

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042322\
 Data File : VU048250.D
 Acq On : 23 Apr 2022 16:49
 Operator : SY/MD
 Sample : N2488-09DL 1000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HZ1DL

Quant Time: Apr 25 01:27:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 25 01:24:32 2022
 Response via : Initial Calibration

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

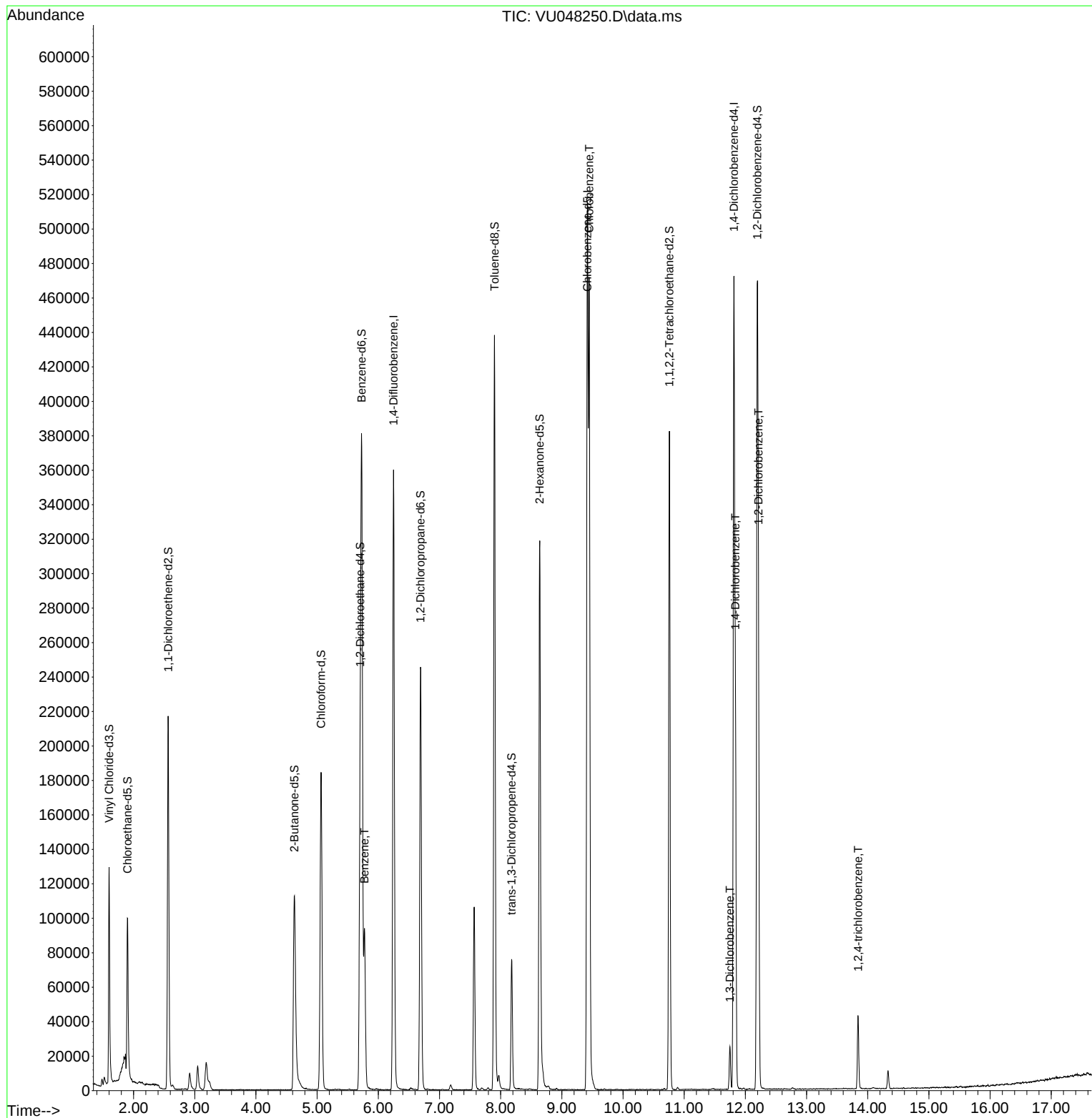
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	305934	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	299112	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	131969	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	103343	46.582	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.160%
7) Chloroethane-d5	1.900	69	80167	45.828	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.660%
11) 1,1-Dichloroethene-d2	2.565	63	124425	30.654	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.300%
21) 2-Butanone-d5	4.626	46	166664	87.524	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.520%
24) Chloroform-d	5.064	84	176858	43.568	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.140%
26) 1,2-Dichloroethane-d4	5.703	65	112562	45.212	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.420%
32) Benzene-d6	5.729	84	364616	48.444	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.880%
36) 1,2-Dichloropropane-d6	6.690	67	122118	52.832	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.660%
41) Toluene-d8	7.899	98	299595	40.856	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.720%
43) trans-1,3-Dichloroprop...	8.179	79	42971	36.695	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.400%
47) 2-Hexanone-d5	8.636	63	105518	77.981	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.980%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	192801	48.603	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	117703	50.132	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.260%
Target Compounds						
					Qvalue	
33) Benzene	5.774	78	89931	10.387	ug/L	100
51) Chlorobenzene	9.446	112	253324	39.274	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	11082	2.795	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	90829	22.120	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	104212	26.272	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	15042	5.334	ug/L	99

