

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048151.D
 Acq On : 20 Apr 2022 18:27
 Operator : SY/MD
 Sample : N2485-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J10

Quant Time: Apr 21 02:44:09 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)

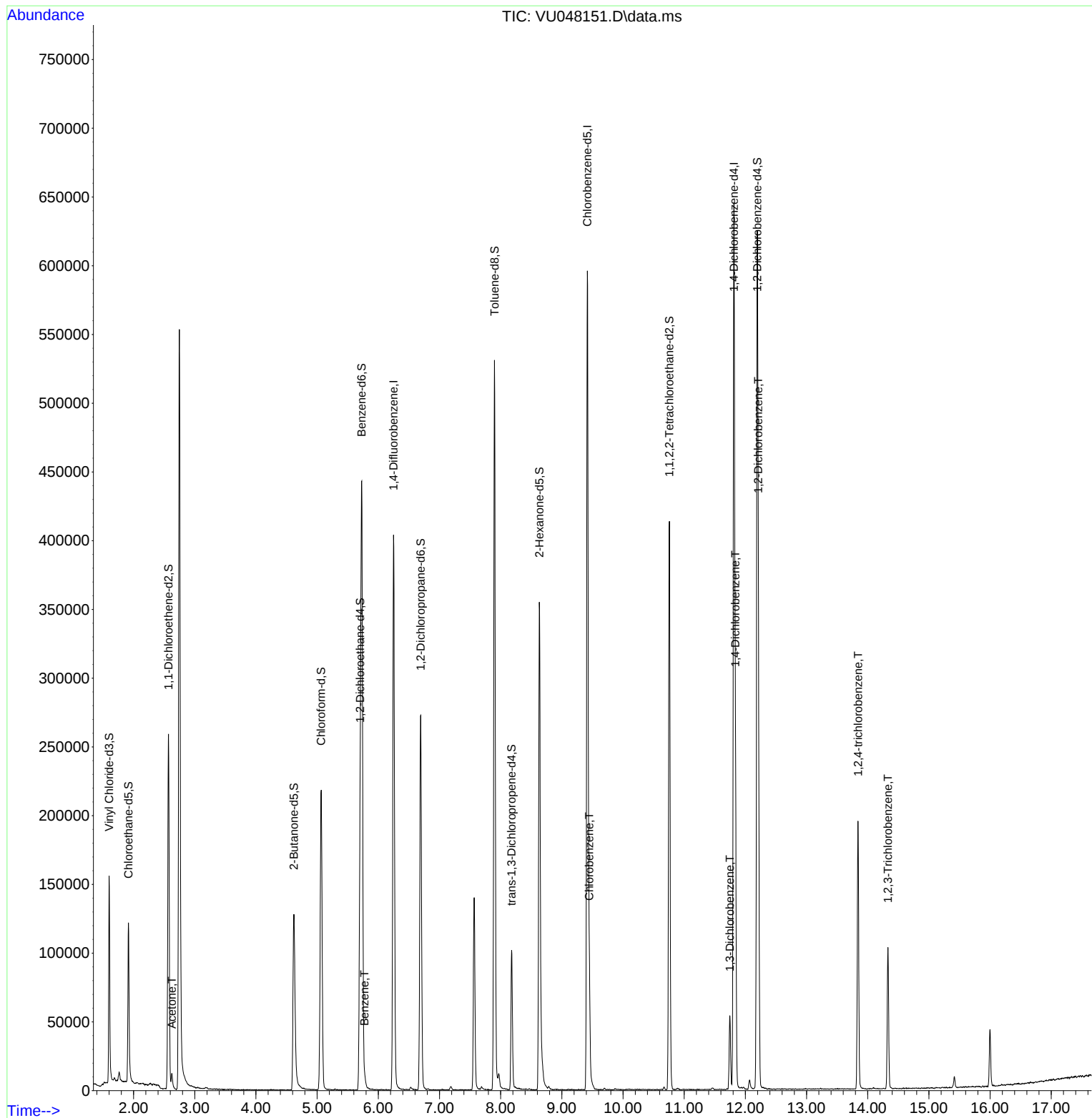
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	347995	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	364724	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	180596	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	113259	44.881	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.760%
7) Chloroethane-d5	1.916	69	93602	47.041	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.080%
11) 1,1-Dichloroethene-d2	2.572	63	146831	31.802	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.600%
21) 2-Butanone-d5	4.620	46	189048	87.279	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.280%
24) Chloroform-d	5.067	84	206643	44.753	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.500%
26) 1,2-Dichloroethane-d4	5.703	65	130213	45.980	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.960%
32) Benzene-d6	5.729	84	428409	46.680	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.360%
36) 1,2-Dichloropropane-d6	6.694	67	136021	48.260	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.520%
41) Toluene-d8	7.899	98	367109	41.056	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.120%
43) trans-1,3-Dichloroprop...	8.179	79	58277	40.813	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.620%
47) 2-Hexanone-d5	8.632	63	126858	76.886	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.890%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	212917	44.018	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.040%
66) 1,2-Dichlorobenzene-d4	12.195	152	159877	49.760	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.520%
Target Compounds						
					Qvalue	
13) Acetone	2.626	43	11743	5.826	ug/L	99
33) Benzene	5.774	78	5905	0.559	ug/L	100
51) Chlorobenzene	9.449	112	46747	5.944	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	25324	4.668	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	101970	18.147	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	111889	20.613	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	67625	17.523	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	35986	9.302	ug/L	97

