

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048230.D
 Acq On : 22 Apr 2022 17:20
 Operator : SY/MD
 Sample : N2486-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

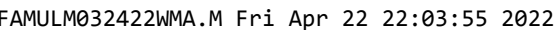
Quant Time: Apr 22 22:03:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 21:59:27 2022
 Response via : Initial Calibration

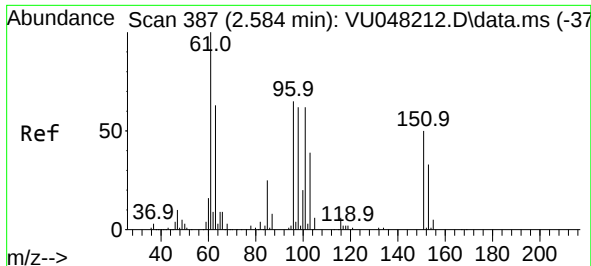
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	317033	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	331369	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	155735	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	97978	42.617	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.240%		
7) Chloroethane-d5	1.893	69	77432	42.715	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.420%		
11) 1,1-Dichloroethene-d2	2.562	63	129179	30.711	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.420%		
21) 2-Butanone-d5	4.620	46	180719	91.583	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.580%		
24) Chloroform-d	5.063	84	191152	45.441	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.880%		
26) 1,2-Dichloroethane-d4	5.700	65	117908	45.701	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.400%		
32) Benzene-d6	5.726	84	385434	46.225	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.460%		
36) 1,2-Dichloropropane-d6	6.690	67	123474	48.218	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.440%		
41) Toluene-d8	7.899	98	320952	39.507	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.020%#		
43) trans-1,3-Dichloroprop...	8.179	79	43437	33.482	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.960%		
47) 2-Hexanone-d5	8.636	63	123356	82.289	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.290%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	215568	49.052	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.100%		
66) 1,2-Dichlorobenzene-d4	12.195	152	140586	50.741	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.480%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1184	0.507	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1037	0.477	ug/L #	1
13) Acetone	2.629	43	6847	3.729	ug/L	97
14) Carbon disulfide	2.790	76	4084	0.594	ug/L #	93
15) Methyl Acetate	2.948	43	11159	3.811	ug/L	93
33) Benzene	5.774	78	77294	8.059	ug/L	100
37) 1,2-Dichloropropane	6.690	63	12265	5.030	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2436	0.644	ug/L #	69
51) Chlorobenzene	9.446	112	657619	92.028	ug/L	97
60) 1,2,3-Trichloropropane	11.745	75	18568	6.325	ug/L #	49
64) 1,3-Dichlorobenzene	11.745	146	67076	14.338	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	261813	54.031	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	70908	15.148	ug/L	98
69) 1,3,5-Trichlorobenzene	13.841	180	21144	5.565	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	21144	6.354	ug/L	98

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

Quant Time: Apr 22 22:03:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 22 21:59:27 2022
Response via : Initial Calibration

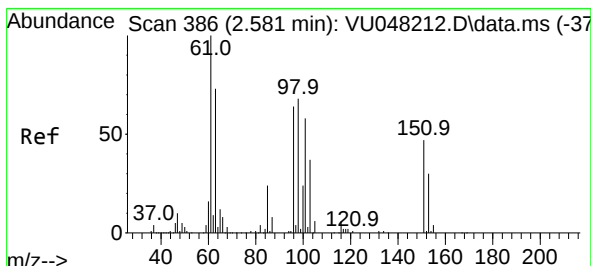
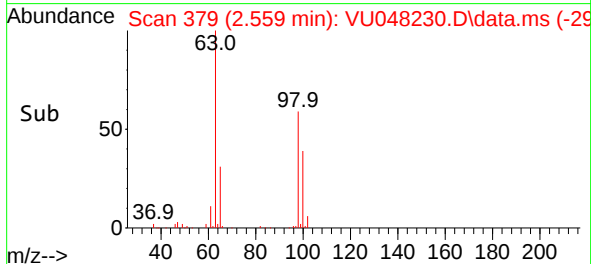
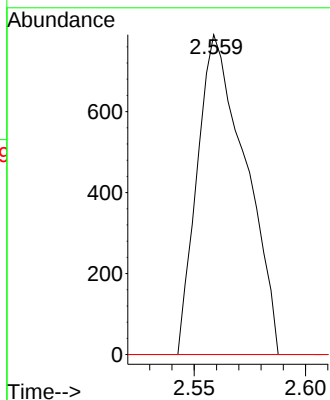
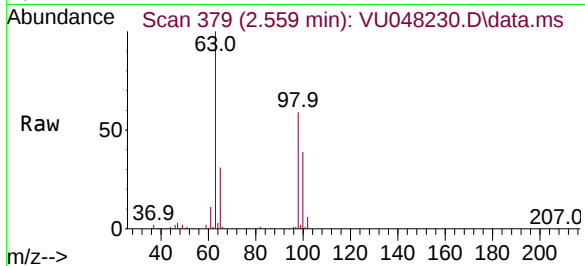




