

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048218.D
 Acq On : 22 Apr 2022 12:29
 Operator : SY/MD
 Sample : N2488-03 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JA9

Quant Time: Apr 22 22:00:57 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)

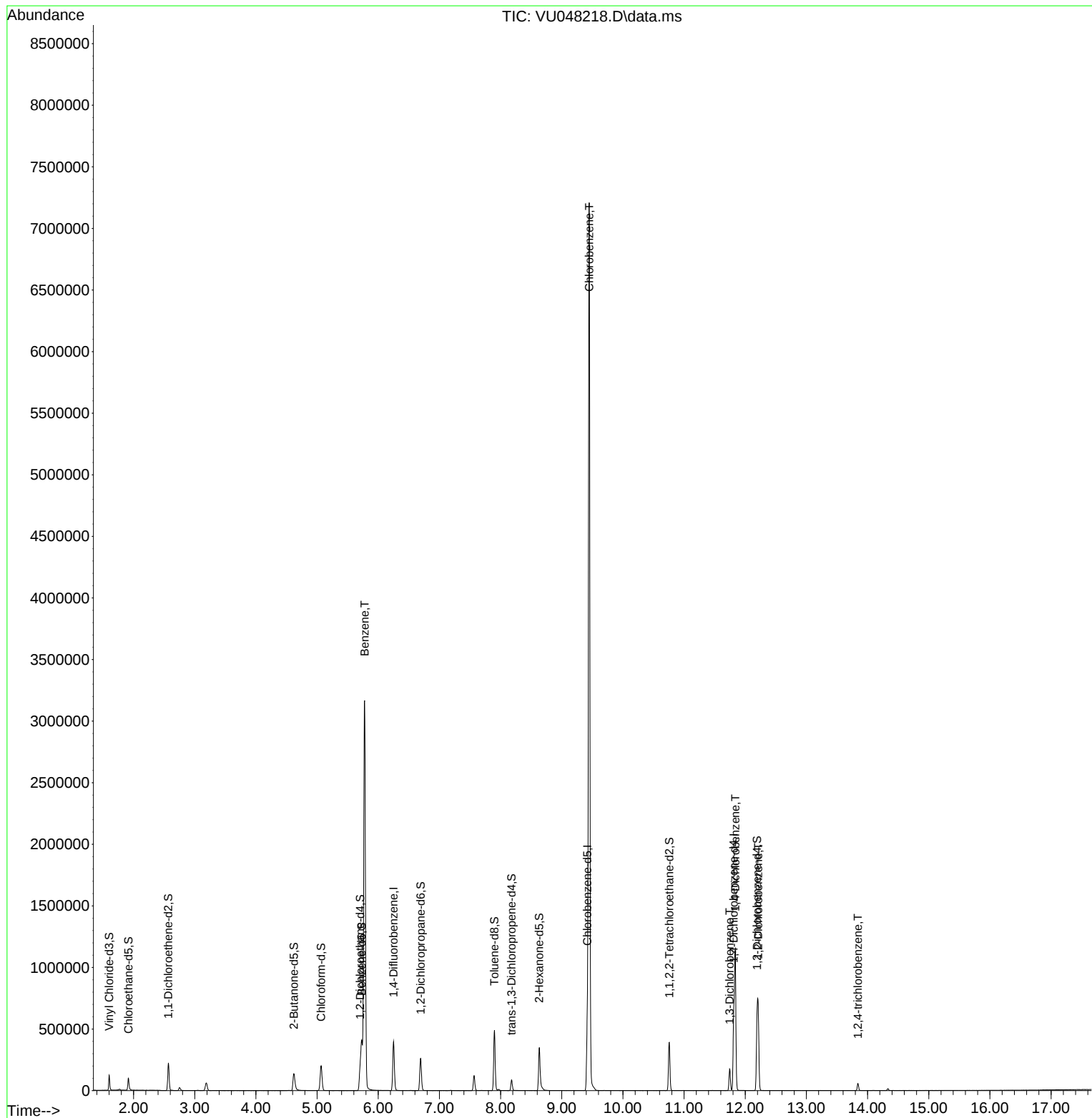
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	337718	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	342434	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	174584	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	91165	37.225	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.460%
7) Chloroethane-d5	1.916	69	80218	41.541	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.080%
11) 1,1-Dichloroethene-d2	2.568	63	127001	28.344	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.680%#
21) 2-Butanone-d5	4.620	46	187704	89.296	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.300%
24) Chloroform-d	5.066	84	192786	43.023	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.040%
26) 1,2-Dichloroethane-d4	5.703	65	121167	44.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.180%
32) Benzene-d6	5.729	84	391835	45.474	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.940%
36) 1,2-Dichloropropane-d6	6.693	67	132029	49.893	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.780%
41) Toluene-d8	7.899	98	331717	39.513	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.020%#
43) trans-1,3-Dichloroprop...	8.179	79	50492	37.663	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.320%
47) 2-Hexanone-d5	8.632	63	120403	77.724	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	203025	44.705	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.420%
66) 1,2-Dichlorobenzene-d4	12.192	152	151651	48.825	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.640%
Target Compounds						
					Qvalue	
33) Benzene	5.777	78	3112055	313.973	ug/L	100
51) Chlorobenzene	9.449	112	4039301	547.000	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	77998	14.873	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	459486	84.587	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	251175	47.866	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	20530	5.503	ug/L	100

