

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048215.D
 Acq On : 22 Apr 2022 11:19
 Operator : SY/MD
 Sample : N2485-15DL 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 22:00:16 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)

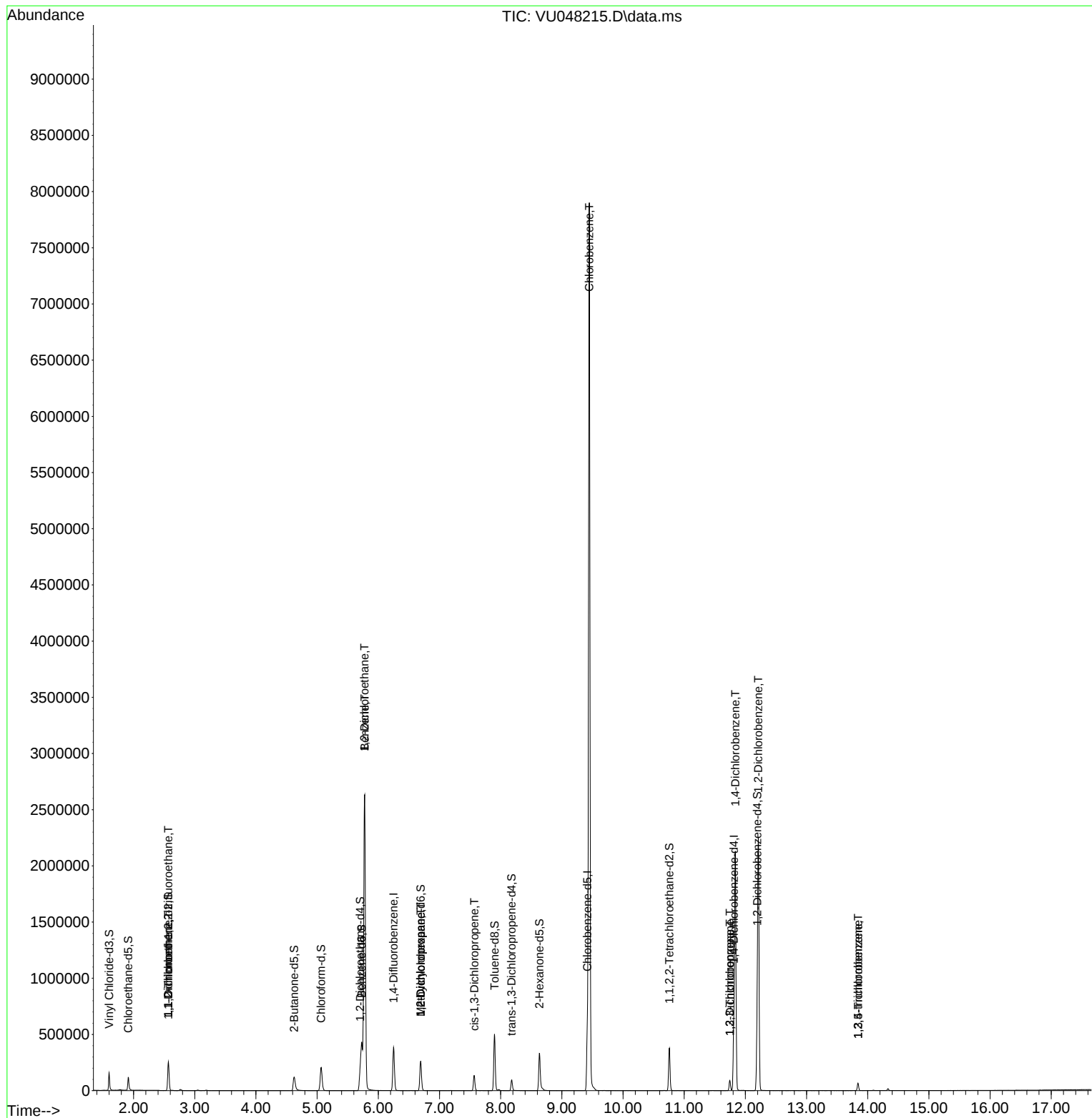
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	326514	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	323330	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	167082	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	119949	50.659	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.320%			
7) Chloroethane-d5	1.913	69	92313	49.445	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.880%			
11) 1,1-Dichloroethene-d2	2.568	63	147103	33.957	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.920%			
21) 2-Butanone-d5	4.623	46	171793	84.531	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.530%			
24) Chloroform-d	5.067	84	195459	45.116	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.240%			
26) 1,2-Dichloroethane-d4	5.703	65	122368	46.053	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.100%			
32) Benzene-d6	5.729	84	406149	49.921	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.840%			
36) 1,2-Dichloropropane-d6	6.694	67	133872	53.579	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.160%			
41) Toluene-d8	7.899	98	334737	42.229	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.460%			
43) trans-1,3-Dichloroprop...	8.179	79	55700	44.002	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.000%			
47) 2-Hexanone-d5	8.633	63	113082	77.311	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 77.310%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	191409	44.638	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.280%			
66) 1,2-Dichlorobenzene-d4	12.195	152	154269	51.898	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.800%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1446	0.601	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1095	0.489	ug/L #	1
27) 1,2-Dichloroethane	5.774	62	20015	5.775	ug/L #	75
33) Benzene	5.777	78	2600381	277.852	ug/L	100
35) Methylcyclohexane	6.694	83	30285	8.113	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	13419	5.640	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3036	0.822	ug/L #	63
51) Chlorobenzene	9.449	112	4333191	621.470	ug/L	98
60) 1,2,3-Trichloropropane	11.745	75	10846	3.443	ug/L #	49
64) 1,3-Dichlorobenzene	11.745	146	40311	8.032	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	876403	168.582	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	908087	180.821	ug/L	100
69) 1,3,5-Trichlorobenzene	13.841	180	22883	5.614	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	22883	6.409	ug/L	99

