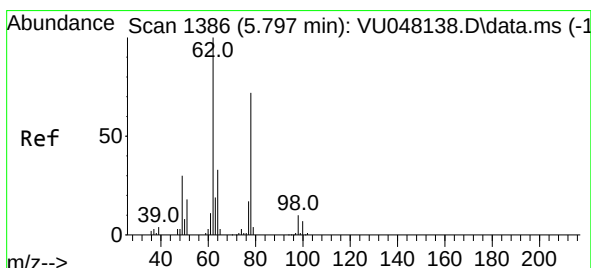
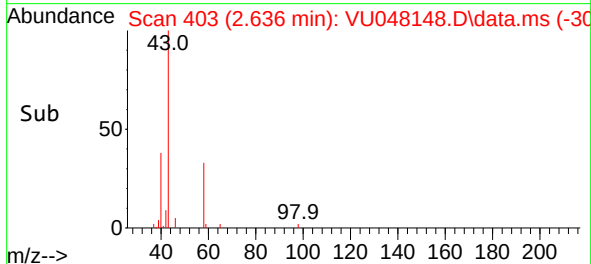
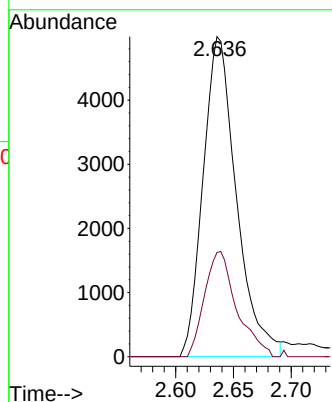
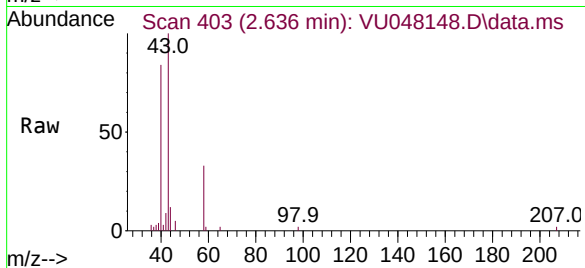
C0J20

Tgt Ion: 43 Resp: 10002

Ion Ratio Lower Upper

43 100

58 31.6 0.0 70.0



#27

1,2-Dichloroethane

Concen: 2.225 ug/L

RT: 5.777 min Scan# 1380

Delta R.T. -0.019 min

Lab File: VU048148.D

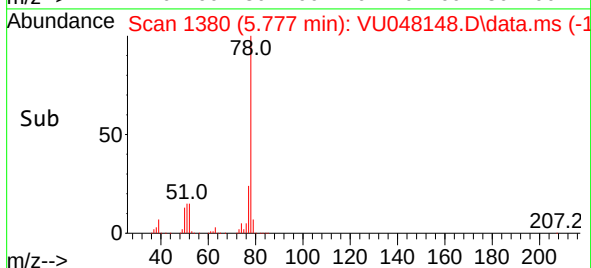
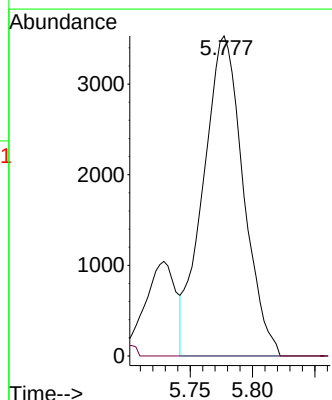
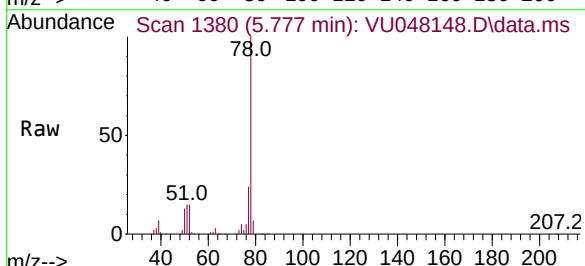
Acq: 20 Apr 2022 17:18

