

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048197.D
 Acq On : 22 Apr 2022 01:50
 Operator : SY/MD
 Sample : N2488-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COHX3

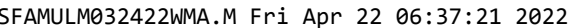
Quant Time: Apr 22 06:37:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 02:51:38 2022
 Response via : Initial Calibration

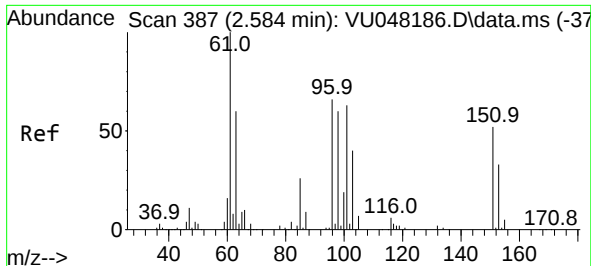
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	325857	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	338006	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	197752	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	91313	38.643	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.280%		
7) Chloroethane-d5	1.912	69	82376	44.211	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.420%		
11) 1,1-Dichloroethene-d2	2.568	63	128111	29.633	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.260%#		
21) 2-Butanone-d5	4.620	46	170249	83.940	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.940%		
24) Chloroform-d	5.066	84	196963	45.555	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.100%		
26) 1,2-Dichloroethane-d4	5.703	65	120450	45.422	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.840%		
32) Benzene-d6	5.729	84	386823	45.481	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.960%		
36) 1,2-Dichloropropane-d6	6.693	67	130580	49.992	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.980%		
41) Toluene-d8	7.899	98	329471	39.760	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.520%#		
43) trans-1,3-Dichloroprop...	8.179	79	49899	37.708	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.420%		
47) 2-Hexanone-d5	8.632	63	115587	75.593	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.590%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	202500	45.174	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.340%		
66) 1,2-Dichlorobenzene-d4	12.195	152	165419	47.018	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.040%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1182	0.492	ug/L #	18
25) Chloroform	5.092	83	62763	14.020	ug/L	96
27) 1,2-Dichloroethane	5.777	62	17738	5.129	ug/L #	75
31) Carbon tetrachloride	5.533	117	4165	1.203	ug/L	92
33) Benzene	5.777	78	2315455	236.665	ug/L	100
37) 1,2-Dichloropropane	6.690	63	13045	5.245	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2919	0.756	ug/L #	70
51) Chlorobenzene	9.449	112	3112946	427.076	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	654002	110.095	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	3197556	519.677	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	4839256	814.160	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	500928	103.831	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	500928	118.543	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	223323	52.718	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: 0.492 ug/L

RT: 2.571 min Scan# 3

Delta R.T. -0.013 min

Lab File: VU048197.D

Acq: 22 Apr 2022 01:50

Instrument :

MSVOA_V

ClientSampleId :

C0HX3

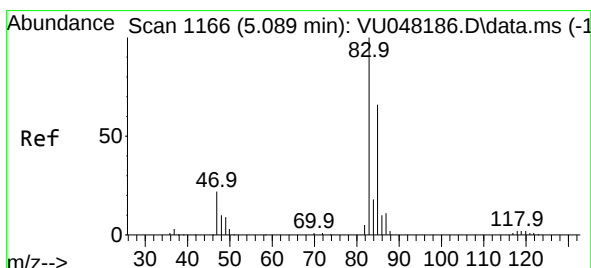
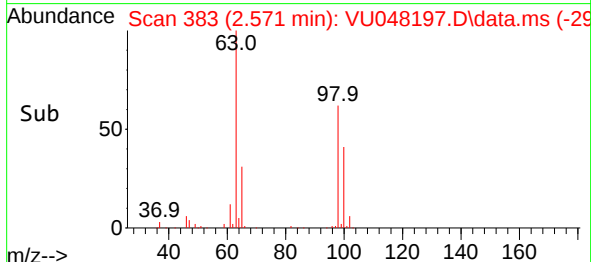
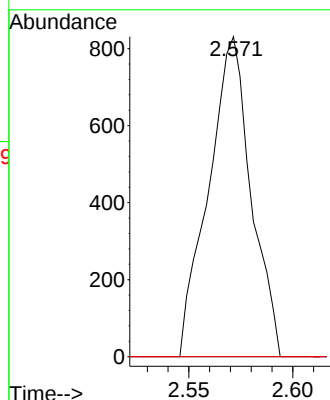
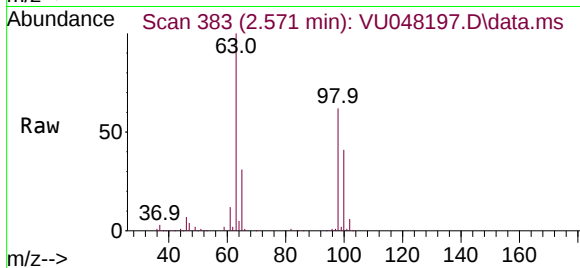
Tgt Ion:101 Resp: 1182