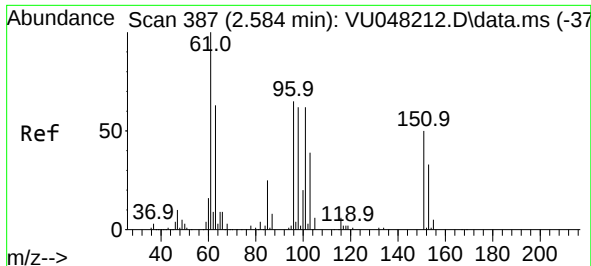
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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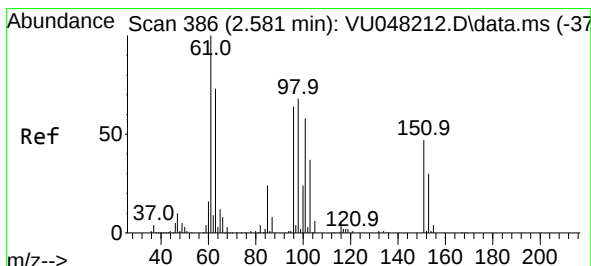
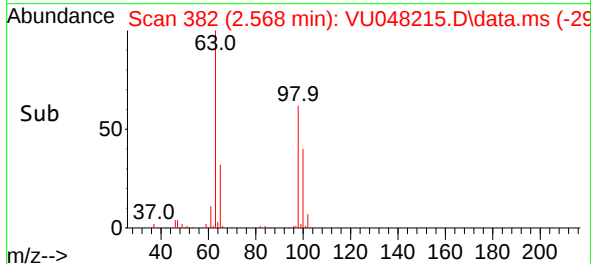
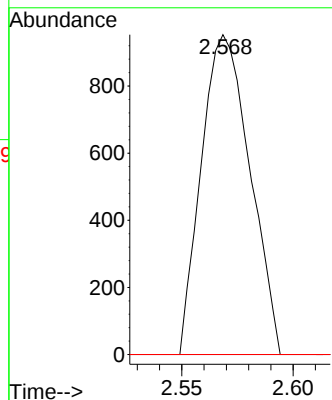
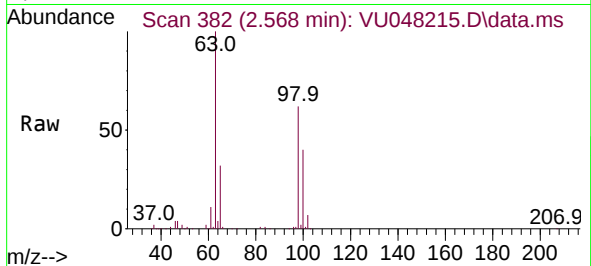




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.601 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU048215.D
 Acq: 22 Apr 2022 11:19

