

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048216.D
 Acq On : 22 Apr 2022 11:42
 Operator : SY/MD
 Sample : N2485-16DL 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J23DL

Quant Time: Apr 22 22:00:33 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)

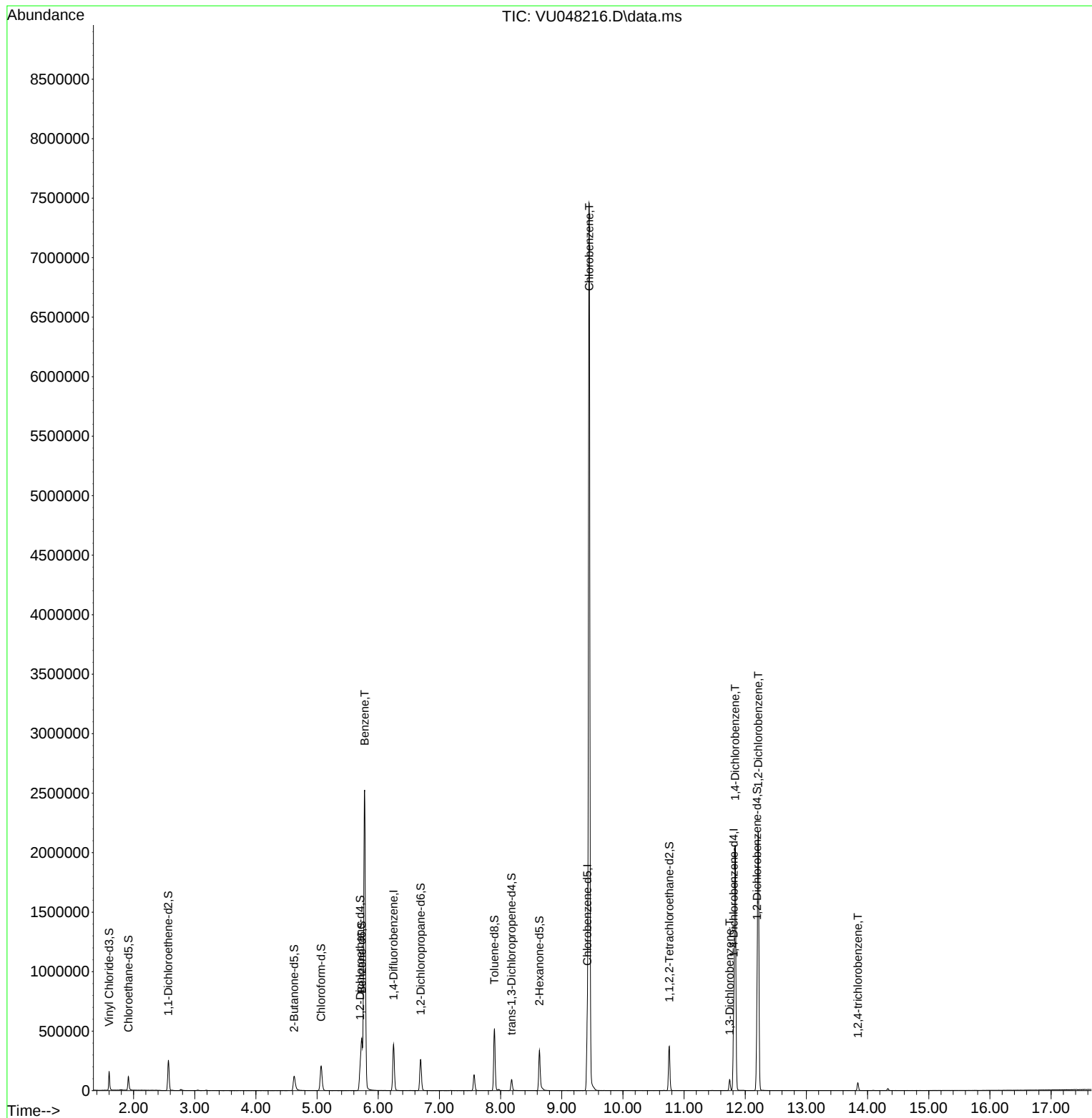
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	330885	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	330652	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	174604	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	120631	50.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.540%
7) Chloroethane-d5	1.915	69	93149	49.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.460%
11) 1,1-Dichloroethene-d2	2.568	63	146715	33.420	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.840%
21) 2-Butanone-d5	4.623	46	170889	82.976	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.980%
24) Chloroform-d	5.066	84	195705	44.576	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.160%
26) 1,2-Dichloroethane-d4	5.703	65	121859	45.255	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.520%
32) Benzene-d6	5.729	84	411991	49.517	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.040%
36) 1,2-Dichloropropane-d6	6.693	67	132298	51.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.560%
41) Toluene-d8	7.899	98	355949	43.910	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.820%
43) trans-1,3-Dichloroprop...	8.179	79	55266	42.693	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.380%
47) 2-Hexanone-d5	8.635	63	114802	76.749	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.750%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	189509	43.216	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.440%
66) 1,2-Dichlorobenzene-d4	12.195	152	151250	48.690	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.380%
Target Compounds						
					Qvalue	
33) Benzene	5.777	78	2482624	259.395	ug/L	100
51) Chlorobenzene	9.449	112	4183144	586.665	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	40096	7.645	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	865860	159.378	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	885509	168.729	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	23164	6.208	ug/L	99