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 63.0 94.6#



#25

Chloroform

Concen: 14.020 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU048197.D

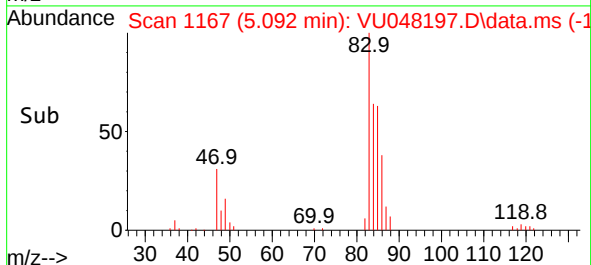
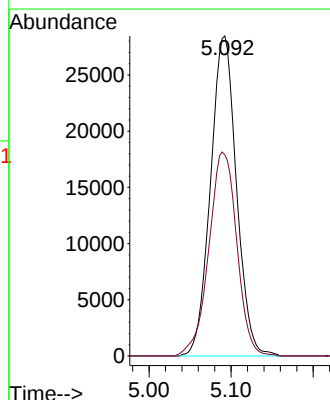
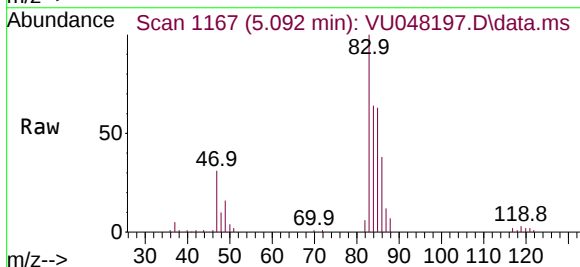
Acq: 22 Apr 2022 01:50

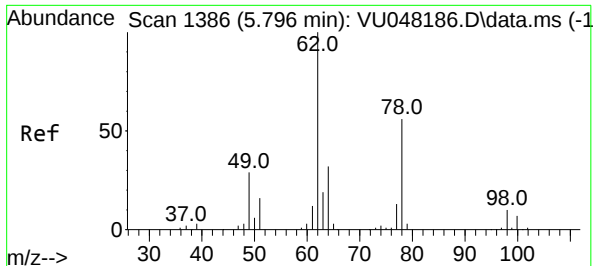
Tgt Ion: 83 Resp: 62763

Ion Ratio Lower Upper

83 100

85 62.9 46.2 85.8

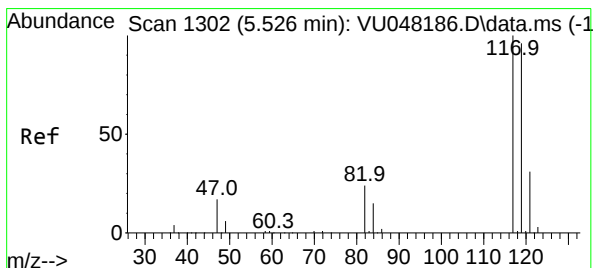
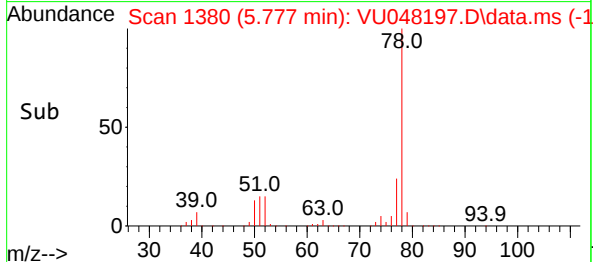
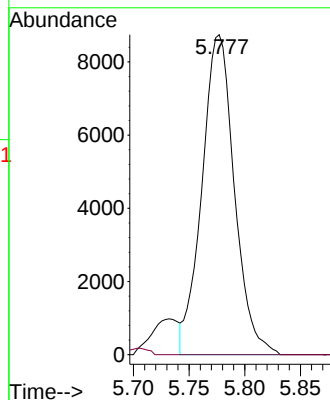
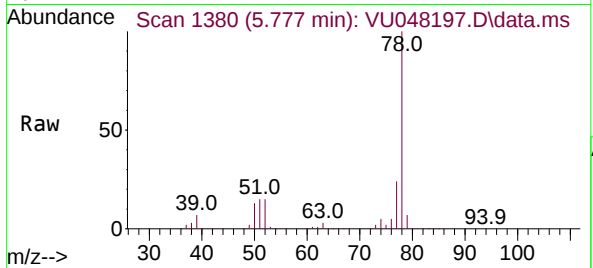




