

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048050.D
 Acq On : 14 Apr 2022 12:09
 Operator : SY/MD
 Sample : N2345-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JB0

Quant Time: Apr 15 02:25:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 02:23:12 2022
 Response via : Initial Calibration

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

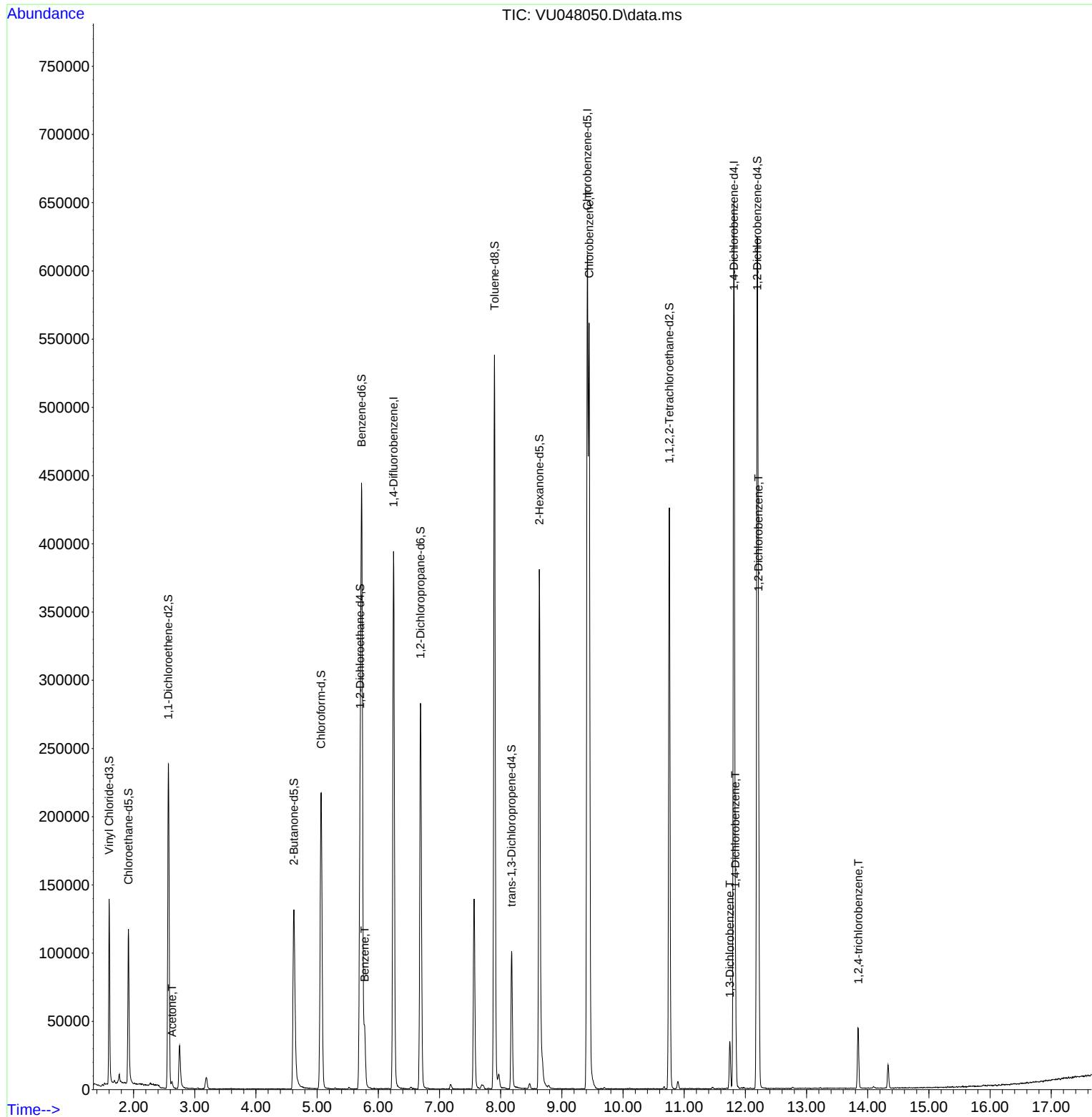
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	332957	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	354105	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	181834	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	99361	41.152	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.300%
7) Chloroethane-d5	1.916	69	91631	48.130	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.260%
11) 1,1-Dichloroethene-d2	2.568	63	135571	30.689	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.380%
21) 2-Butanone-d5	4.620	46	192245	92.764	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.760%
24) Chloroform-d	5.063	84	208064	47.096	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.703	65	135061	49.846	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.700%
32) Benzene-d6	5.729	84	417903	46.901	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.690	67	138602	50.651	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.300%
41) Toluene-d8	7.899	98	369182	42.526	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.060%
43) trans-1,3-Dichloroprop...	8.179	79	56185	40.528	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.060%
47) 2-Hexanone-d5	8.632	63	134375	83.884	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	210931	44.915	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.840%
66) 1,2-Dichlorobenzene-d4	12.195	152	162256	50.156	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.320%
Target Compounds						
					Qvalue	
13) Acetone	2.629	43	5350	2.774	ug/L	98
33) Benzene	5.777	78	42559	4.152	ug/L	100
51) Chlorobenzene	9.446	112	303556	39.753	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	15224	2.787	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	30160	5.331	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	103381	18.915	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	16140	4.154	ug/L	98