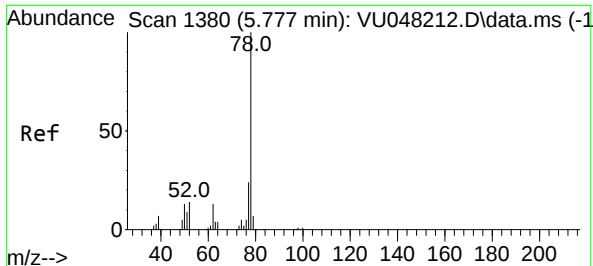
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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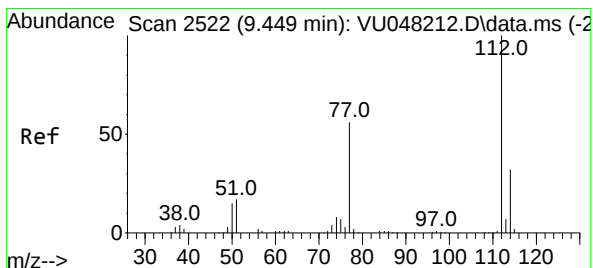
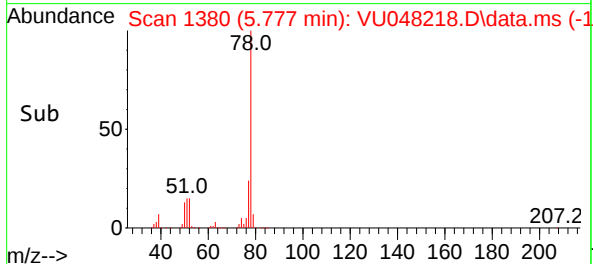
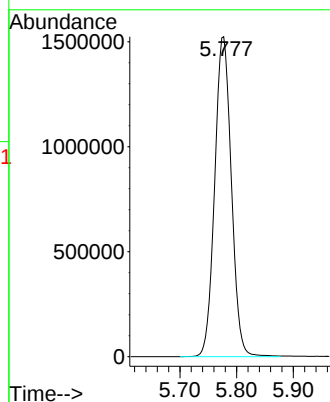
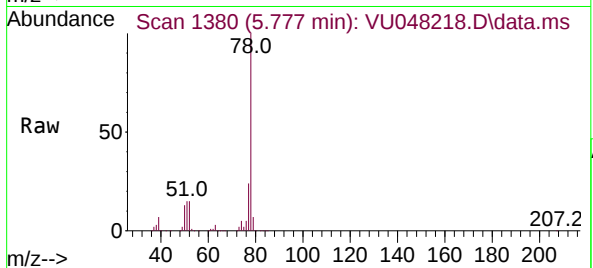




#33
Benzene
Concen: 313.973 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048218.D
Acq: 22 Apr 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
C0JA9

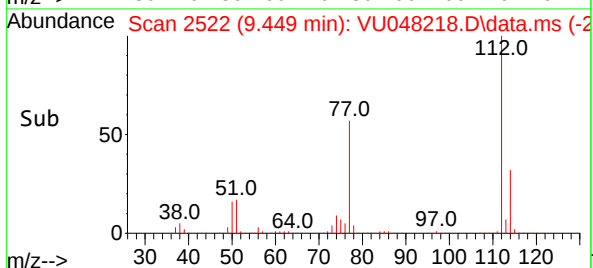
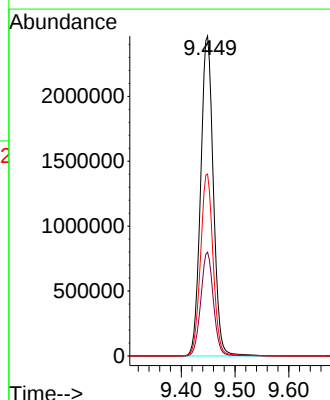
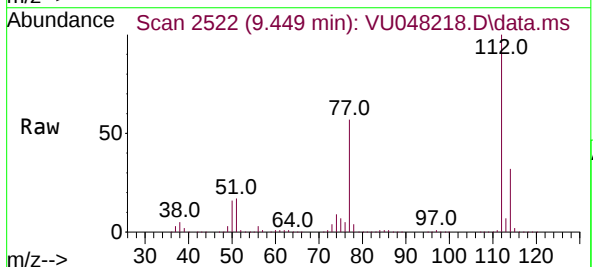
Tgt Ion: 78 Resp: 3112055