#27
1,2-Dichloroethane
Concen: 5.129 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.019 min
Lab File: VU048197.D
Acq: 22 Apr 2022 01:50

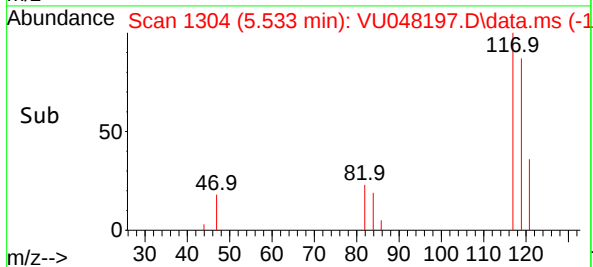
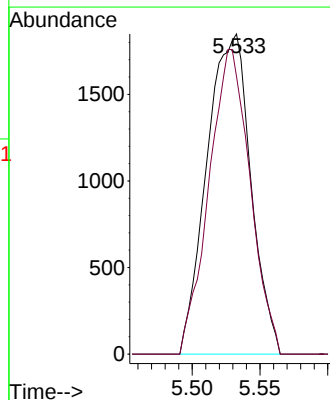
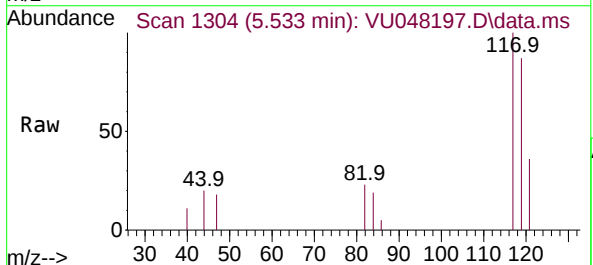
Instrument :
MSVOA_V
ClientSampleId :
COHX3

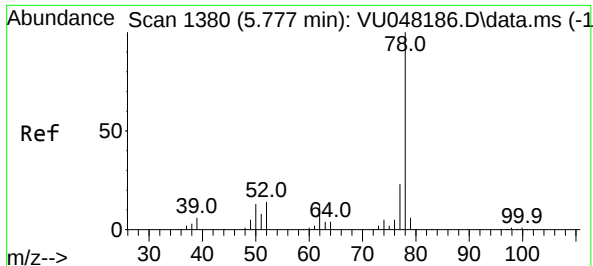
Tgt Ion: 62 Resp: 17738
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#



#31
Carbon tetrachloride
Concen: 1.203 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VU048197.D
Acq: 22 Apr 2022 01:50