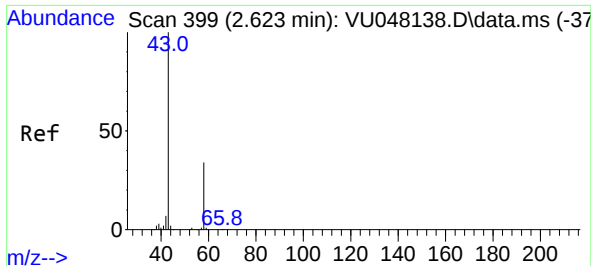
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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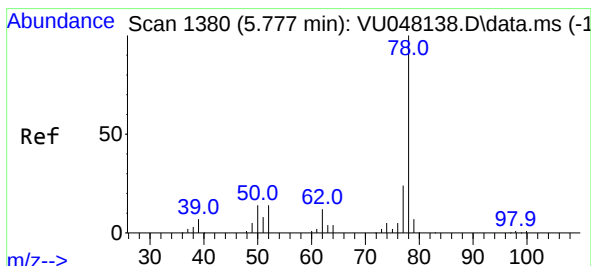
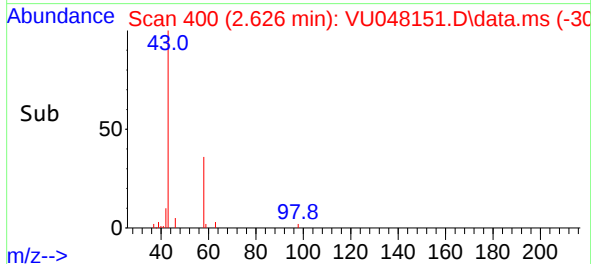
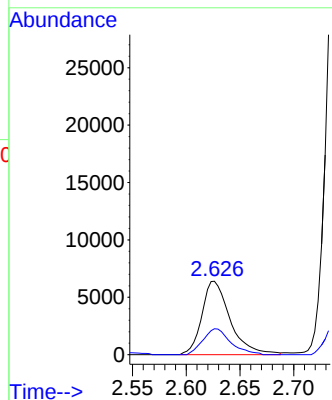
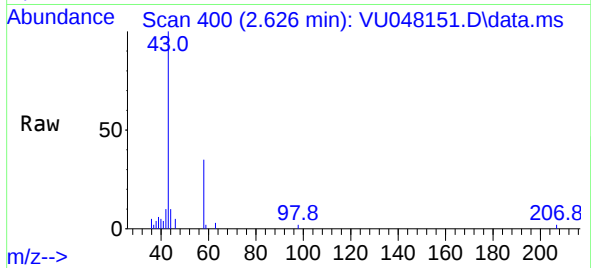