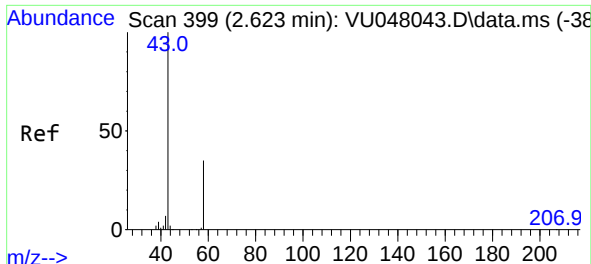
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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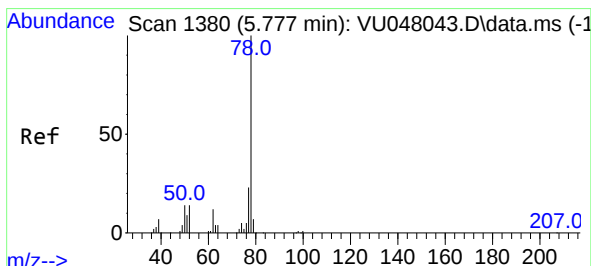
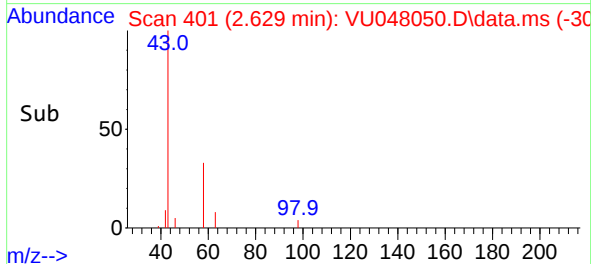
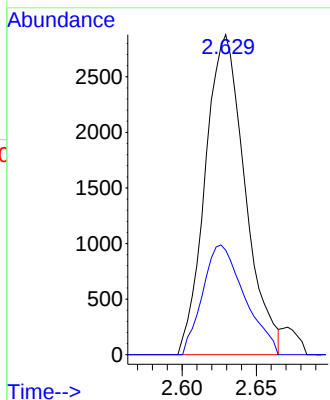
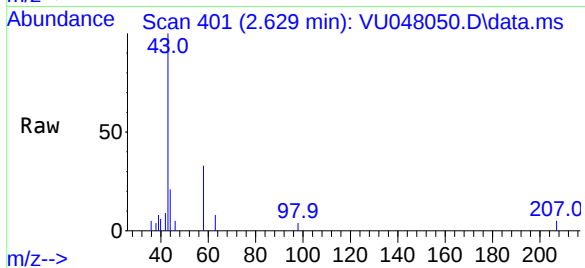




#13
Acetone
Concen: 2.774 ug/L
RT: 2.629 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU048050.D
Acq: 14 Apr 2022 12:09