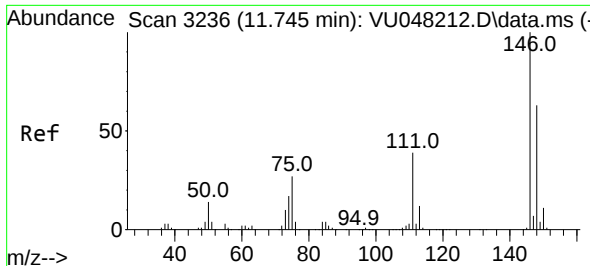


#51
Chlorobenzene
Concen: 547.000 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU048218.D
Acq: 22 Apr 2022 12:29

Tgt Ion: 112 Resp: 4039301

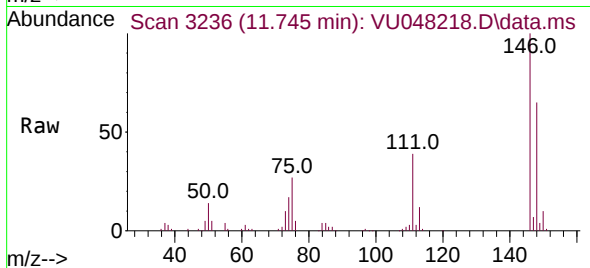
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.1	41.1
77	56.8	43.4	65.0



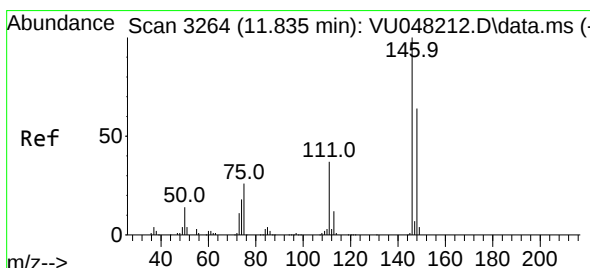
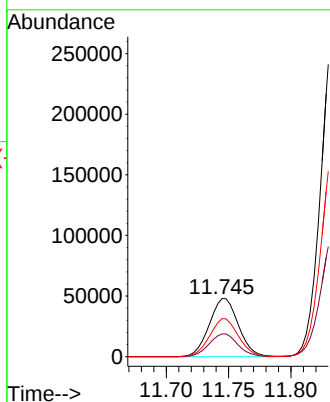
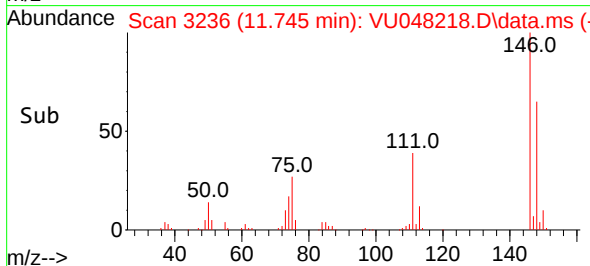


#64
1,3-Dichlorobenzene
Concen: 14.873 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048218.D
Acq: 22 Apr 2022 12:29