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.507 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.026 min
Lab File: VU048230.D
Acq: 22 Apr 2022 17:20

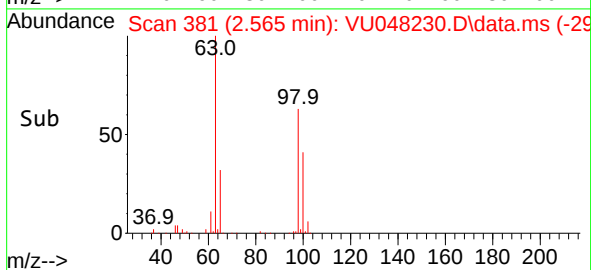
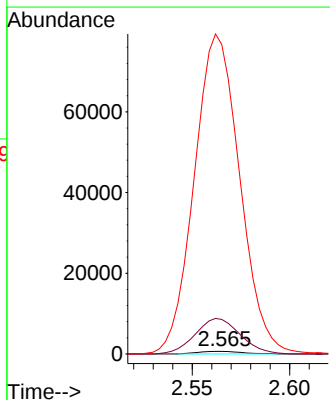
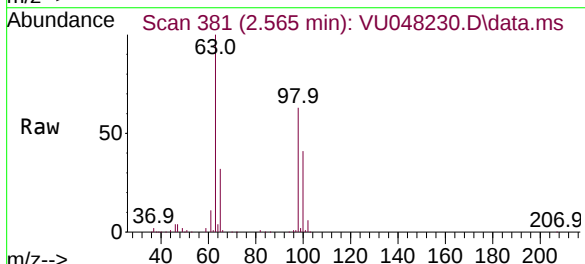
Instrument :
MSVOA_U
ClientSampleId :

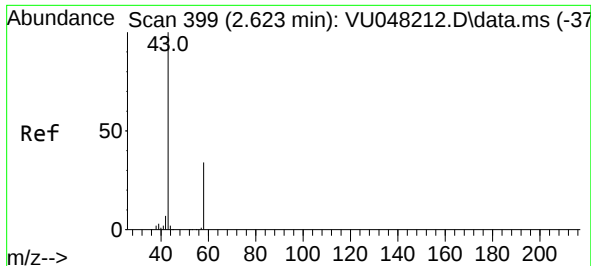
Tgt Ion:101 Resp: 1184
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.477 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU048230.D
Acq: 22 Apr 2022 17:20

Tgt Ion: 96 Resp: 1037
Ion Ratio Lower Upper
96 100
61 1334.7 113.1 210.1#
63 11951.4 94.8 176.0#





#13

Acetone

Concen: 3.729 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.007 min

Lab File: VU048230.D

Acq: 22 Apr 2022 17:20

Instrument :

MSVOA_U

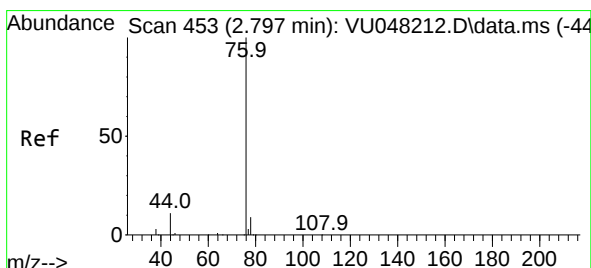
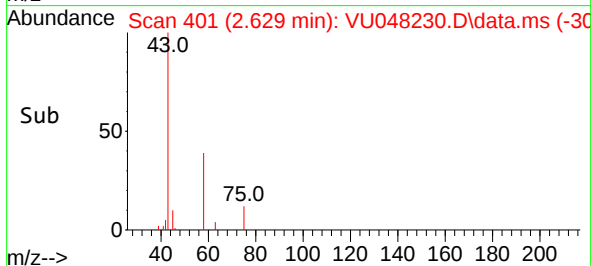
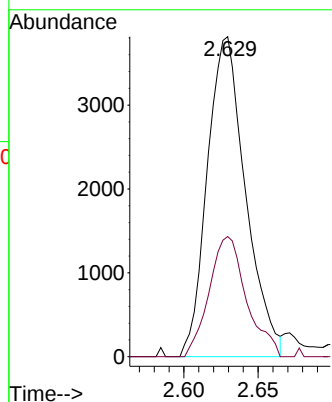
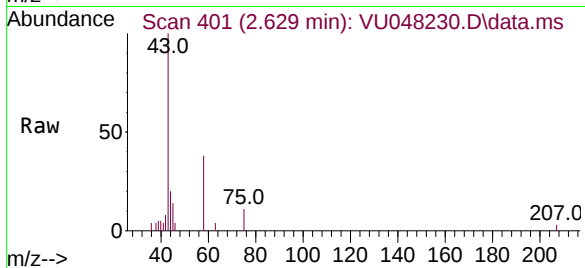
ClientSampleId :