Tgt Ion: 117 Resp: 4165
Ion Ratio Lower Upper
117 100
119 89.1 77.2 115.8

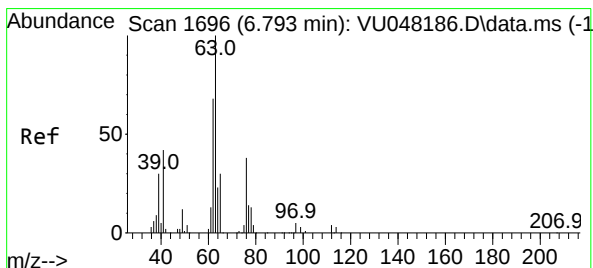
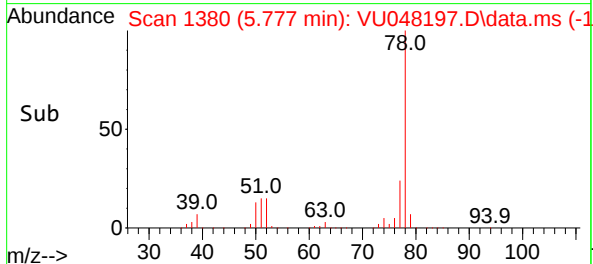
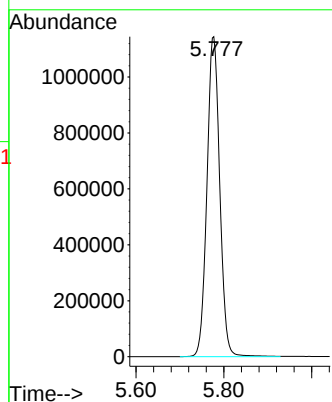
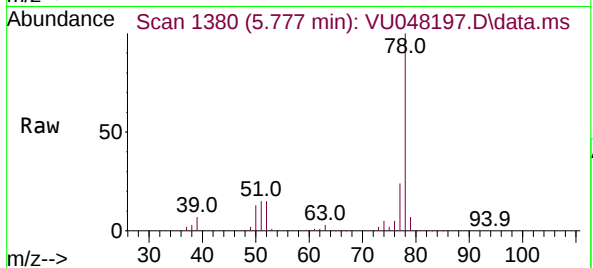




#33
Benzene
Concen: 236.665 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048197.D
Acq: 22 Apr 2022 01:50

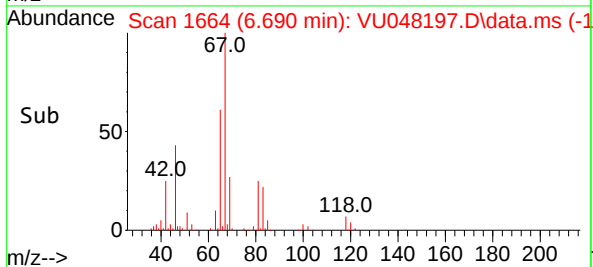
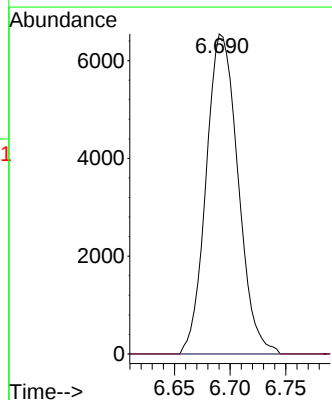
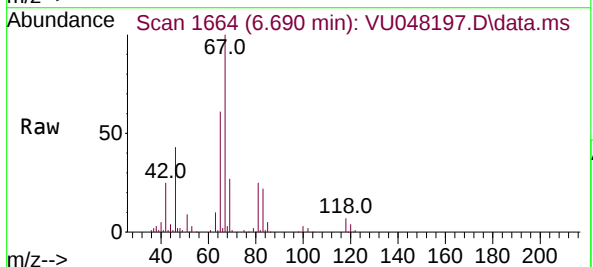
Instrument :
MSVOA_V
ClientSampleId :
C0HX3

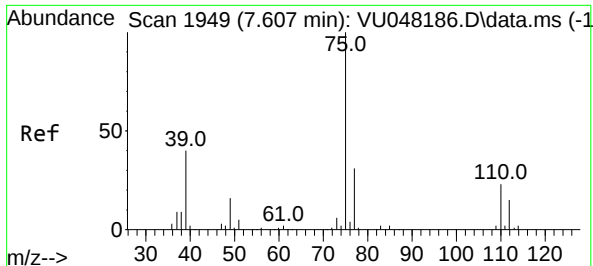
Tgt Ion: 78 Resp: 2315455



#37
1,2-Dichloropropane
Concen: 5.245 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048197.D
Acq: 22 Apr 2022 01:50

Tgt Ion: 63 Resp: 13045
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: VU048197.D

Acq: 22 Apr 2022 01:50

Instrument :

MSVOA_V

ClientSampleId :