#13
Acetone
Concen: 5.826 ug/L
RT: 2.626 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU048151.D
Acq: 20 Apr 2022 18:27

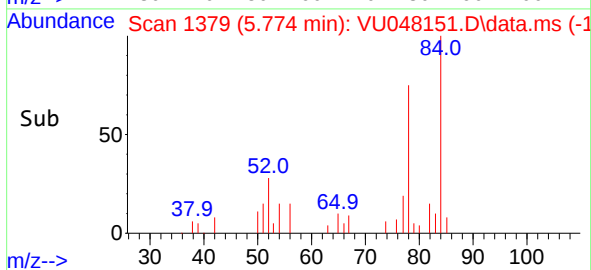
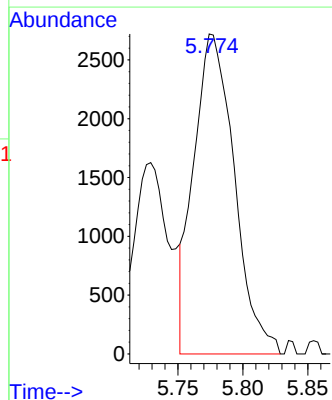
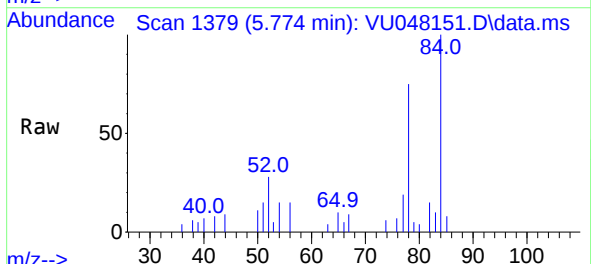
Instrument :
MSVOA_U
ClientSampleId :
C0J10

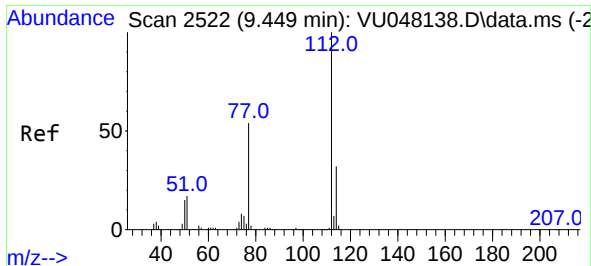
Tgt Ion: 43 Resp: 11743
Ion Ratio Lower Upper
43 100
58 34.5 0.0 70.0



#33
Benzene
Concen: 0.559 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU048151.D
Acq: 20 Apr 2022 18:27