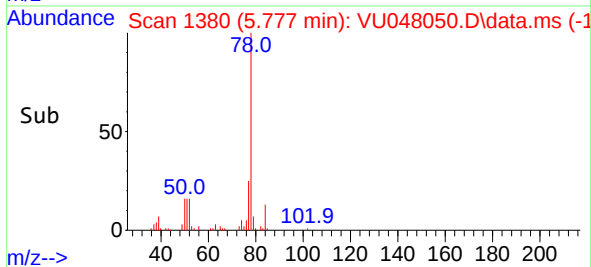
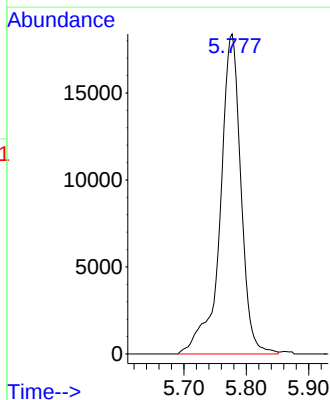
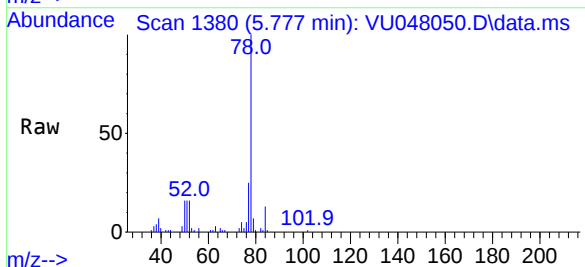
Instrument :
MSVOA_U
ClientSampleId :
C0JB0

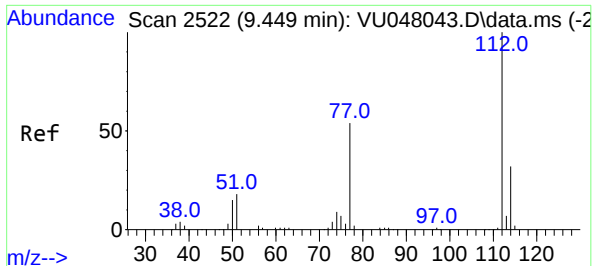
Tgt Ion: 43 Resp: 5350
Ion Ratio Lower Upper
43 100
58 36.3 0.0 70.0



#33
Benzene
Concen: 4.152 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU048050.D
Acq: 14 Apr 2022 12:09

Tgt Ion: 78 Resp: 42559

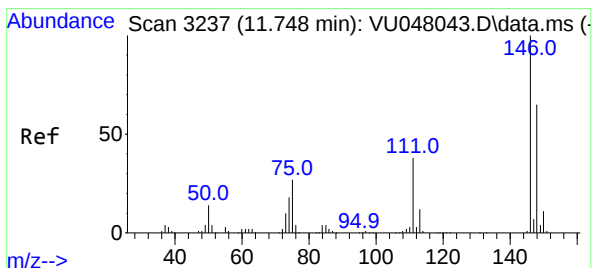
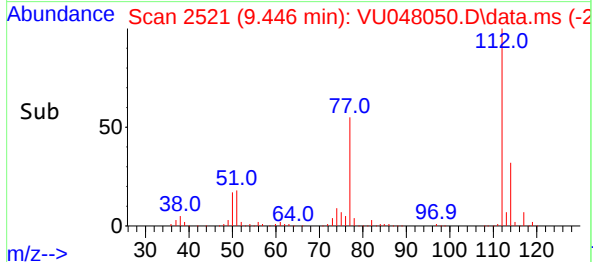
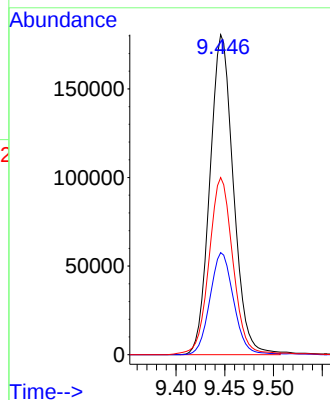
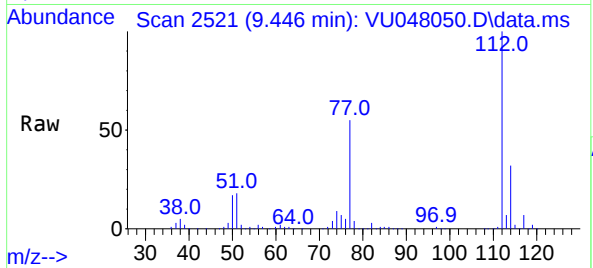