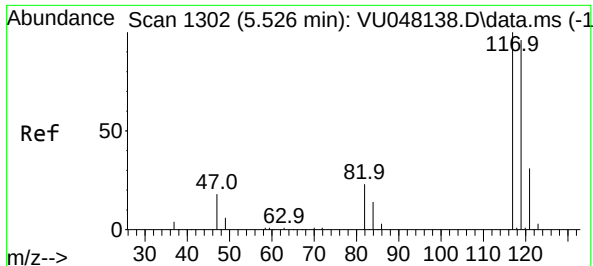
Tgt Ion: 62 Resp: 7917

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#

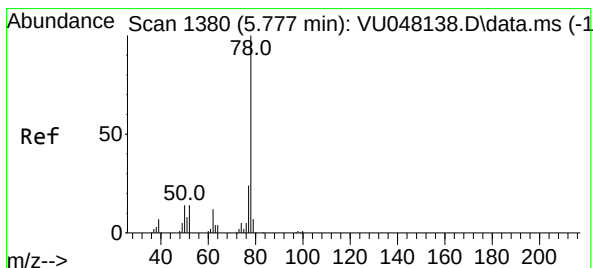
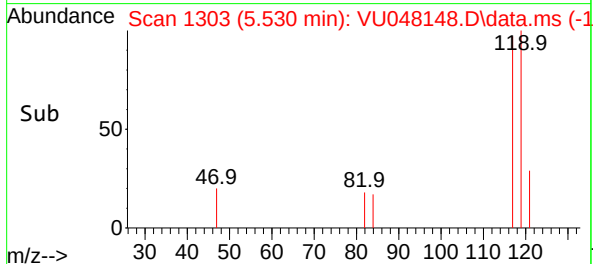
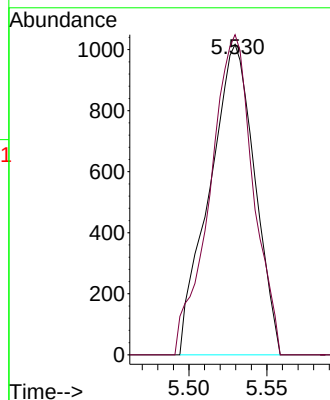
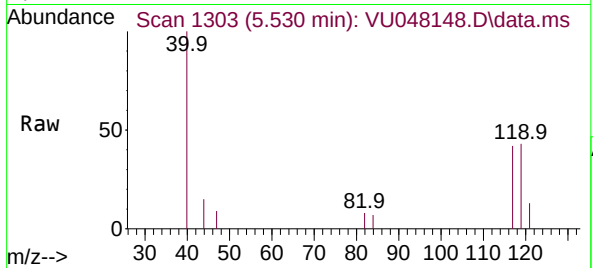




#31
Carbon tetrachloride
Concen: 0.584 ug/L
RT: 5.530 min Scan# 111
Delta R.T. 0.003 min
Lab File: VU048148.D
Acq: 20 Apr 2022 17:18

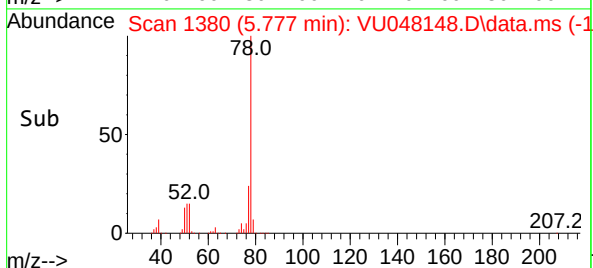
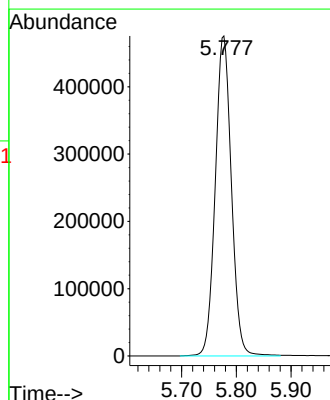
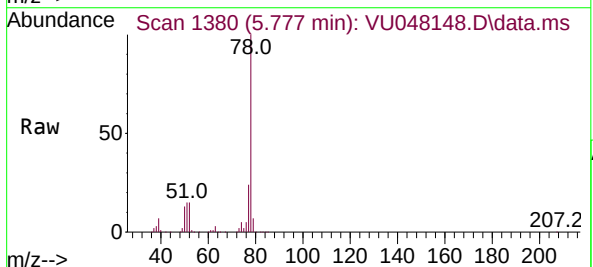
Instrument :
MSVOA_U
ClientSampleId :
C0J20