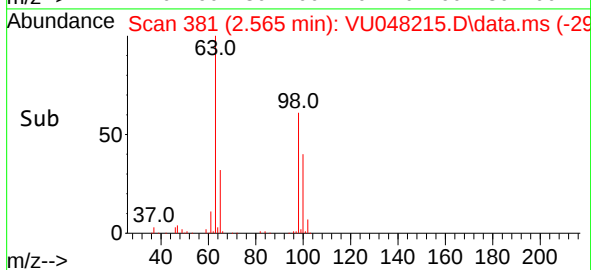
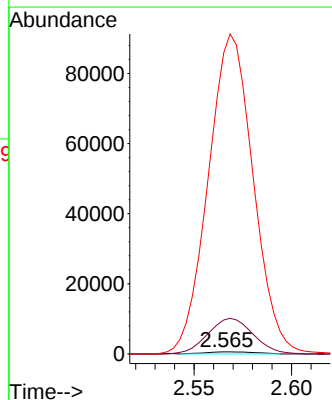
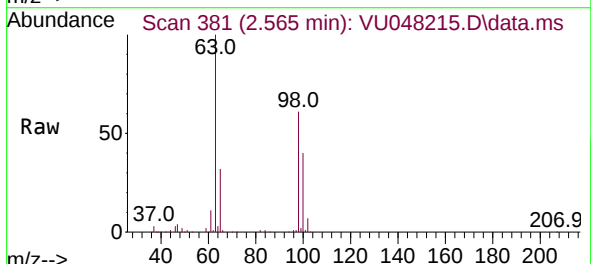
Instrument :
 MSVOA_U
 ClientSampleId :

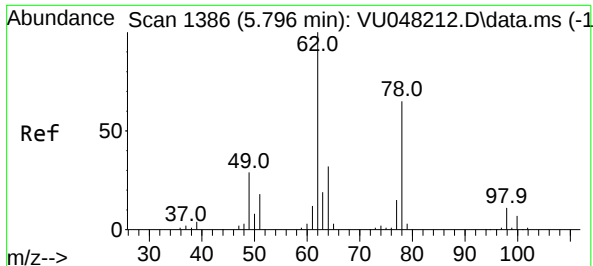
Tgt Ion:101 Resp: 1446
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.489 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU048215.D
 Acq: 22 Apr 2022 11:19

Tgt Ion: 96 Resp: 1095
 Ion Ratio Lower Upper
 96 100
 61 1611.5 113.1 210.1#
 63 14289.5 94.8 176.0#





#27

1,2-Dichloroethane

Concen: 5.775 ug/L

RT: 5.774 min Scan# 1386

Delta R.T. -0.022 min

Lab File: VU048215.D

Acq: 22 Apr 2022 11:19

Instrument :

MSVOA_U

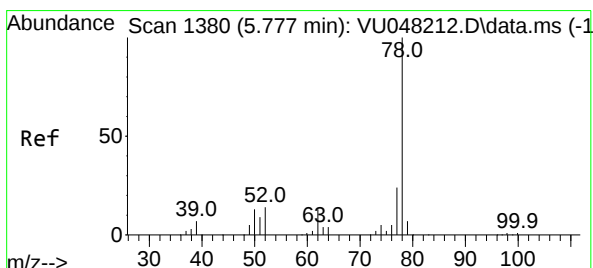
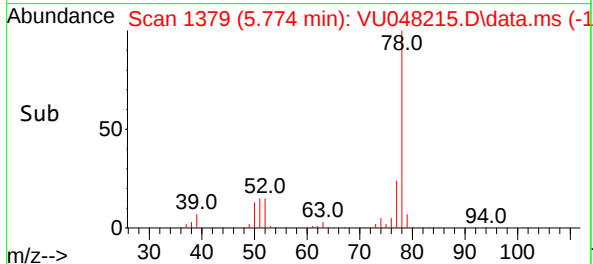
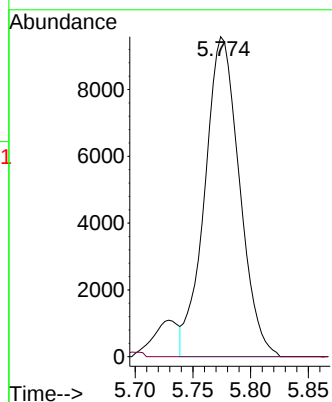
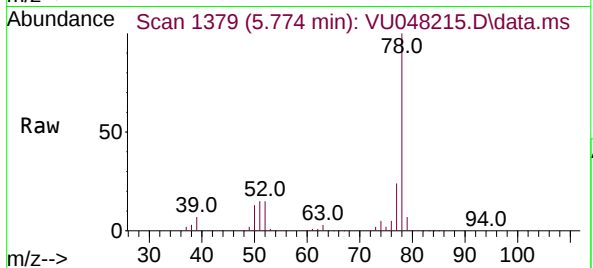
ClientSampleId :