Tgt Ion: 43 Resp: 6847

Ion Ratio Lower Upper

43 100

58 36.5 0.0 70.0



#14

Carbon disulfide

Concen: 0.594 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.006 min

Lab File: VU048230.D

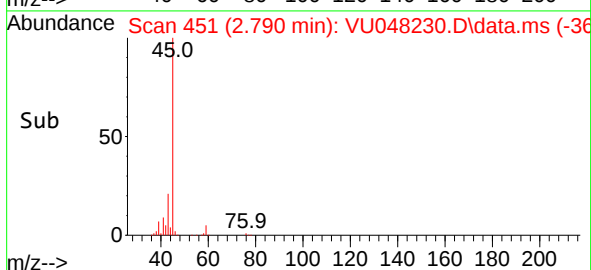
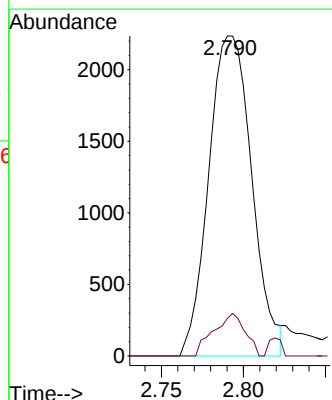
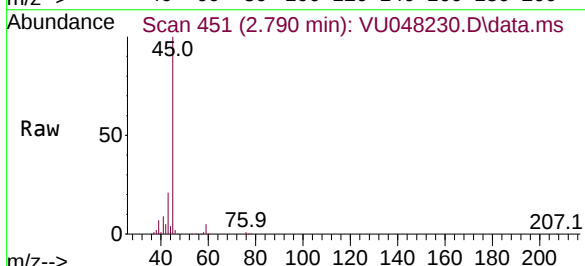
Acq: 22 Apr 2022 17:20

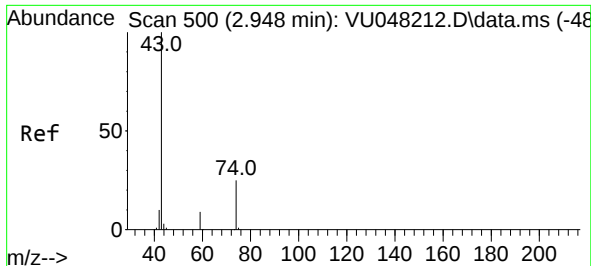
Tgt Ion: 76 Resp: 4084

Ion Ratio Lower Upper

76 100

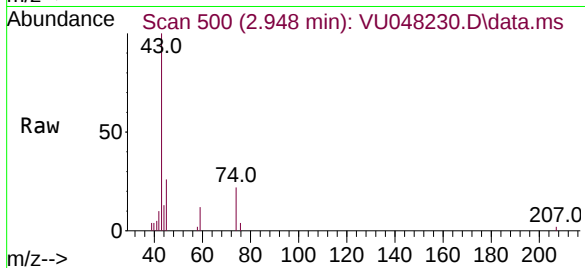
78 11.8 7.4 11.0#



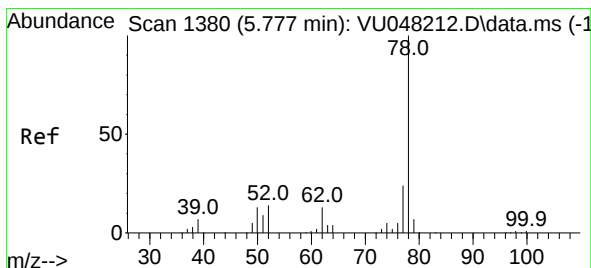
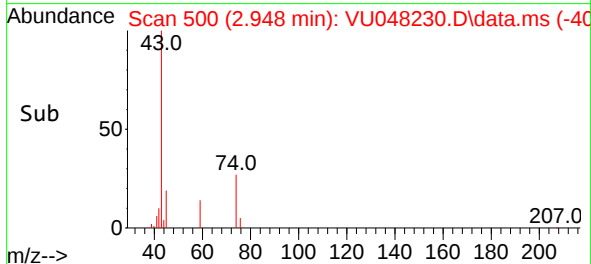
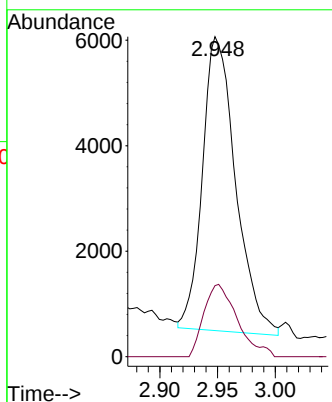