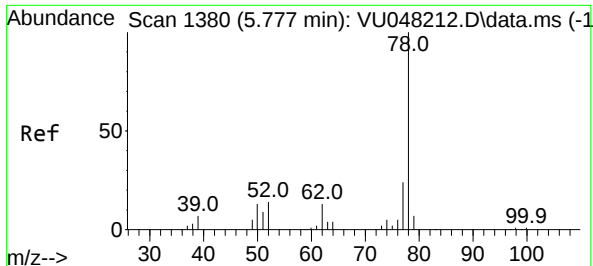
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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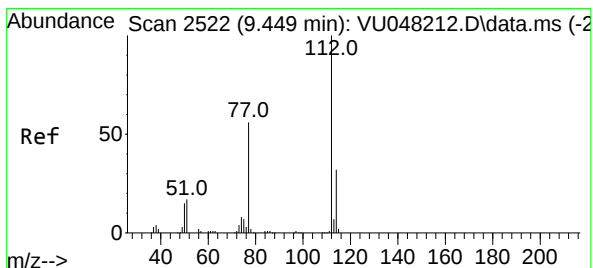
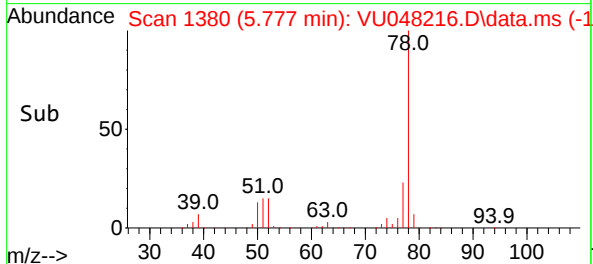
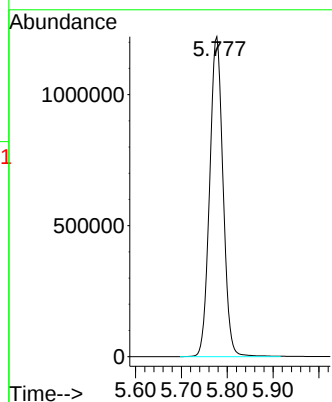
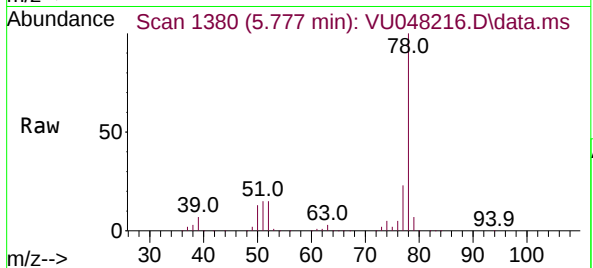




#33
Benzene
Concen: 259.395 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048216.D
Acq: 22 Apr 2022 11:42

Instrument :
MSVOA_U
ClientSampleId :
C0J23DL

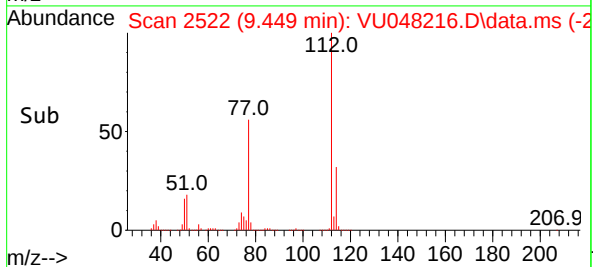
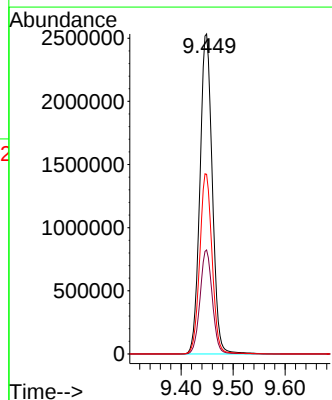
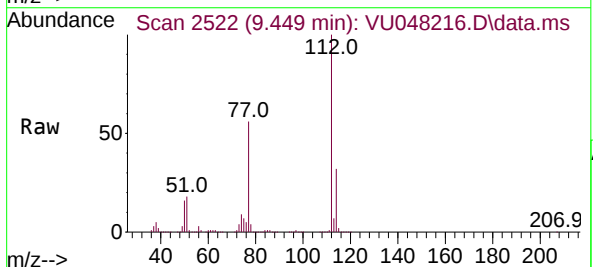
Tgt Ion: 78 Resp: 2482624