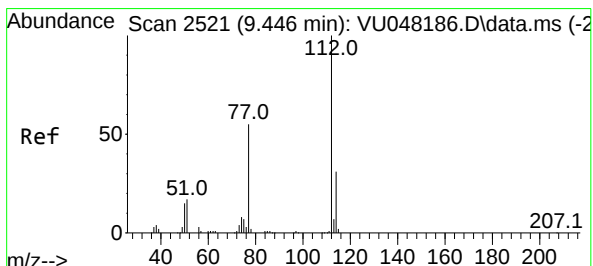
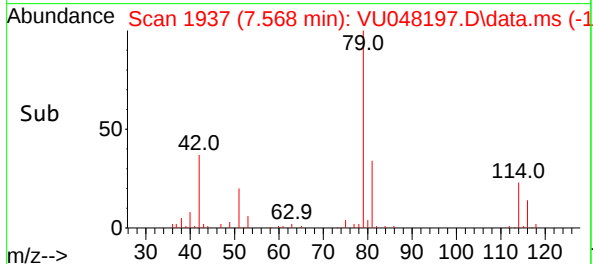
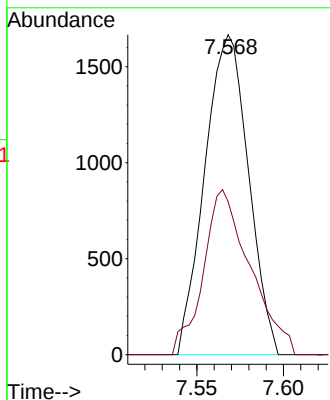
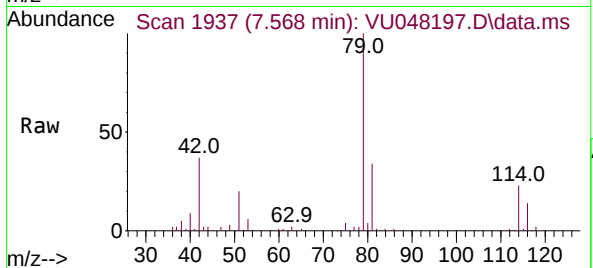
C0HX3

Tgt Ion: 75 Resp: 2919

Ion Ratio Lower Upper

75 100

77 47.8 21.8 40.6#



#51

Chlorobenzene

Concen: 427.076 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU048197.D

Acq: 22 Apr 2022 01:50

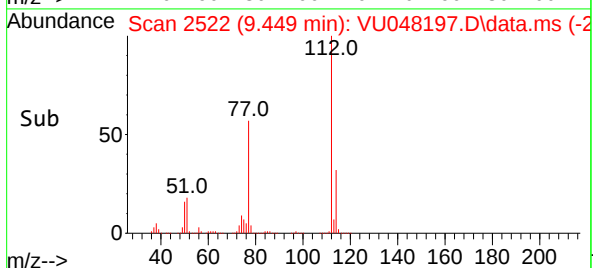
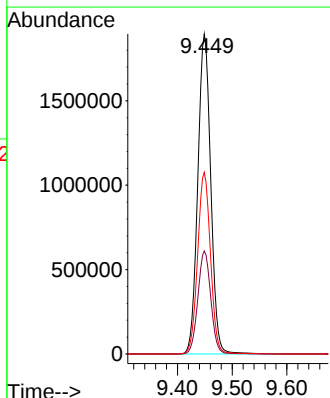
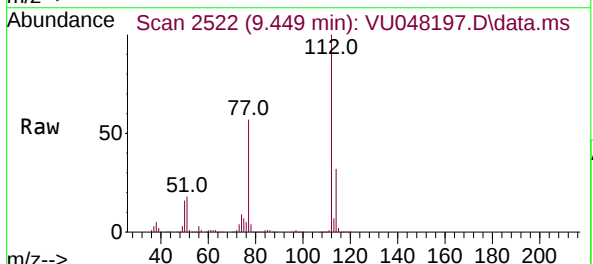
Tgt Ion: 112 Resp: 3112946