Tgt Ion: 62 Resp: 20015

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#33

Benzene

Concen: 277.852 ug/L

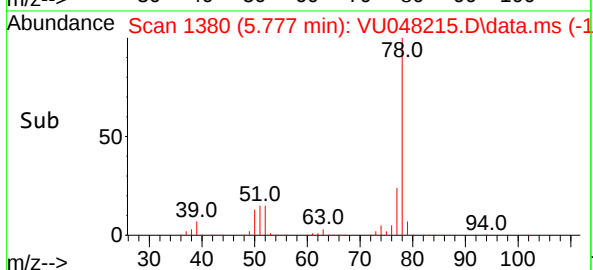
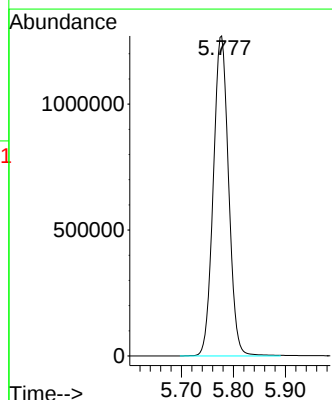
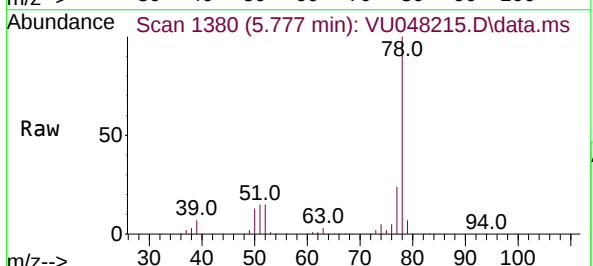
RT: 5.777 min Scan# 1380

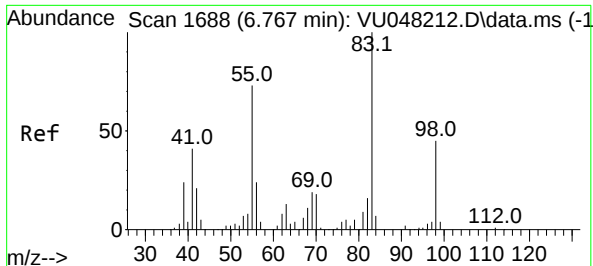
Delta R.T. 0.000 min

Lab File: VU048215.D

Acq: 22 Apr 2022 11:19

Tgt Ion: 78 Resp: 2600381

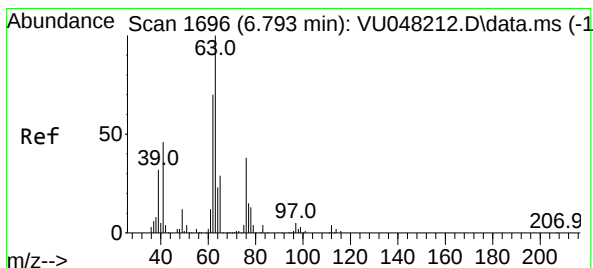
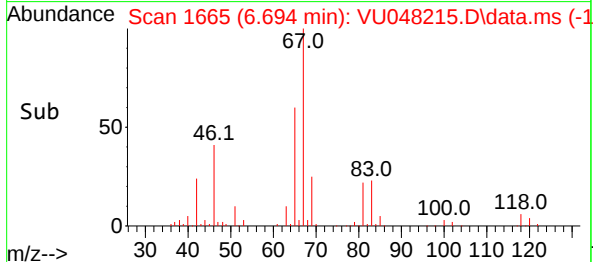
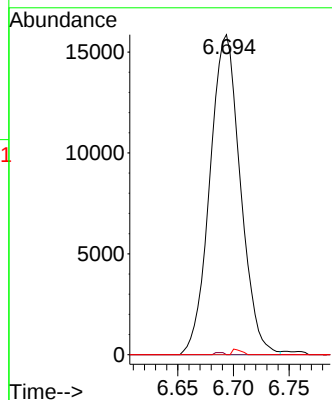
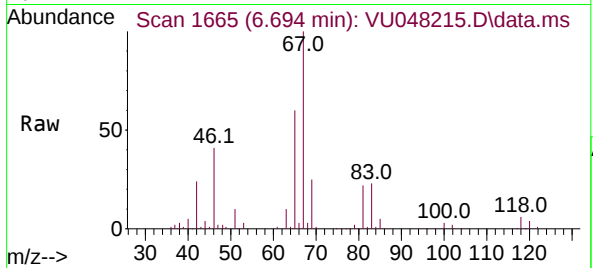




#35
Methylcyclohexane
Concen: 8.113 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU048215.D
Acq: 22 Apr 2022 11:19