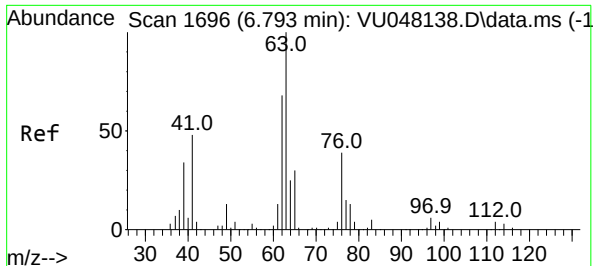
Tgt Ion:117 Resp: 2046
Ion Ratio Lower Upper
117 100
119 99.0 77.2 115.8



#33
Benzene
Concen: 98.209 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU048148.D
Acq: 20 Apr 2022 17:18

Tgt Ion: 78 Resp: 971972





#37

1,2-Dichloropropane

Concen: 5.413 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048148.D

Acq: 20 Apr 2022 17:18

Instrument :

MSVOA_U

ClientSampleId :

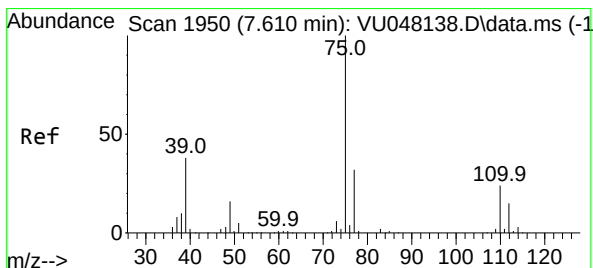
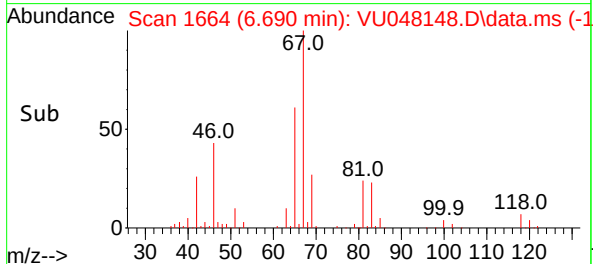
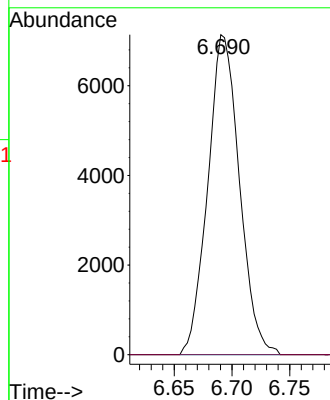
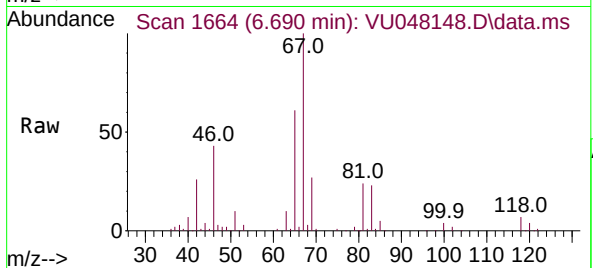
C0J20

Tgt Ion: 63 Resp: 13620

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.810 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU048148.D