#15
Methyl Acetate
Concen: 3.811 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU048230.D
Acq: 22 Apr 2022 17:20

Instrument :
MSVOA_U
ClientSampleId :

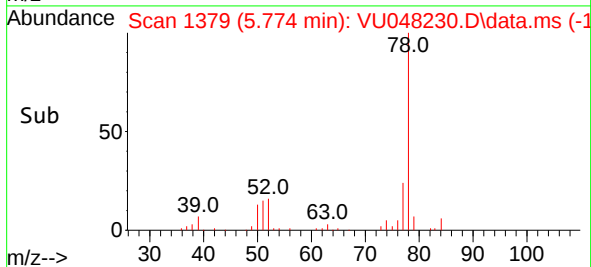
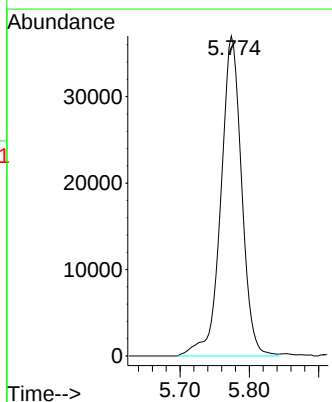
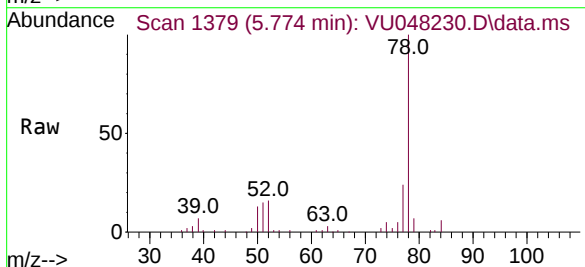


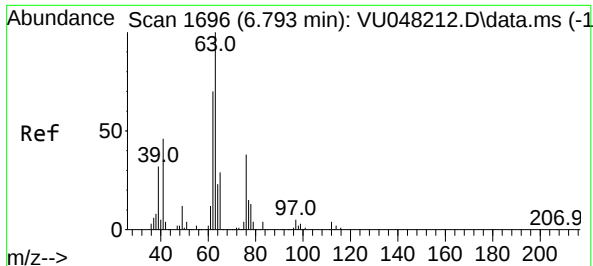
Tgt Ion: 43 Resp: 11159
Ion Ratio Lower Upper
43 100
74 23.9 22.2 33.2



#33
Benzene
Concen: 8.059 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU048230.D
Acq: 22 Apr 2022 17:20

Tgt Ion: 78 Resp: 77294





#37

1,2-Dichloropropane

Concen: 5.030 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048230.D

Acq: 22 Apr 2022 17:20

Instrument :

MSVOA_U

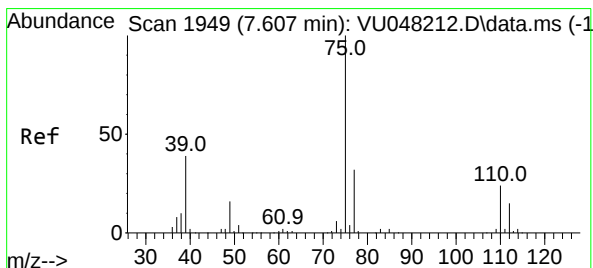
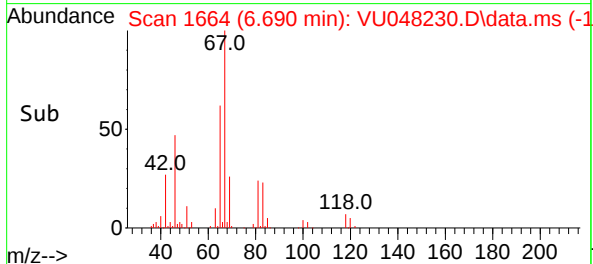
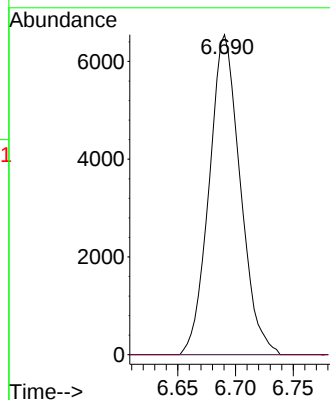
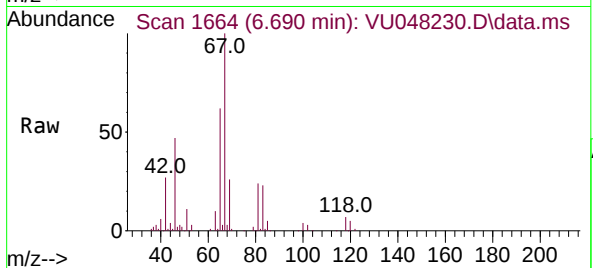
ClientSampleId :