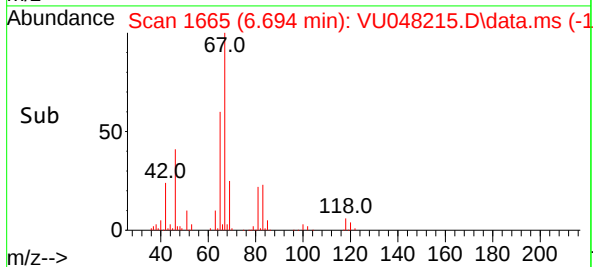
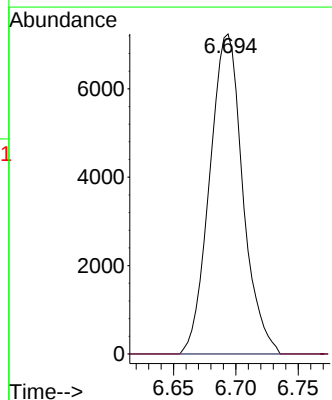
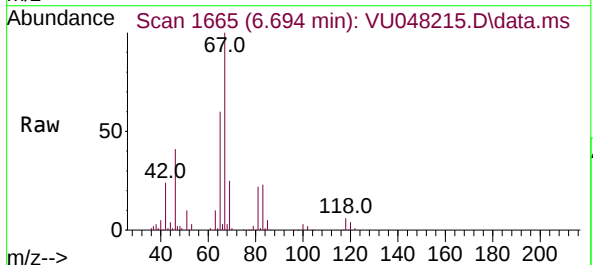
Instrument :
MSVOA_U
ClientSampleId :

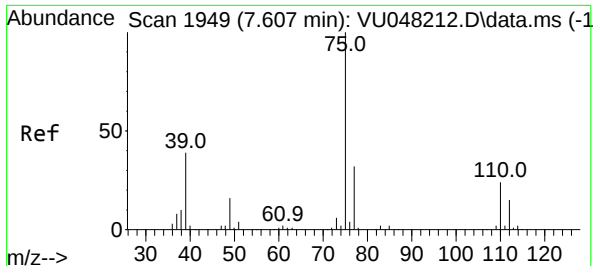
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.8	85.2#
98	0.5	38.1	57.1#



#37
1,2-Dichloropropane
Concen: 5.640 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.099 min
Lab File: VU048215.D
Acq: 22 Apr 2022 11:19

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.822 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.038 min

Lab File: VU048215.D

Acq: 22 Apr 2022 11:19

Instrument :

MSVOA_U

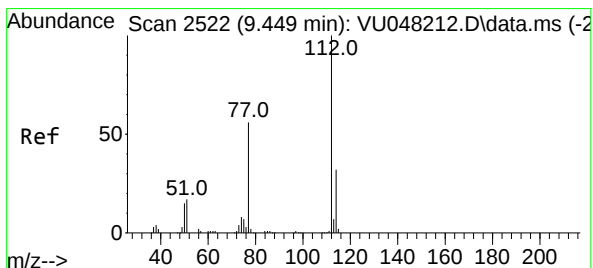
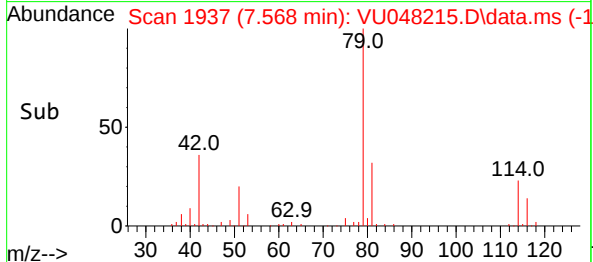
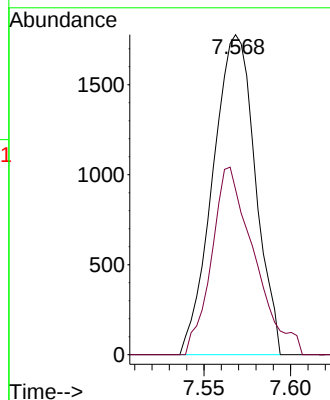
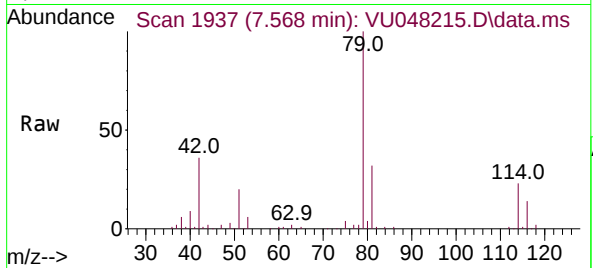
ClientSampleId :