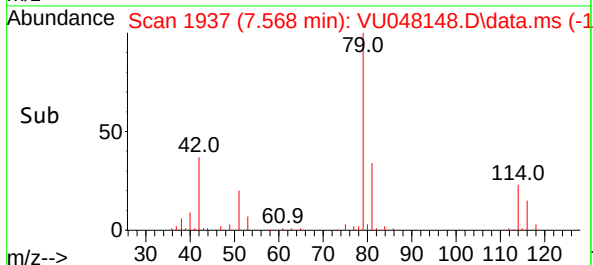
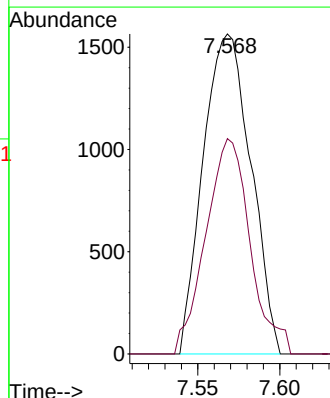
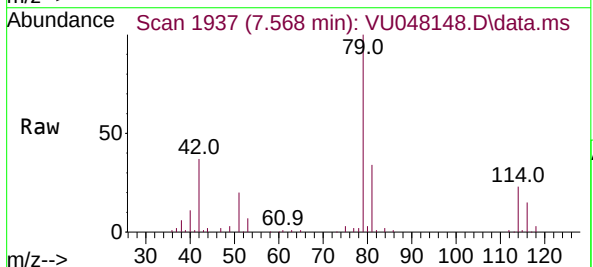
Acq: 20 Apr 2022 17:18

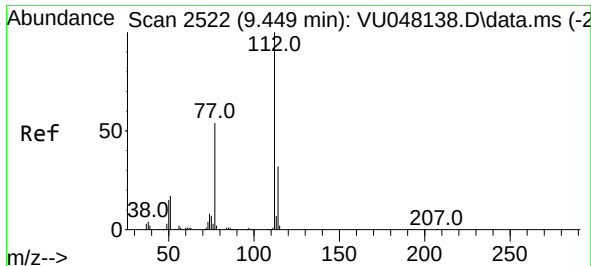
Tgt Ion: 75 Resp: 3163

Ion Ratio Lower Upper

75 100

77 67.3 21.8 40.6#

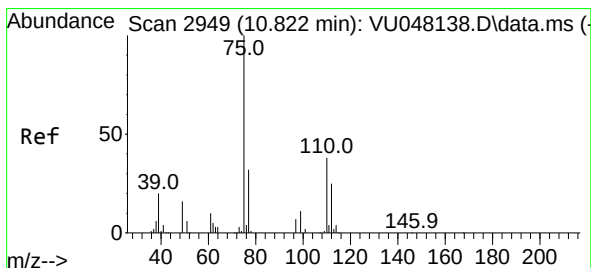
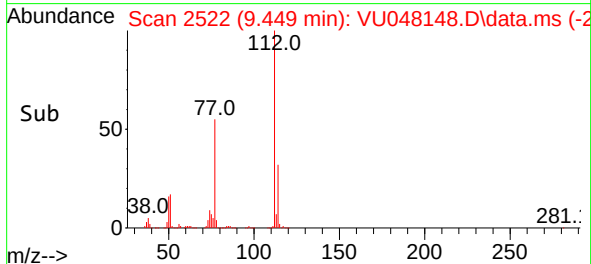
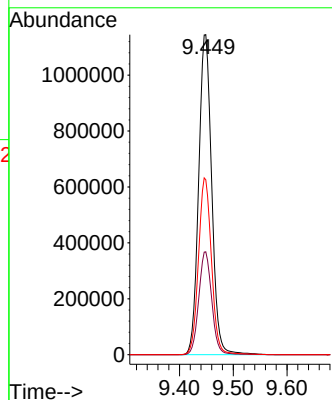
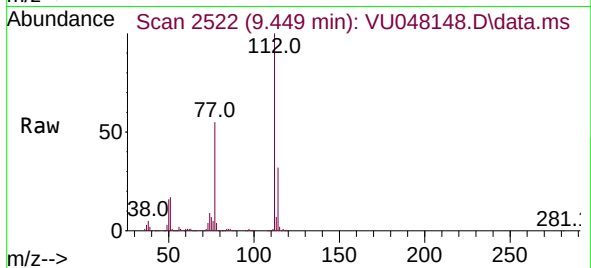




#51
Chlorobenzene
Concen: 261.292 ug/L
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048148.D
Acq: 20 Apr 2022 17:18