Tgt Ion: 63 Resp: 12265

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.644 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.038 min

Lab File: VU048230.D

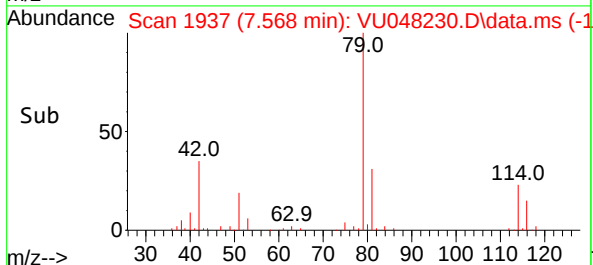
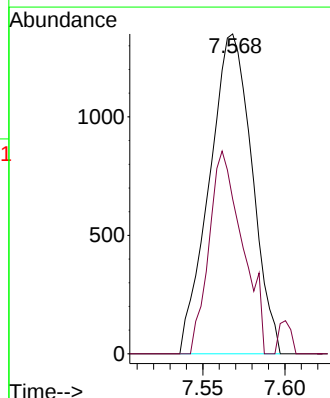
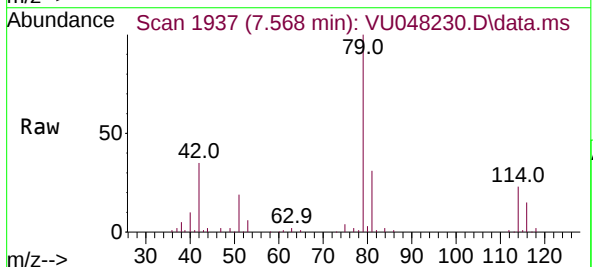
Acq: 22 Apr 2022 17:20

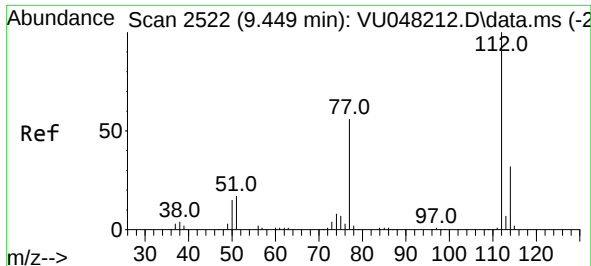
Tgt Ion: 75 Resp: 2436

Ion Ratio Lower Upper

75 100

77 48.4 21.8 40.6#

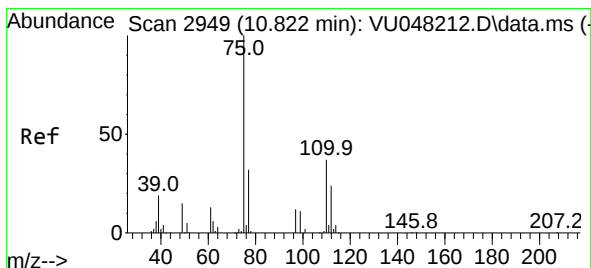
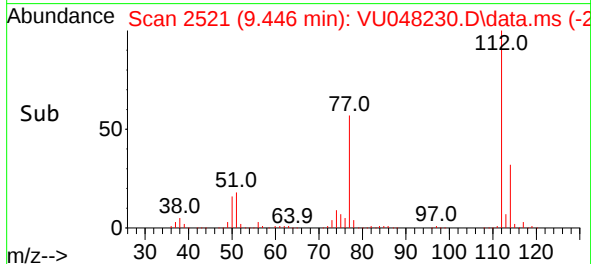
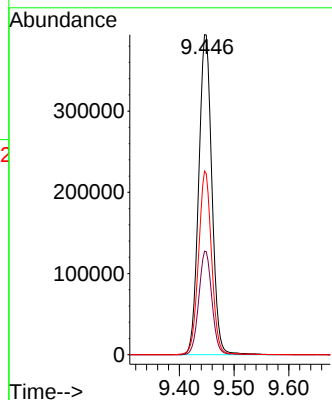
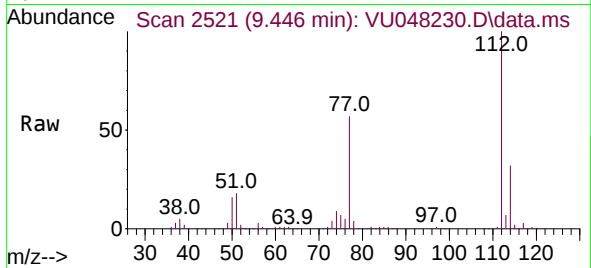