Tgt Ion: 75 Resp: 3036

Ion Ratio Lower Upper

75 100

77 51.6 21.8 40.6#



#51

Chlorobenzene

Concen: 621.470 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU048215.D

Acq: 22 Apr 2022 11:19

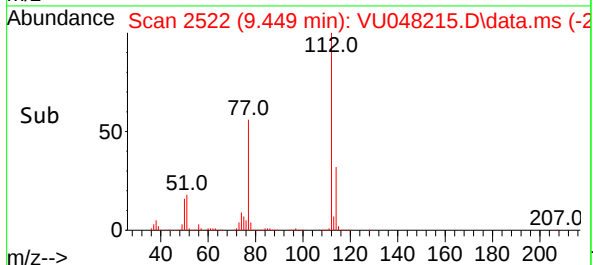
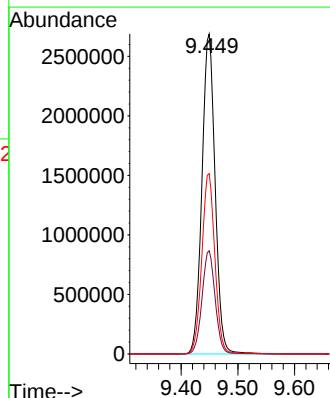
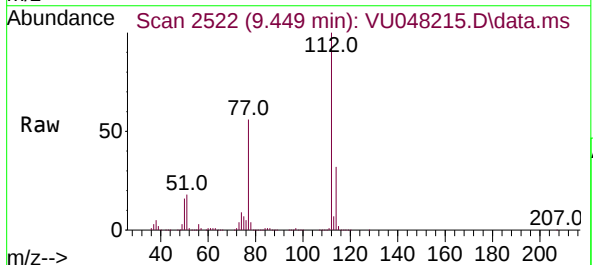
Tgt Ion: 112 Resp: 4333191

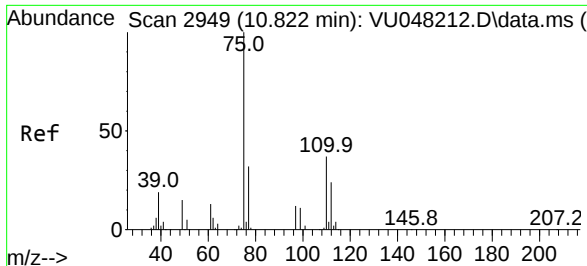
Ion Ratio Lower Upper

112 100

114 32.3 22.1 41.1

77 56.4 43.4 65.0

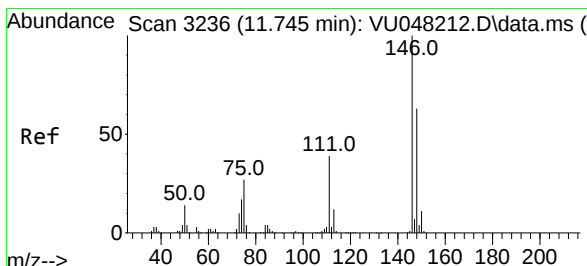
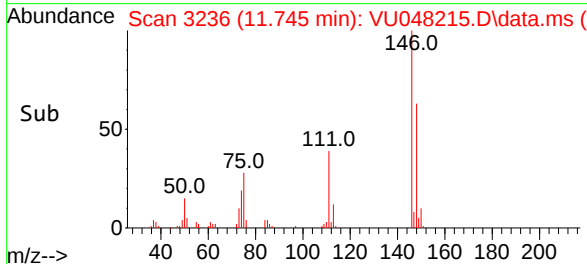
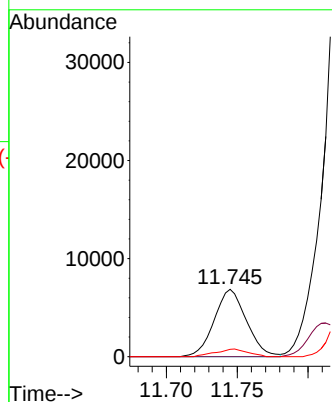
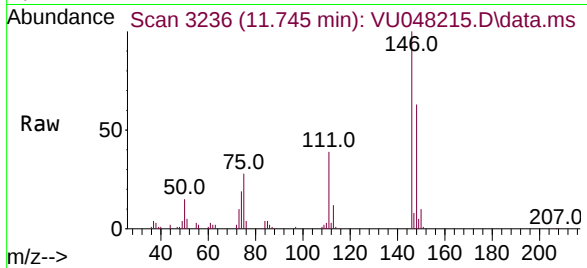




#60
1,2,3-Trichloropropane
Concen: 3.443 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.923 min
Lab File: VU048215.D
Acq: 22 Apr 2022 11:19