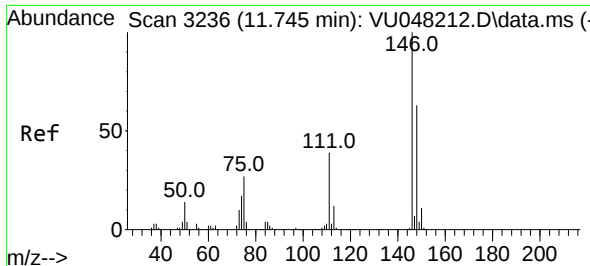


#51
Chlorobenzene
Concen: 586.665 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU048216.D
Acq: 22 Apr 2022 11:42

Tgt Ion: 112 Resp: 4183144

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.1	41.1
77	56.1	43.4	65.0

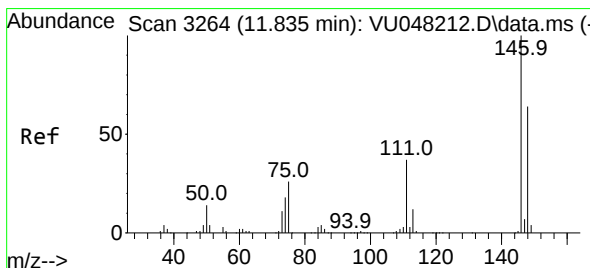
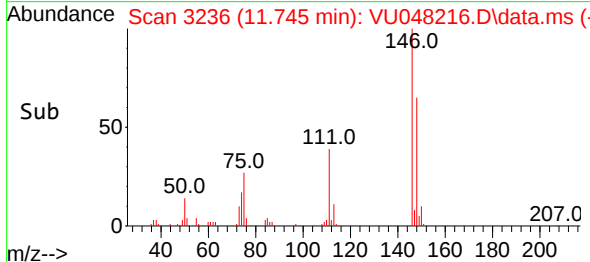
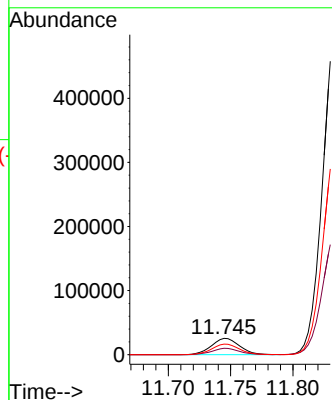
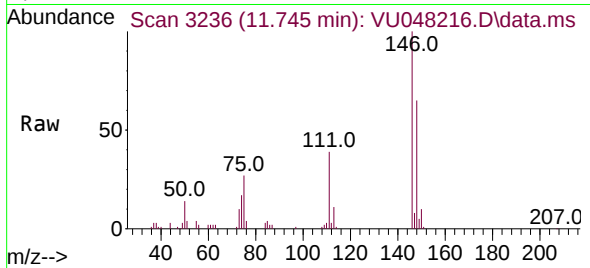




#64
1,3-Dichlorobenzene
Concen: 7.645 ug/L
RT: 11.745 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU048216.D
Acq: 22 Apr 2022 11:42