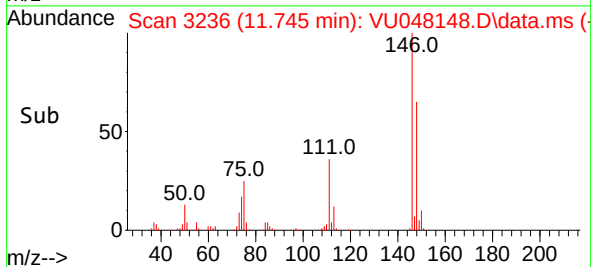
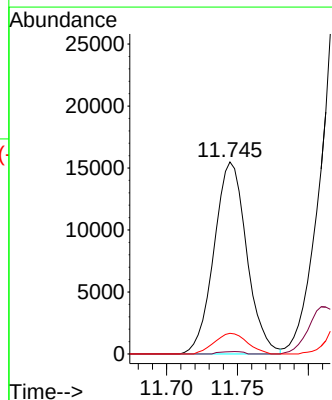
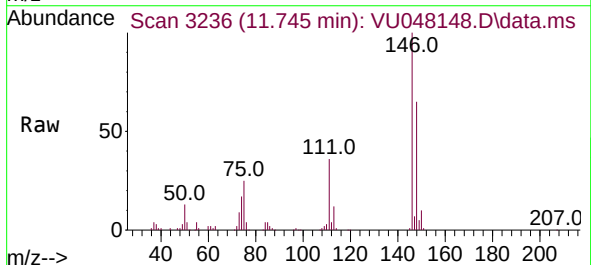
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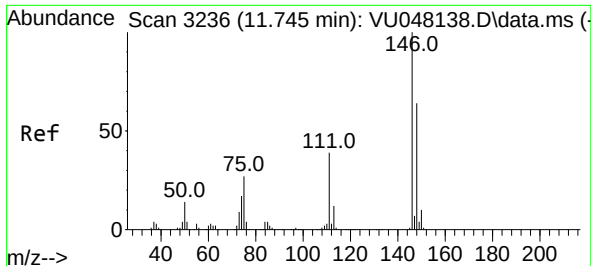
Tgt Ion:112 Resp: 1926604
Ion Ratio Lower Upper
112 100
114 32.1 22.1 41.1
77 54.7 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 7.288 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.923 min
Lab File: VU048148.D
Acq: 20 Apr 2022 17:18

Tgt Ion: 75 Resp: 24839
Ion Ratio Lower Upper
75 100
77 0.9 26.0 39.0#
110 10.8 31.4 47.2#

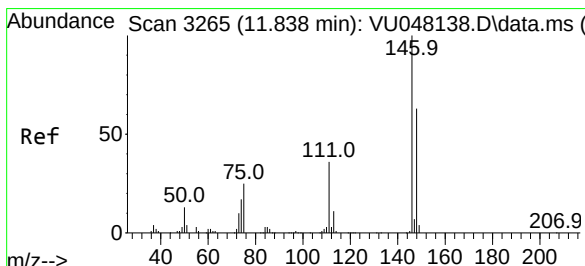
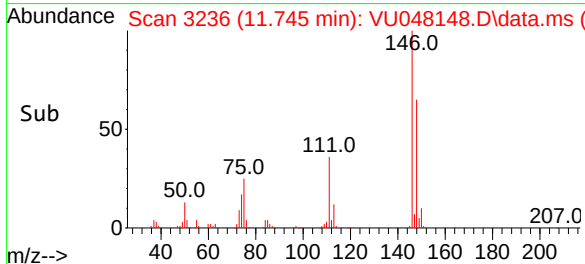
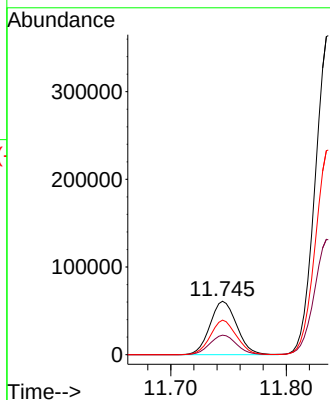
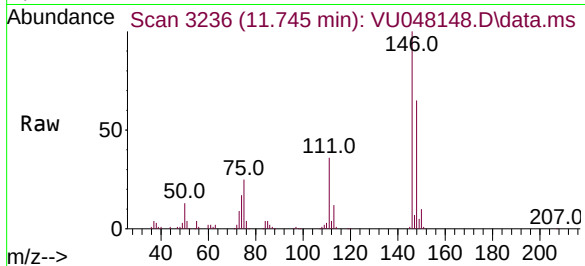