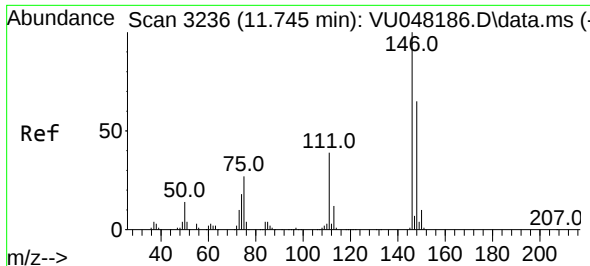
Ion Ratio Lower Upper

112 100

114 32.2 22.1 41.1

77 56.7 43.4 65.0

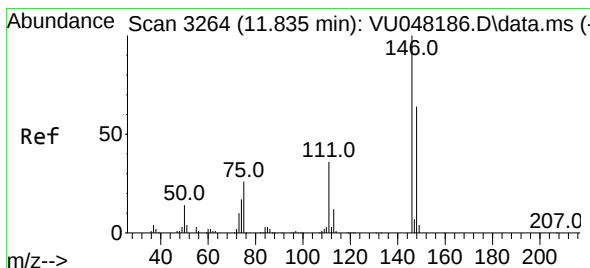
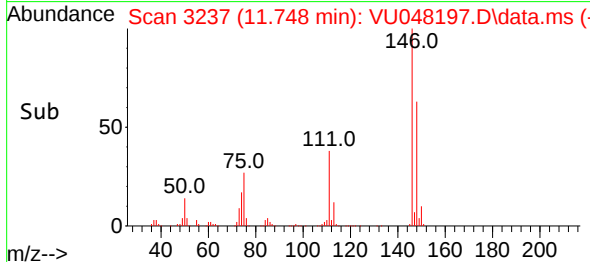
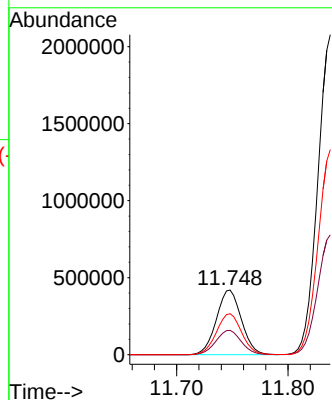
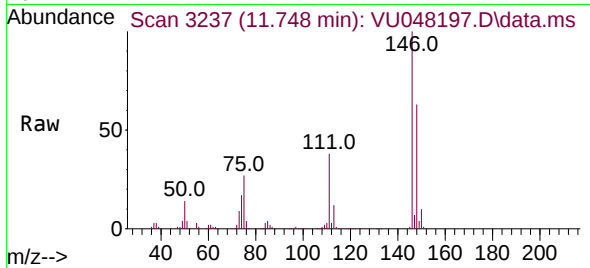




#64
1,3-Dichlorobenzene
Concen: 110.095 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048197.D
Acq: 22 Apr 2022 01:50

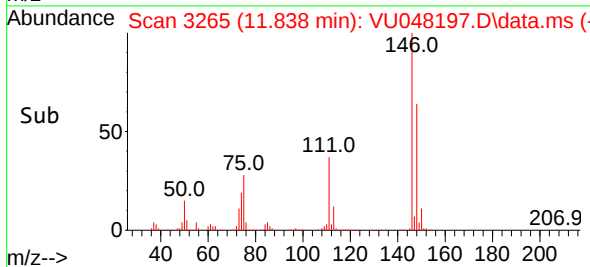
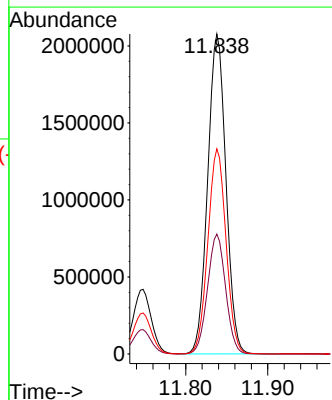
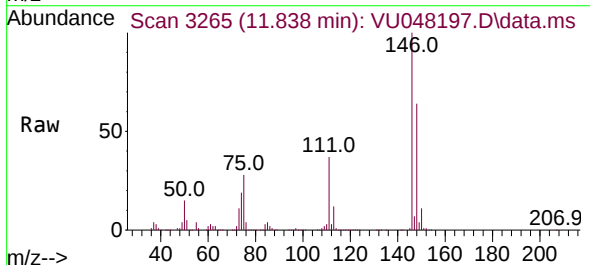
Instrument :
MSVOA_V
ClientSampleId :
COHX3