#51
Chlorobenzene
Concen: 39.753 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048050.D
Acq: 14 Apr 2022 12:09

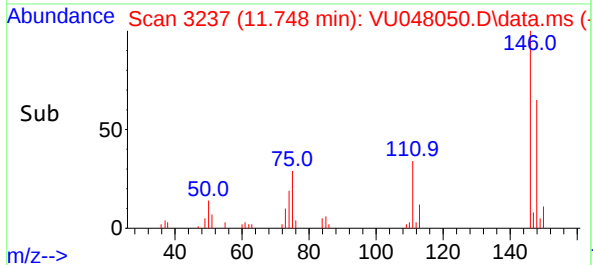
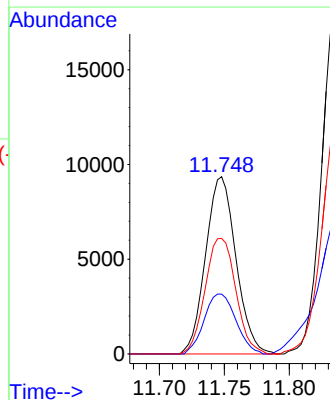
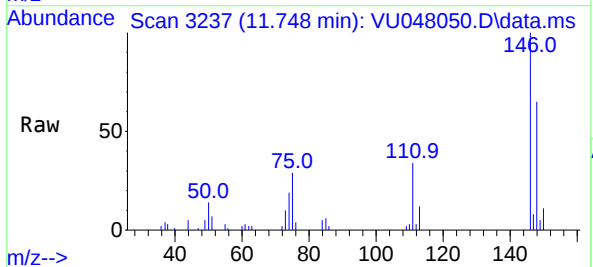
Instrument :
MSVOA_U
ClientSampleId :
C0JB0

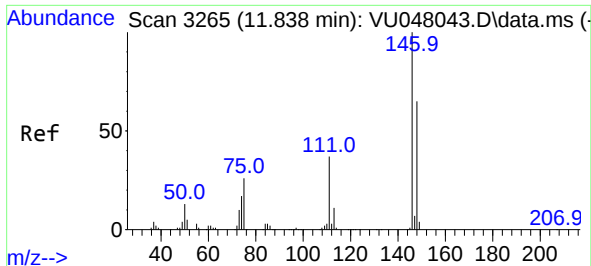
Tgt Ion:112 Resp: 303556
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 55.3 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 2.787 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU048050.D
Acq: 14 Apr 2022 12:09

Tgt Ion:146 Resp: 15224
Ion Ratio Lower Upper
146 100
111 33.8 26.7 49.7
148 65.2 44.4 82.5

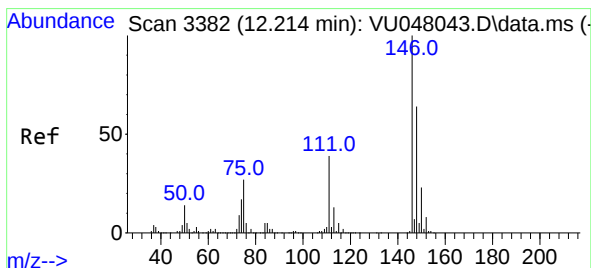
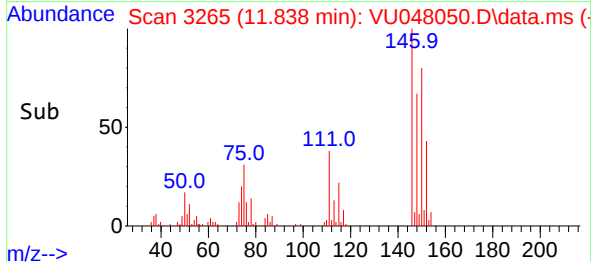
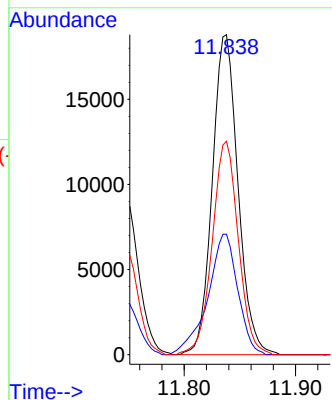
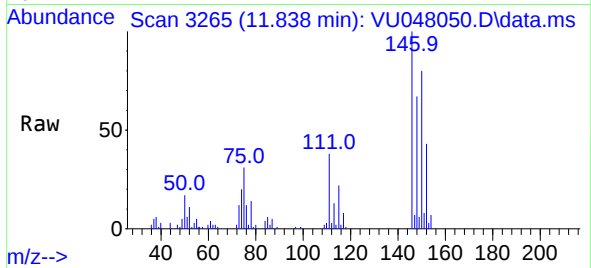