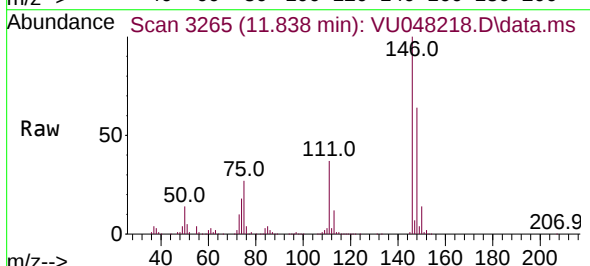
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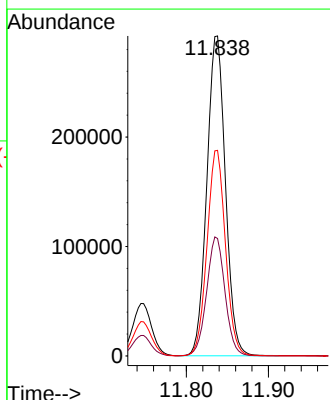
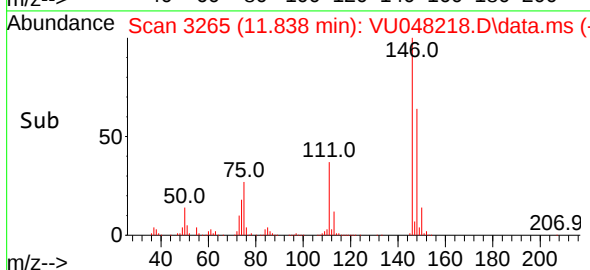
Tgt Ion:146 Resp: 77998
Ion Ratio Lower Upper
146 100
111 39.1 26.7 49.7
148 65.5 44.4 82.5

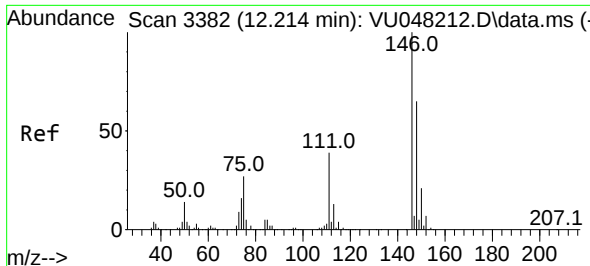


#65
1,4-Dichlorobenzene
Concen: 84.587 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048218.D
Acq: 22 Apr 2022 12:29



Tgt Ion:146 Resp: 459486
Ion Ratio Lower Upper
146 100
111 36.7 25.3 47.1
148 64.3 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 47.866 ug/L

RT: 12.211 min Scan# 3382

Delta R.T. -0.003 min

Lab File: VU048218.D

Acq: 22 Apr 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

C0JA9

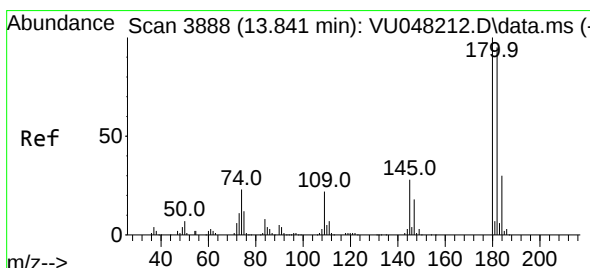
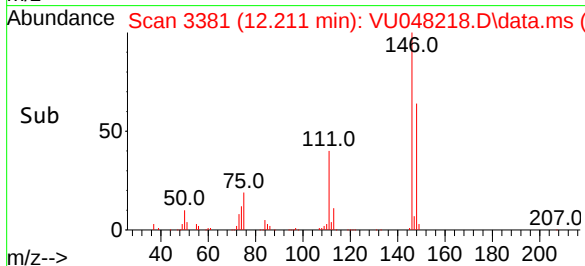
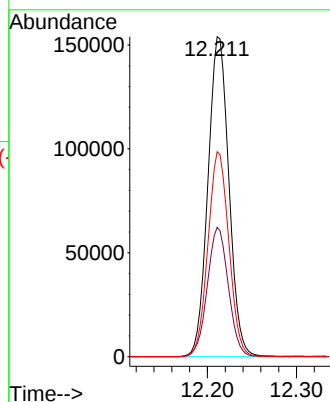
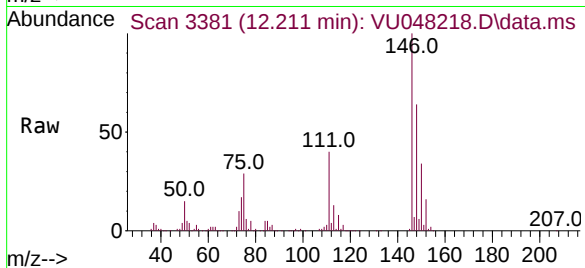
Tgt Ion:146 Resp: 251175

Ion Ratio Lower Upper

146 100

111 40.4 31.7 47.5

148 64.1 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 5.503 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU048218.D

Acq: 22 Apr 2022 12:29

Tgt Ion:180 Resp: 20530

Ion Ratio Lower Upper

180 100

182 95.4 76.2 114.2

145 27.9 21.8 32.8