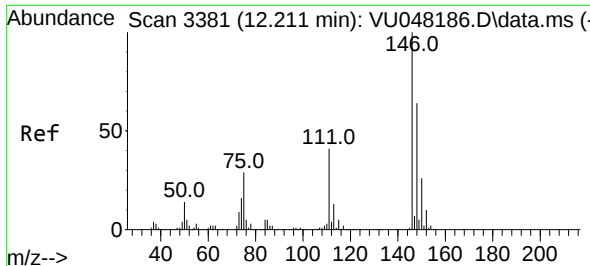
Tgt Ion:146 Resp: 654002
Ion Ratio Lower Upper
146 100
111 37.5 26.7 49.7
148 63.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 519.677 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048197.D
Acq: 22 Apr 2022 01:50

Tgt Ion:146 Resp: 3197556
Ion Ratio Lower Upper
146 100
111 37.4 25.3 47.1
148 64.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 814.160 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048197.D

Acq: 22 Apr 2022 01:50

Instrument :

MSVOA_V

ClientSampleId :

C0HX3

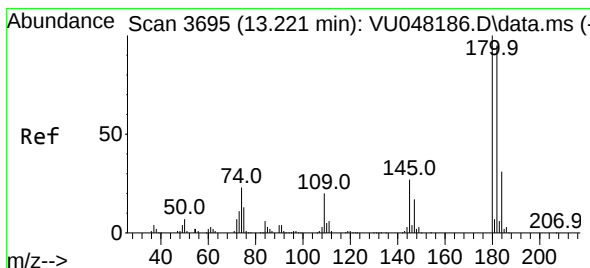
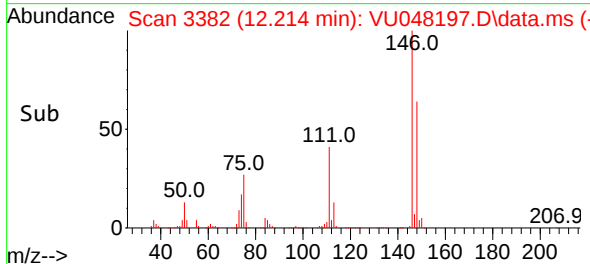
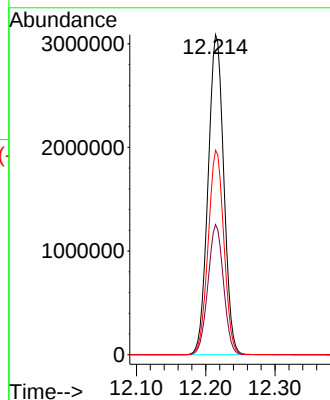
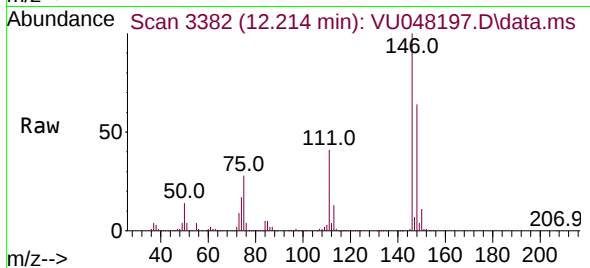
Tgt Ion:146 Resp: 4839256

Ion Ratio Lower Upper

146 100

111 40.6 31.7 47.5

148 63.9 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 103.831 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.621 min