#65
1,4-Dichlorobenzene
Concen: 5.331 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048050.D
Acq: 14 Apr 2022 12:09

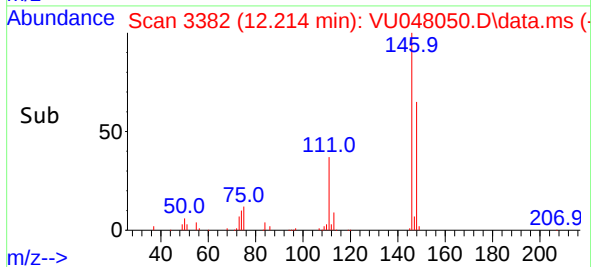
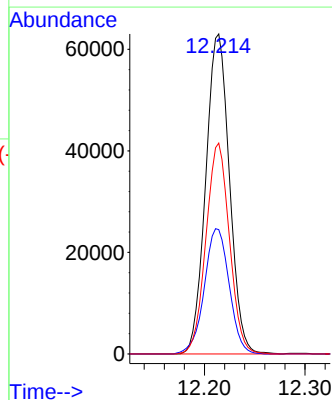
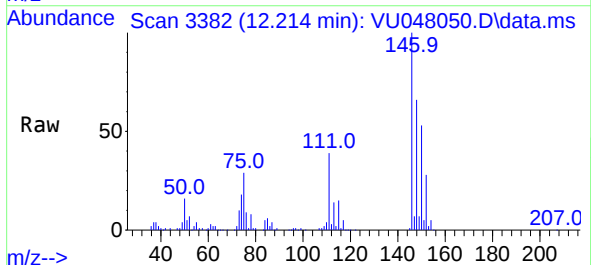
Instrument :
MSVOA_U
ClientSampleId :
C0JB0

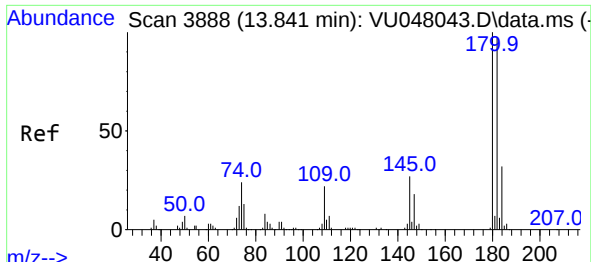
Tgt Ion:146 Resp: 30160
Ion Ratio Lower Upper
146 100
111 37.7 25.3 47.1
148 66.7 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 18.915 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU048050.D
Acq: 14 Apr 2022 12:09

Tgt Ion:146 Resp: 103381
Ion Ratio Lower Upper
146 100
111 38.8 31.7 47.5
148 65.9 51.4 77.2





#70

1,2,4-trichlorobenzene

Concen: 4.154 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.003 min

Lab File: VU048050.D

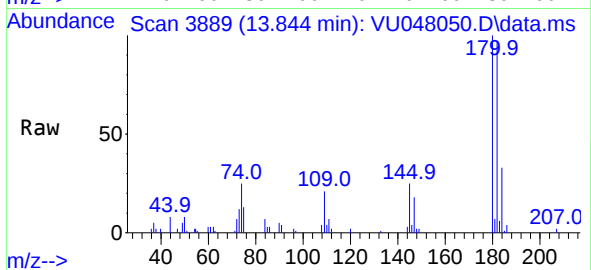
Acq: 14 Apr 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

C0JB0



Tgt Ion:180 Resp: 16140

Ion Ratio Lower Upper

180 100

182 93.4 76.2 114.2

145 25.7 21.8 32.8