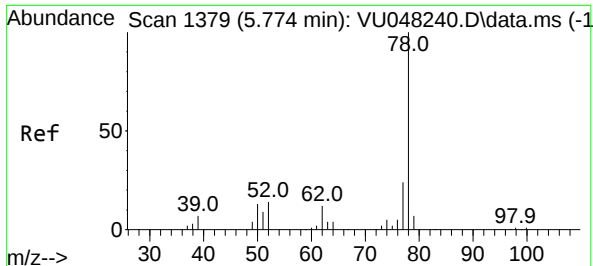
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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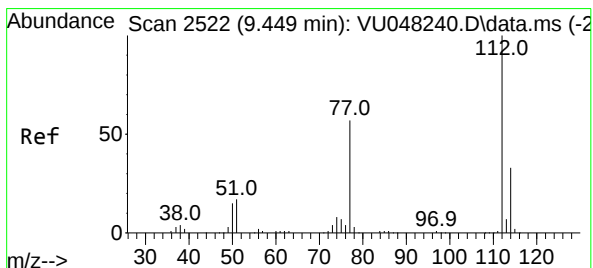
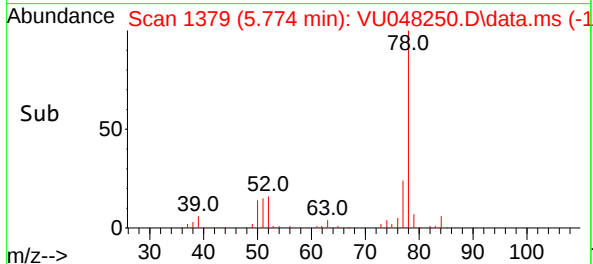
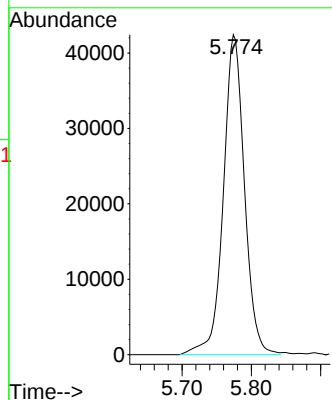
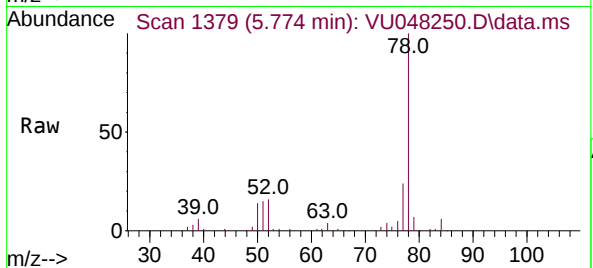




#33
Benzene
Concen: 10.387 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048250.D
Acq: 23 Apr 2022 16:49

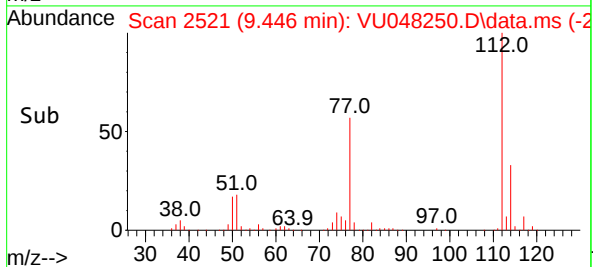
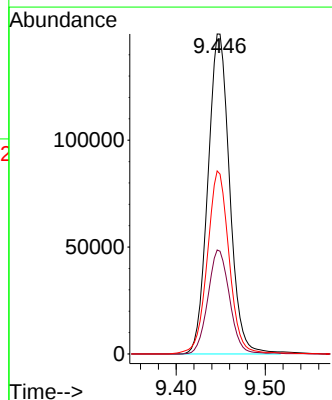
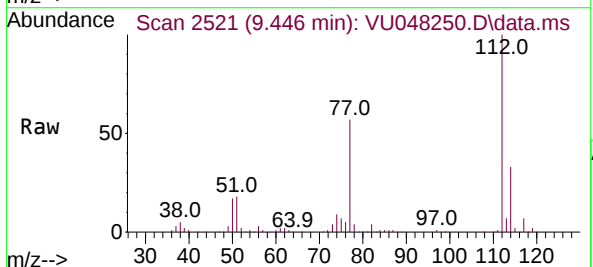
Instrument :
MSVOA_U
ClientSampleId :
C0HZ1DL