Tgt Ion: 78 Resp: 5905

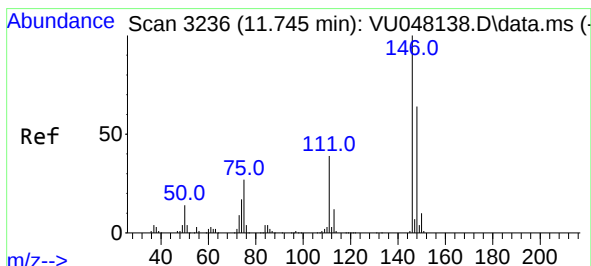
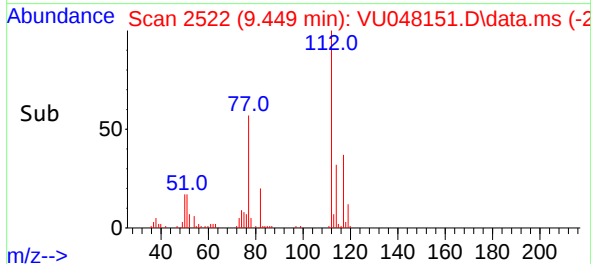
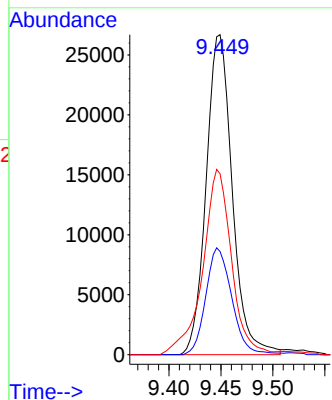
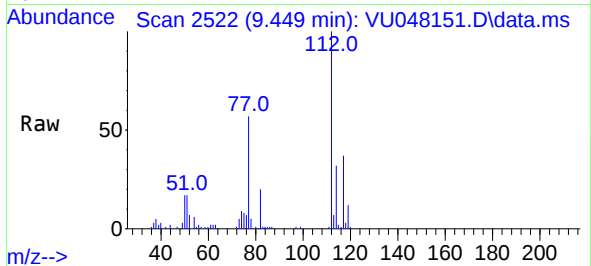




#51
Chlorobenzene
Concen: 5.944 ug/L
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048151.D
Acq: 20 Apr 2022 18:27

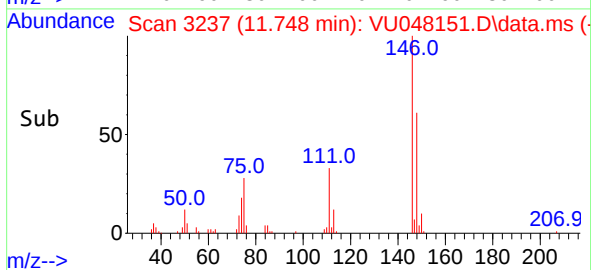
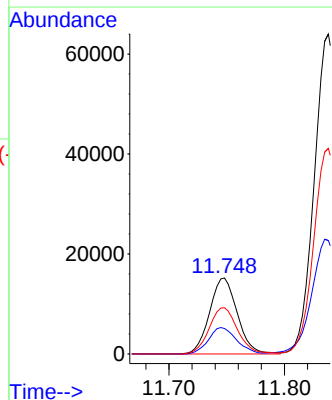
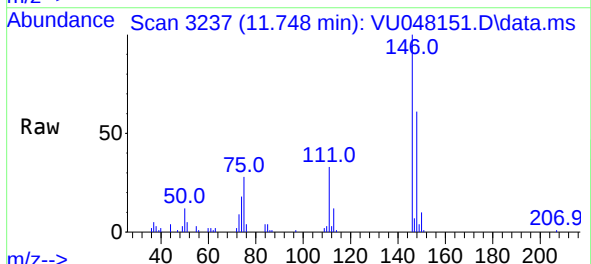
Instrument :
MSVOA_U
ClientSampleId :
C0J10

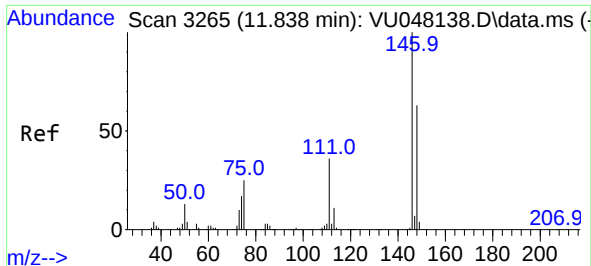
Tgt Ion:112 Resp: 46747
Ion Ratio Lower Upper
112 100
114 32.3 22.1 41.1
77 56.6 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 4.668 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU048151.D
Acq: 20 Apr 2022 18:27