Lab File: VU048197.D

Acq: 22 Apr 2022 01:50

Tgt Ion:180 Resp: 500928

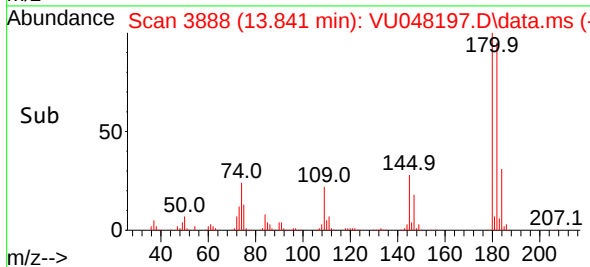
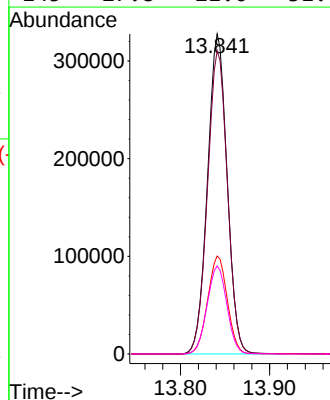
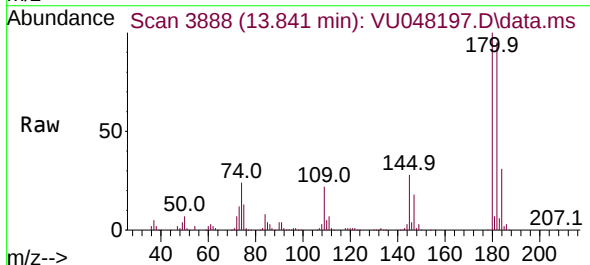
Ion Ratio Lower Upper

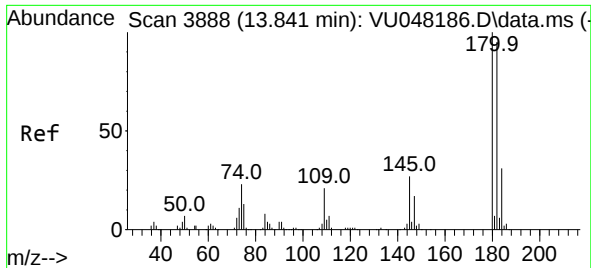
180 100

182 96.1 77.0 115.6

184 30.7 24.5 36.7

145 27.8 21.0 31.6

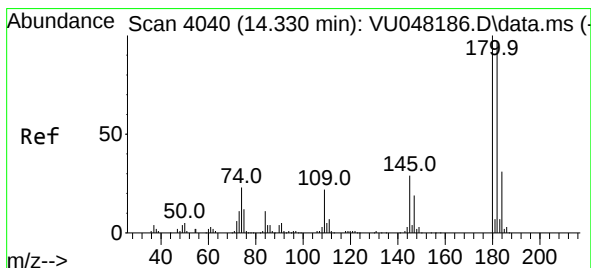
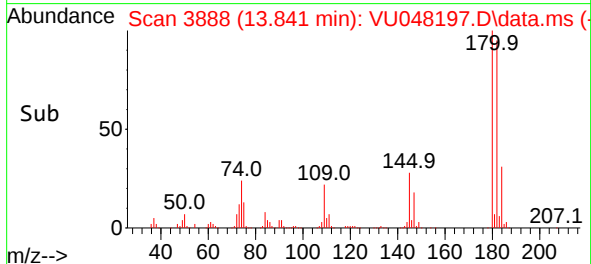
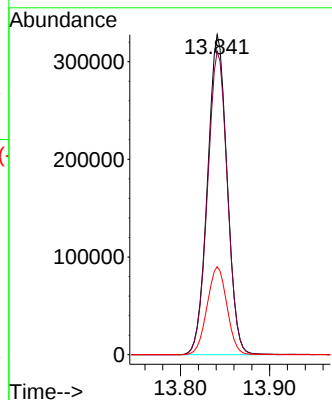
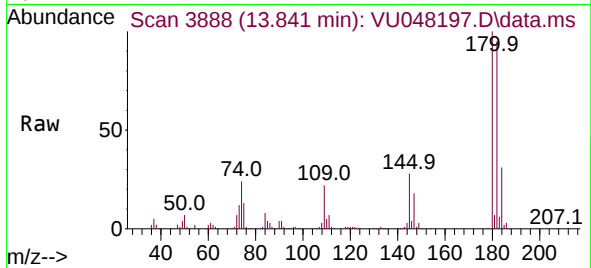




#70
1,2,4-trichlorobenzene
Concen: 118.543 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048197.D
Acq: 22 Apr 2022 01:50

Instrument :
MSVOA_V
ClientSampleId :
COHX3

Tgt Ion:180 Resp: 500928
Ion Ratio Lower Upper
180 100
182 96.1 76.2 114.2
145 27.8 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 52.718 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048197.D
Acq: 22 Apr 2022 01:50

Tgt Ion:180 Resp: 223323
Ion Ratio Lower Upper
180 100
182 96.9 77.4 116.0
145 29.2 22.8 34.2