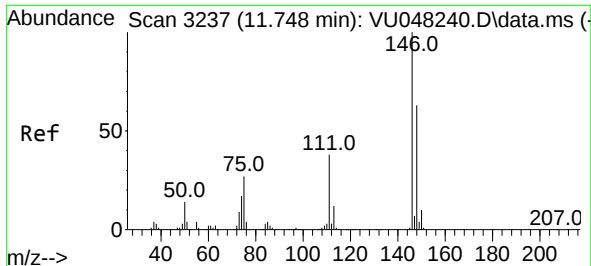
Tgt Ion: 78 Resp: 89931



#51
Chlorobenzene
Concen: 39.274 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048250.D
Acq: 23 Apr 2022 16:49

Tgt Ion: 112 Resp: 253324
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 57.2 43.4 65.0

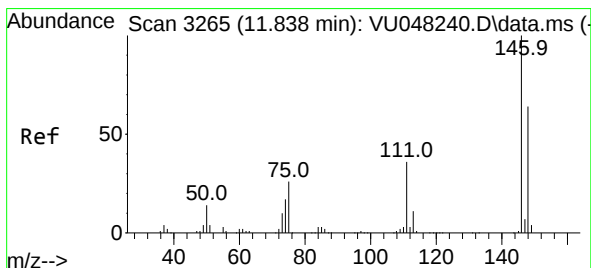
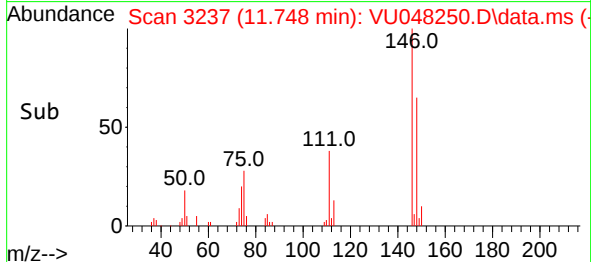
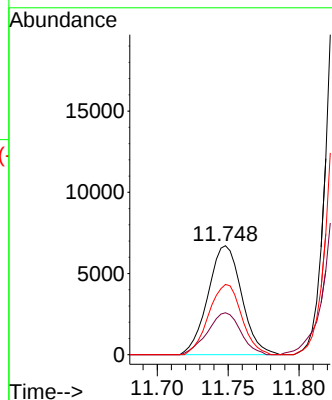
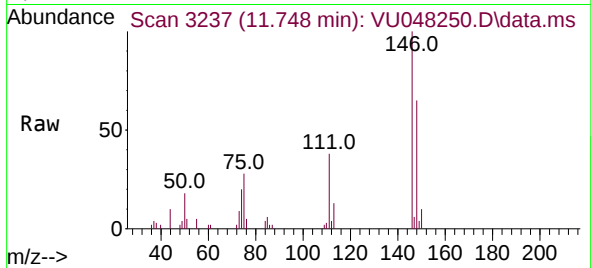




#64
1,3-Dichlorobenzene
Concen: 2.795 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048250.D
Acq: 23 Apr 2022 16:49