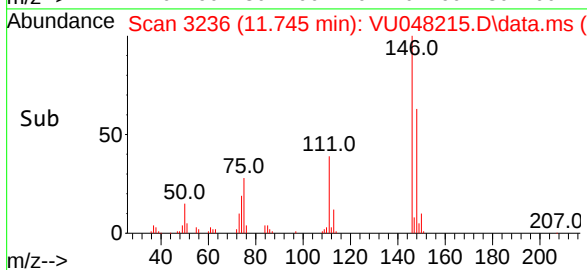
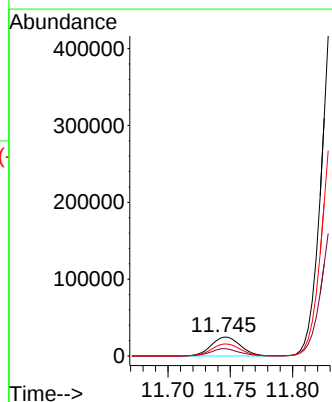
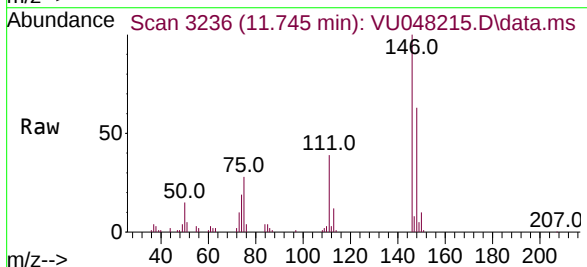
Instrument :
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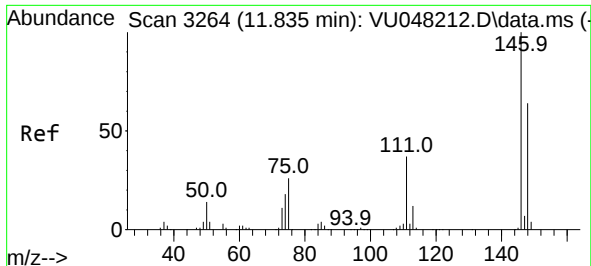
Tgt Ion: 75 Resp: 10846
Ion Ratio Lower Upper
75 100
77 0.6 26.0 39.0#
110 11.4 31.4 47.2#



#64
1,3-Dichlorobenzene
Concen: 8.032 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU048215.D
Acq: 22 Apr 2022 11:19

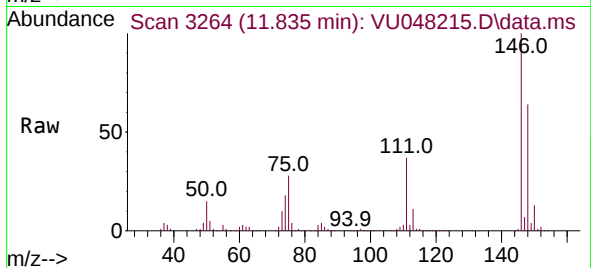
Tgt Ion:146 Resp: 40311
Ion Ratio Lower Upper
146 100
111 39.1 26.7 49.7
148 63.4 44.4 82.5



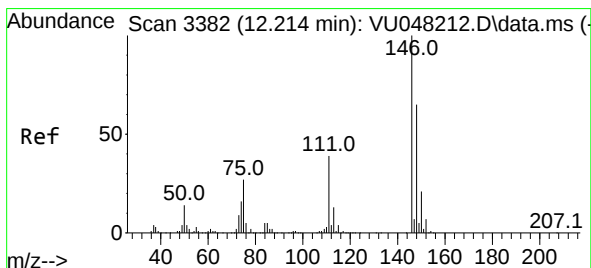
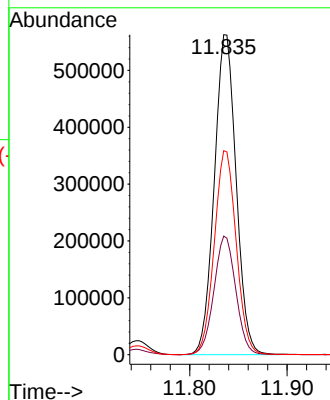
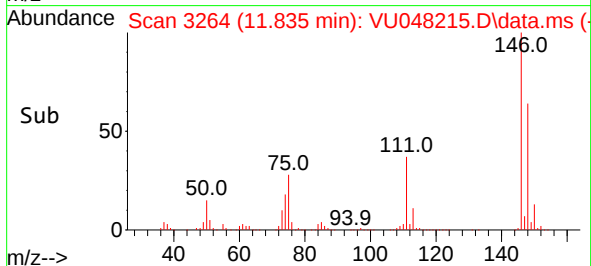


#65
1,4-Dichlorobenzene
Concen: 168.582 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU048215.D
Acq: 22 Apr 2022 11:19

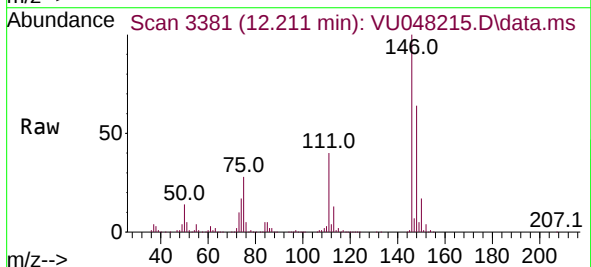
Instrument :
MSVOA_U
ClientSampleId :