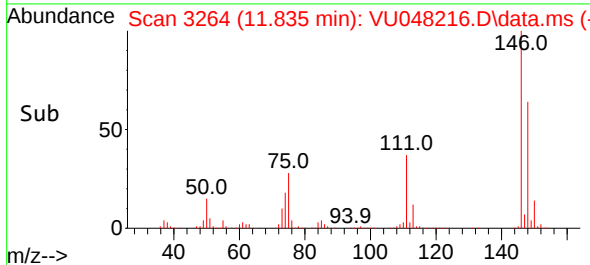
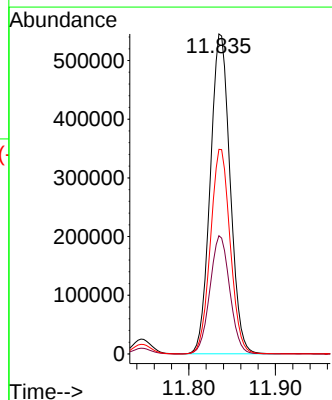
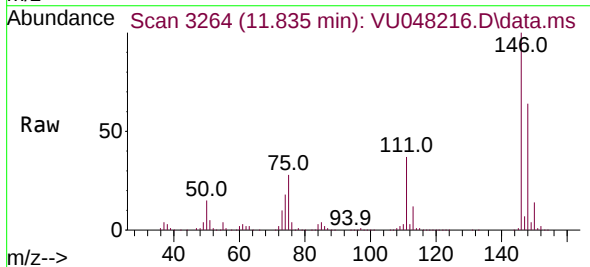
Instrument :
MSVOA_U
ClientSampleId :
C0J23DL

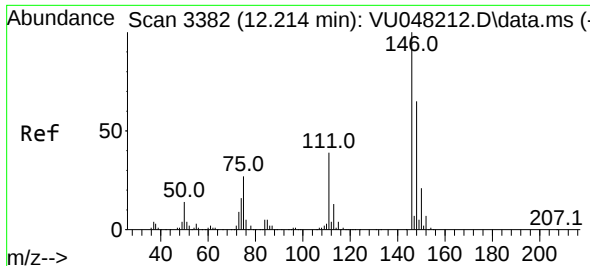
Tgt Ion:146 Resp: 40096
Ion Ratio Lower Upper
146 100
111 39.1 26.7 49.7
148 64.7 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 159.378 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU048216.D
Acq: 22 Apr 2022 11:42

Tgt Ion:146 Resp: 865860
Ion Ratio Lower Upper
146 100
111 36.9 25.3 47.1
148 64.0 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 168.729 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048216.D

Acq: 22 Apr 2022 11:42

Instrument :

MSVOA_U

ClientSampleId :

C0J23DL

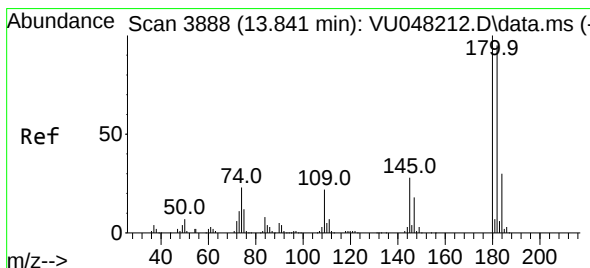
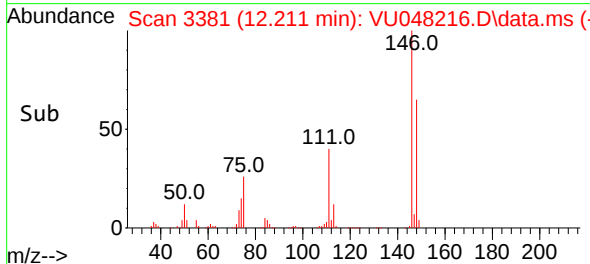
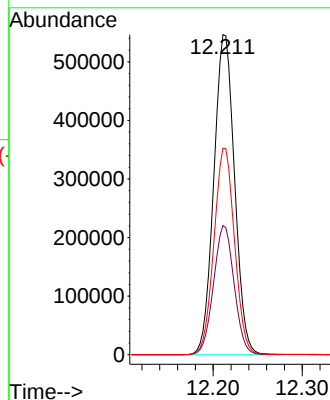
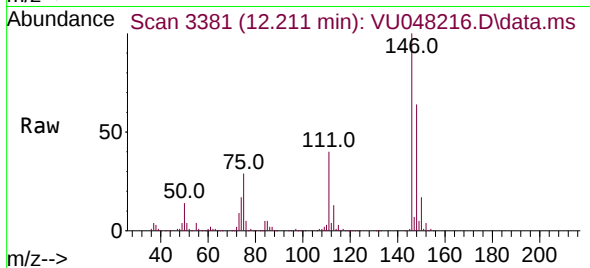
Tgt Ion:146 Resp: 885509

Ion Ratio Lower Upper

146 100

111 40.4 31.7 47.5

148 64.5 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 6.208 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU048216.D

Acq: 22 Apr 2022 11:42

Tgt Ion:180 Resp: 23164

Ion Ratio Lower Upper

180 100

182 94.3 76.2 114.2

145 27.2 21.8 32.8