#64
1,3-Dichlorobenzene
Concen: 18.053 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048148.D
Acq: 20 Apr 2022 17:18

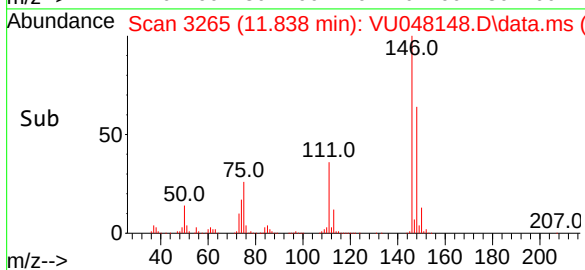
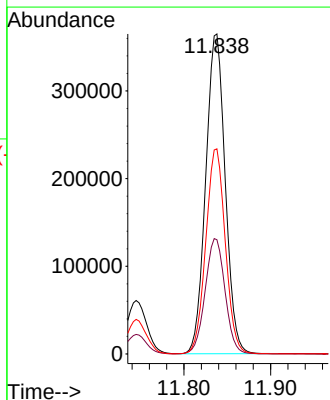
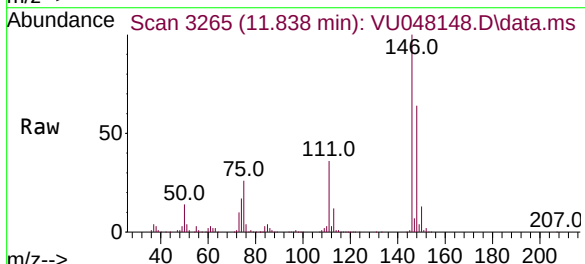
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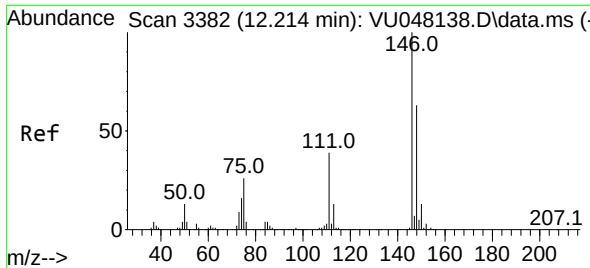
Tgt Ion:146 Resp: 98037
Ion Ratio Lower Upper
146 100
111 36.5 26.7 49.7
148 64.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 101.516 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048148.D
Acq: 20 Apr 2022 17:18

Tgt Ion:146 Resp: 571015
Ion Ratio Lower Upper
146 100
111 35.7 25.3 47.1
148 64.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 127.194 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048148.D

Acq: 20 Apr 2022 17:18

Instrument :

MSVOA_U

ClientSampleId :

C0J20

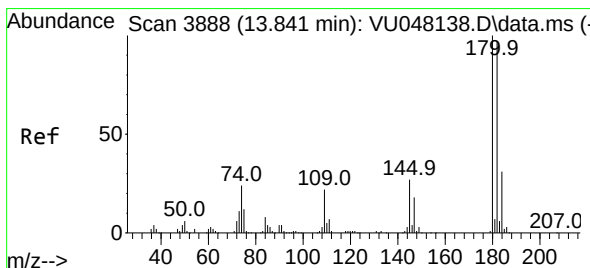
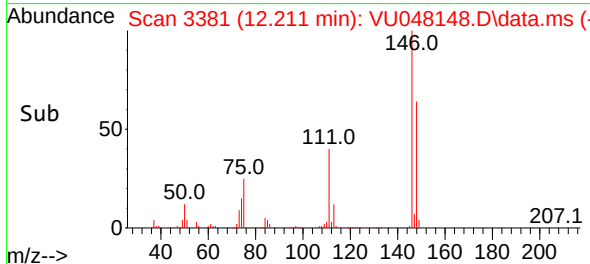
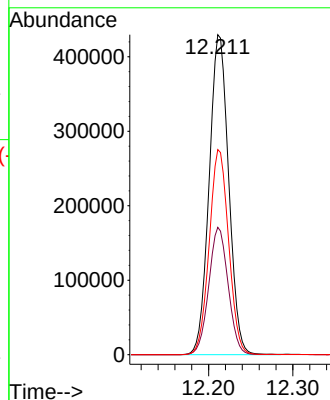
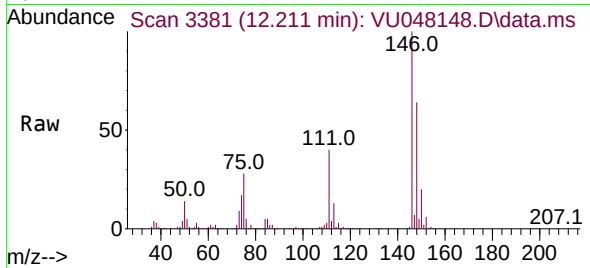
Tgt Ion:146 Resp: 691137