#51
Chlorobenzene
Concen: 92.028 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048230.D
Acq: 22 Apr 2022 17:20

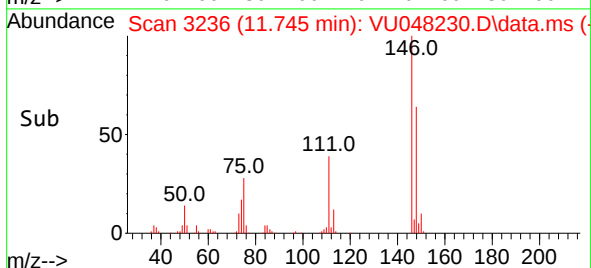
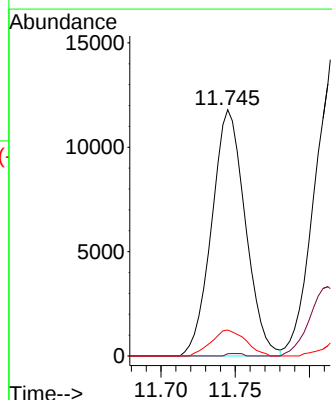
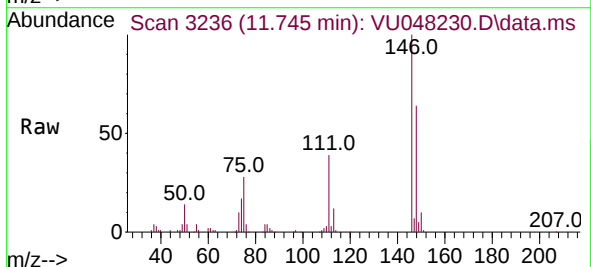
Instrument :
MSVOA_U
ClientSampleId :

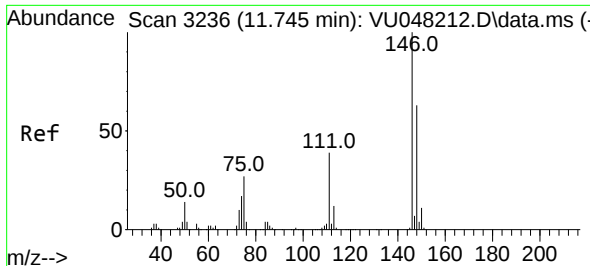
Tgt Ion:112 Resp: 657619
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 57.4 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 6.325 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.923 min
Lab File: VU048230.D
Acq: 22 Apr 2022 17:20

Tgt Ion: 75 Resp: 18568
Ion Ratio Lower Upper
75 100
77 0.4 26.0 39.0#
110 10.8 31.4 47.2#

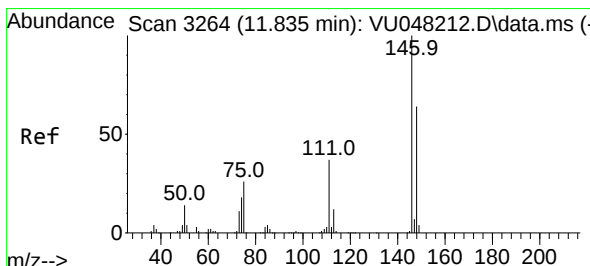
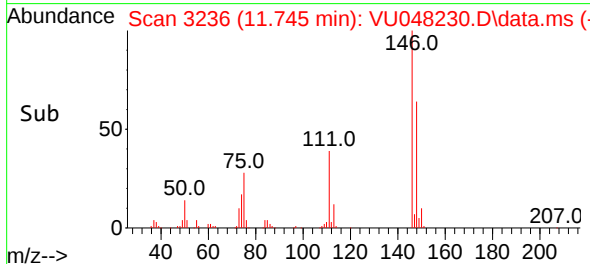
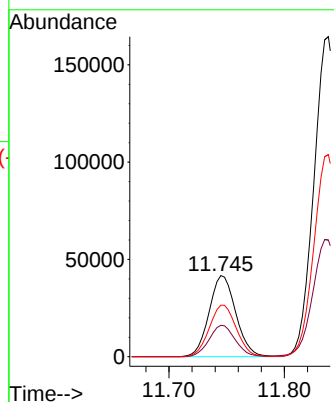
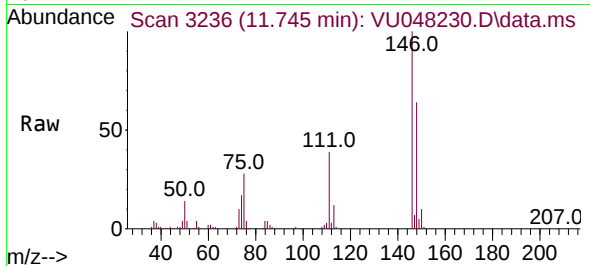