Tgt Ion:146 Resp: 25324
Ion Ratio Lower Upper
146 100
111 33.4 26.7 49.7
148 60.8 44.4 82.5

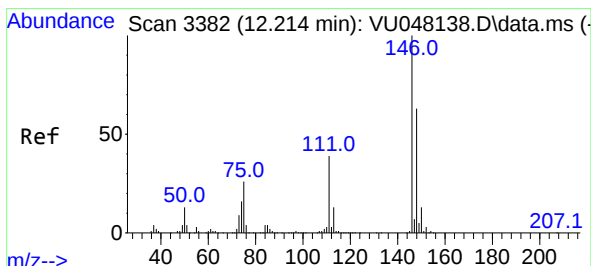
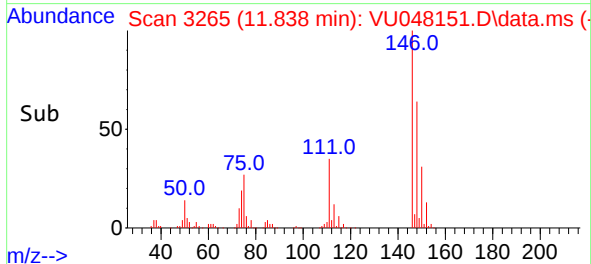
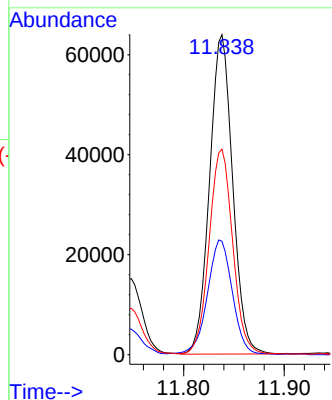
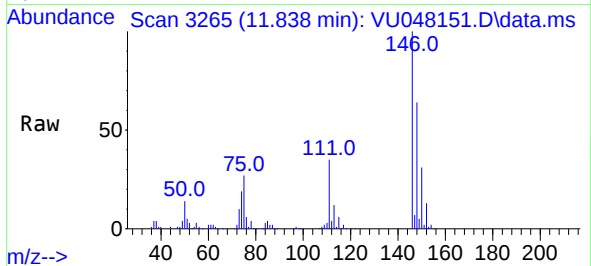




#65
1,4-Dichlorobenzene
Concen: 18.147 ug/L
RT: 11.838 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048151.D
Acq: 20 Apr 2022 18:27

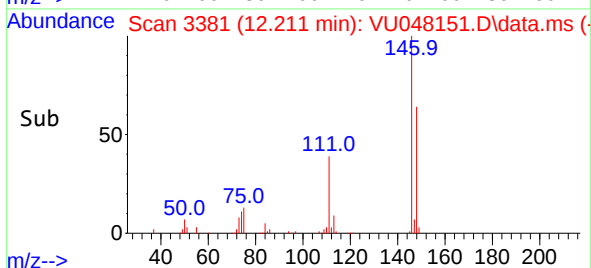
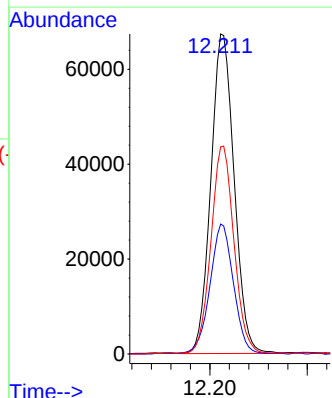
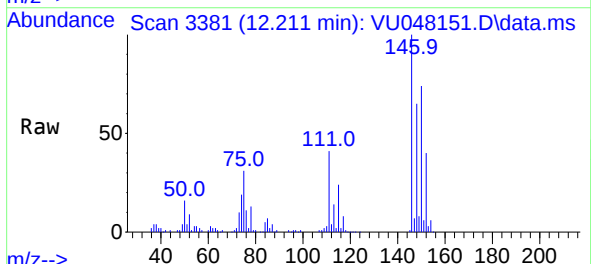
Instrument :
MSVOA_U
ClientSampleId :
C0J10