Ion Ratio Lower Upper

146 100

111 39.8 31.7 47.5

148 64.1 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 94.638 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU048148.D

Acq: 20 Apr 2022 17:18

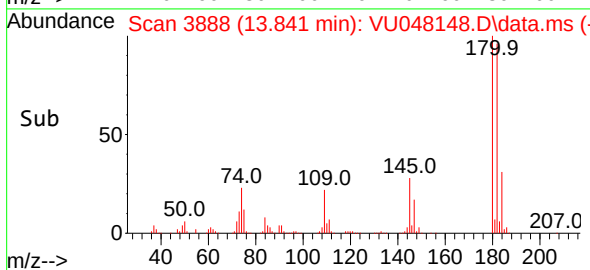
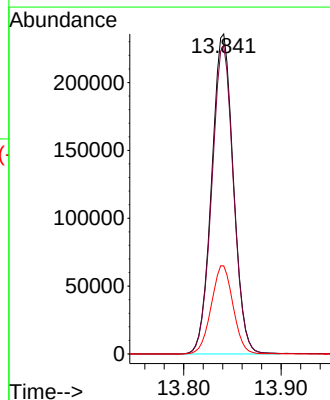
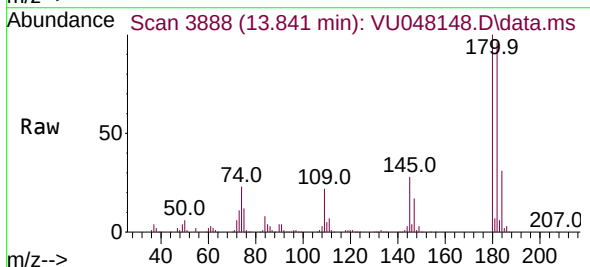
Tgt Ion:180 Resp: 365589

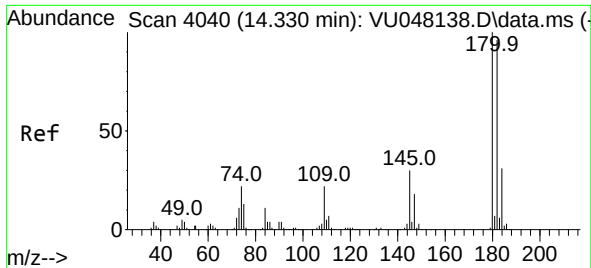
Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.2

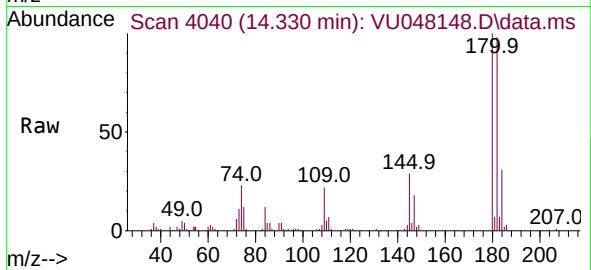
145 27.7 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 25.505 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VU048148.D
 Acq: 20 Apr 2022 17:18

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J20



Tgt Ion:180 Resp: 98772
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.4 116.0
 145 28.7 22.8 34.2