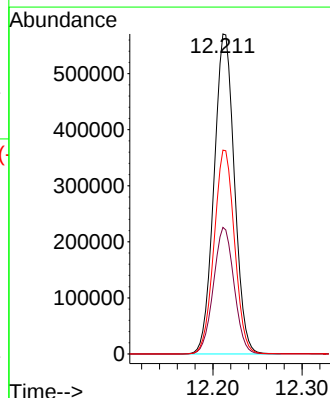
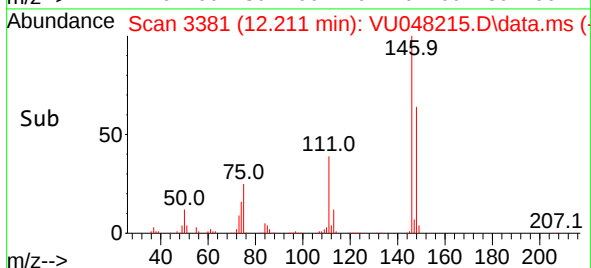
Tgt Ion:146 Resp: 876403
Ion Ratio Lower Upper
146 100
111 37.0 25.3 47.1
148 63.8 44.5 82.7

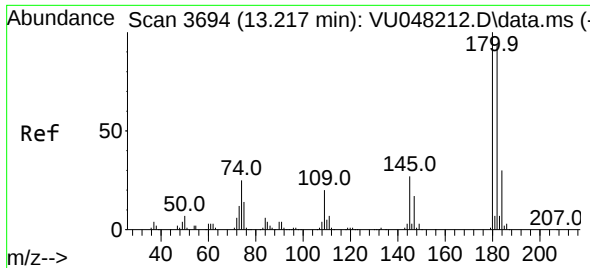


#67
1,2-Dichlorobenzene
Concen: 180.821 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048215.D
Acq: 22 Apr 2022 11:19



Tgt Ion:146 Resp: 908087
Ion Ratio Lower Upper
146 100
111 39.5 31.7 47.5
148 63.7 51.4 77.2



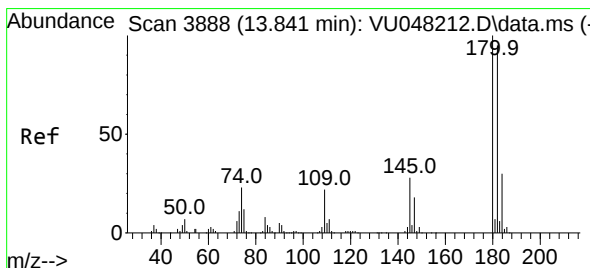
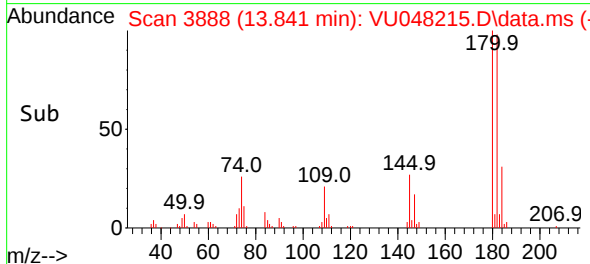
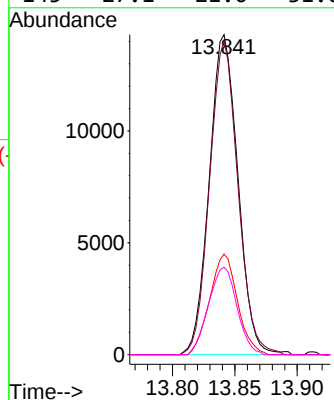
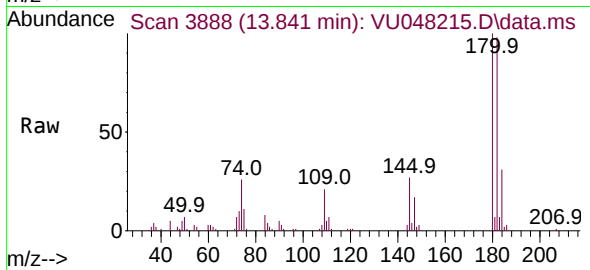


#69
 1,3,5-Trichlorobenzene
 Concen: 5.614 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.624 min
 Lab File: VU048215.D
 Acq: 22 Apr 2022 11:19

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 22883

Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.0	115.6
184	30.5	24.5	36.7
145	27.1	21.0	31.6



#70
 1,2,4-trichlorobenzene
 Concen: 6.409 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048215.D
 Acq: 22 Apr 2022 11:19

Tgt Ion:180 Resp: 22883

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.2	114.2
145	27.1	21.8	32.8