#64
1,3-Dichlorobenzene
Concen: 14.338 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048230.D
Acq: 22 Apr 2022 17:20

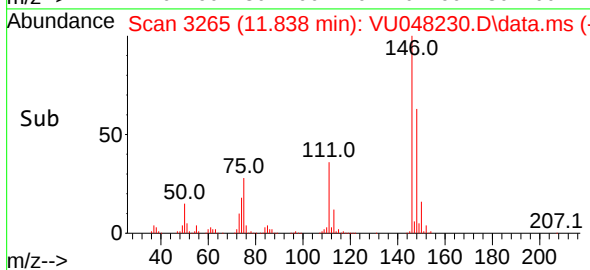
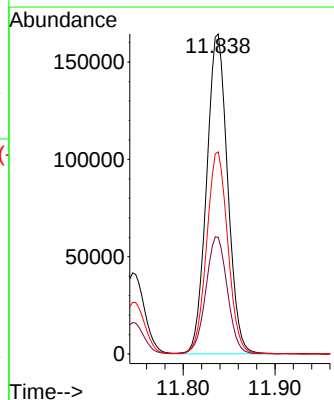
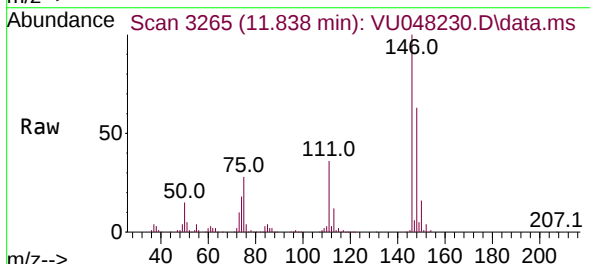
Instrument :
MSVOA_U
ClientSampleId :

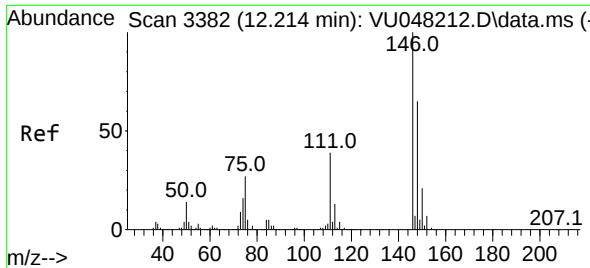
Tgt Ion:146 Resp: 67076
Ion Ratio Lower Upper
146 100
111 38.8 26.7 49.7
148 63.6 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 54.031 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048230.D
Acq: 22 Apr 2022 17:20

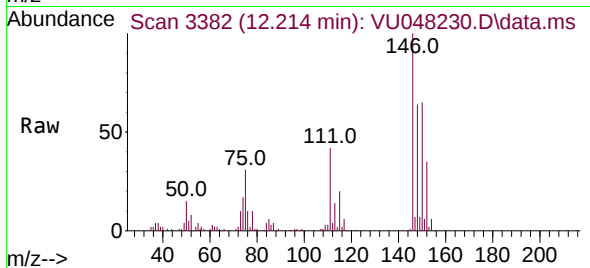
Tgt Ion:146 Resp: 261813
Ion Ratio Lower Upper
146 100
111 36.5 25.3 47.1
148 63.1 44.5 82.7