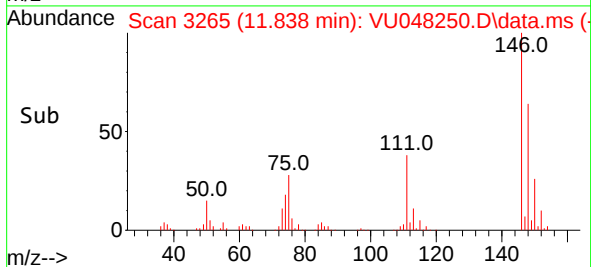
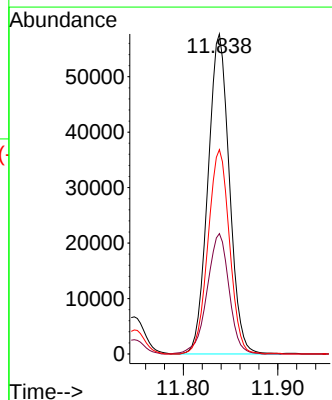
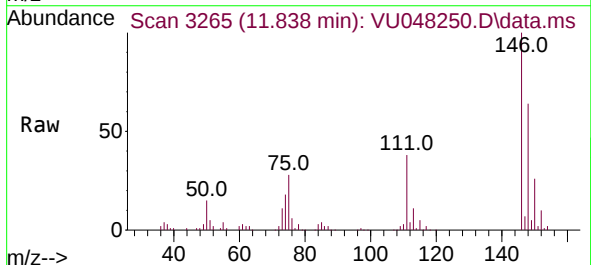
Instrument :
MSVOA_U
ClientSampleId :
C0HZ1DL

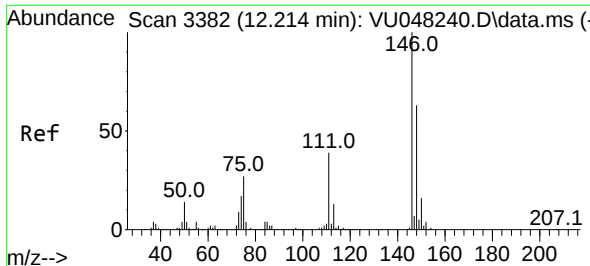
Tgt Ion:146 Resp: 11082
Ion Ratio Lower Upper
146 100
111 38.4 26.7 49.7
148 64.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 22.120 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048250.D
Acq: 23 Apr 2022 16:49

Tgt Ion:146 Resp: 90829
Ion Ratio Lower Upper
146 100
111 37.6 25.3 47.1
148 63.9 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 26.272 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048250.D

Acq: 23 Apr 2022 16:49

Instrument :

MSVOA_U

ClientSampleId :

C0HZ1DL

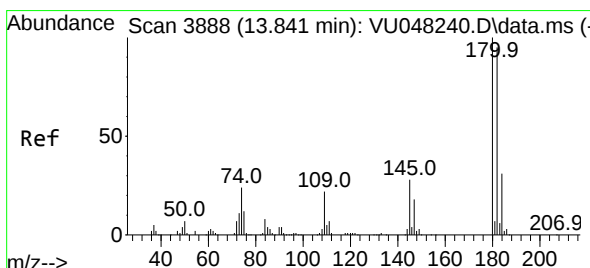
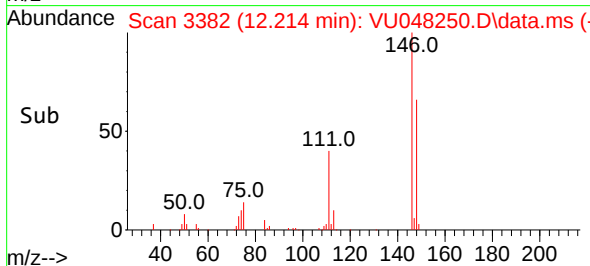
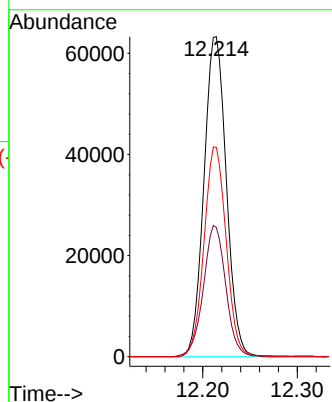
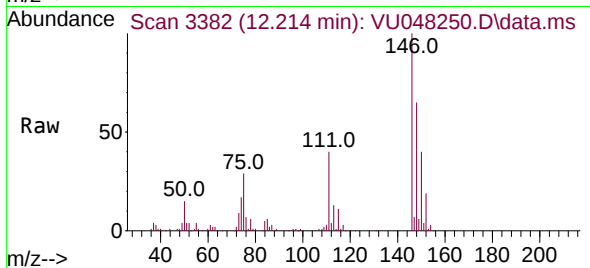
Tgt Ion:146 Resp: 104212

Ion Ratio Lower Upper

146 100

111 40.4 31.7 47.5

148 65.5 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 5.334 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU048250.D

Acq: 23 Apr 2022 16:49

Tgt Ion:180 Resp: 15042

Ion Ratio Lower Upper

180 100

182 94.5 76.2 114.2

145 27.3 21.8 32.8