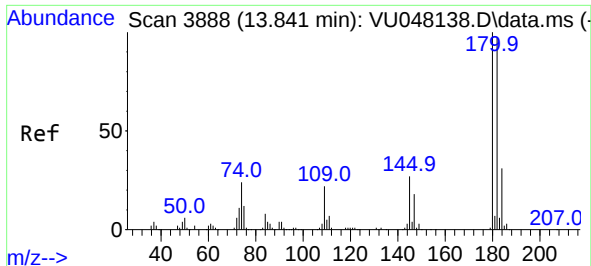
Tgt Ion:146 Resp: 101970
Ion Ratio Lower Upper
146 100
111 35.4 25.3 47.1
148 64.2 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 20.613 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048151.D
Acq: 20 Apr 2022 18:27

Tgt Ion:146 Resp: 111889
Ion Ratio Lower Upper
146 100
111 40.6 31.7 47.5
148 64.7 51.4 77.2

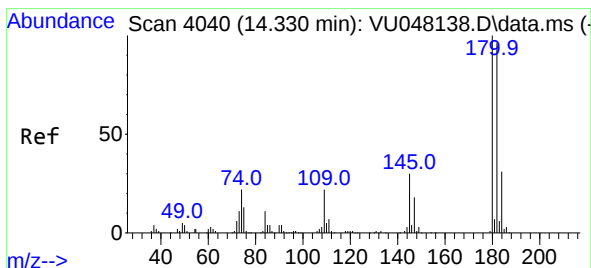
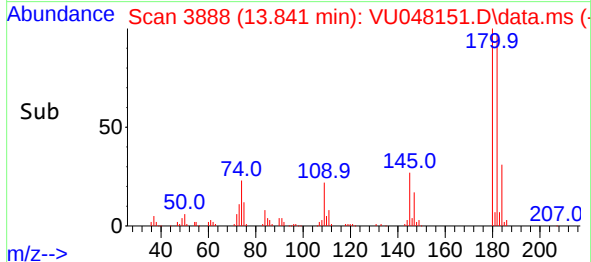
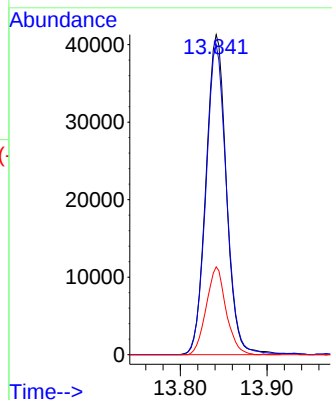
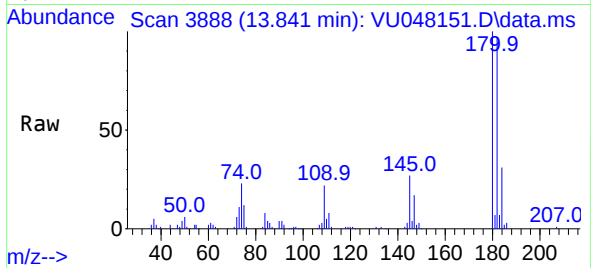




#70
1,2,4-trichlorobenzene
Concen: 17.523 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048151.D
Acq: 20 Apr 2022 18:27

Instrument :
MSVOA_U
ClientSampleId :
C0J10

Tgt Ion:180 Resp: 67625
Ion Ratio Lower Upper
180 100
182 97.3 76.2 114.2
145 26.6 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 9.302 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048151.D
Acq: 20 Apr 2022 18:27

Tgt Ion:180 Resp: 35986
Ion Ratio Lower Upper
180 100
182 92.7 77.4 116.0
145 29.2 22.8 34.2