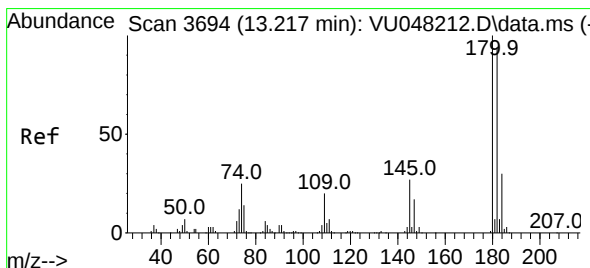
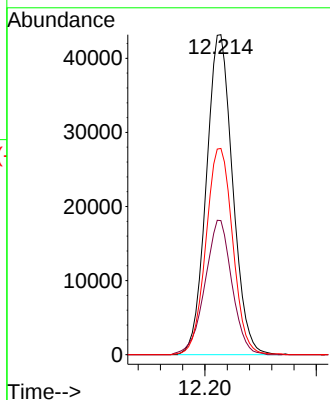
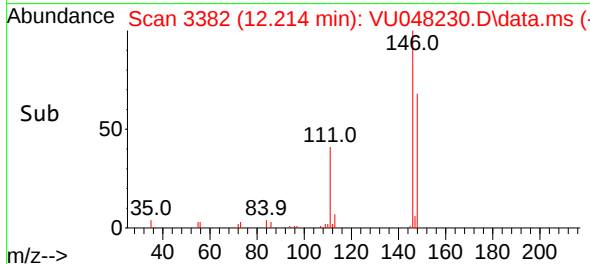


#67
1,2-Dichlorobenzene
Concen: 15.148 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU048230.D
Acq: 22 Apr 2022 17:20

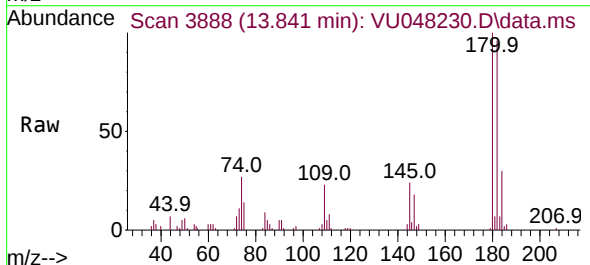
Instrument :
MSVOA_U
ClientSampleId :



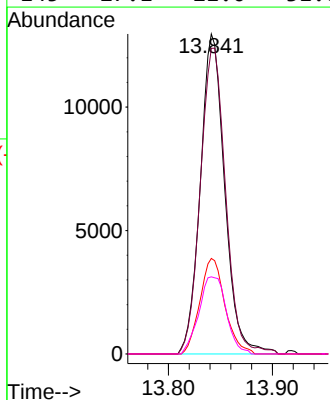
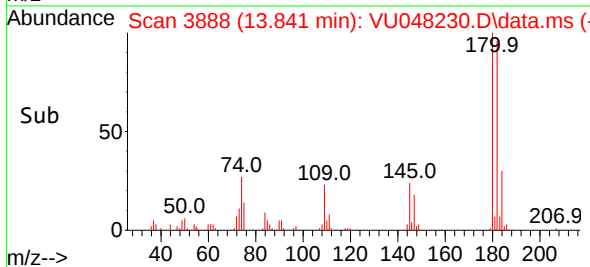
Tgt Ion:146 Resp: 70908
Ion Ratio Lower Upper
146 100
111 41.9 31.7 47.5
148 64.5 51.4 77.2

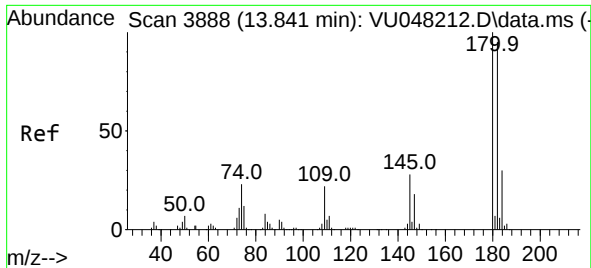


#69
1,3,5-Trichlorobenzene
Concen: 5.565 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.624 min
Lab File: VU048230.D
Acq: 22 Apr 2022 17:20



Tgt Ion:180 Resp: 21144
Ion Ratio Lower Upper
180 100
182 98.1 77.0 115.6
184 30.7 24.5 36.7
145 27.1 21.0 31.6





#70

1,2,4-trichlorobenzene

Concen: 6.354 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

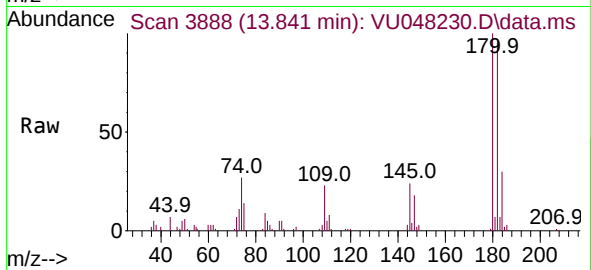
Lab File: VU048230.D

Acq: 22 Apr 2022 17:20

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 21144

Ion Ratio Lower Upper

180 100

182 98.1 76.2 114.2

145 27.1 21.8 32.8

