

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048178.D
 Acq On : 21 Apr 2022 17:16
 Operator : SY/MD
 Sample : N2486-20 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J62

Quant Time: Apr 22 01:52:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 01:48:00 2022
 Response via : Initial Calibration

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

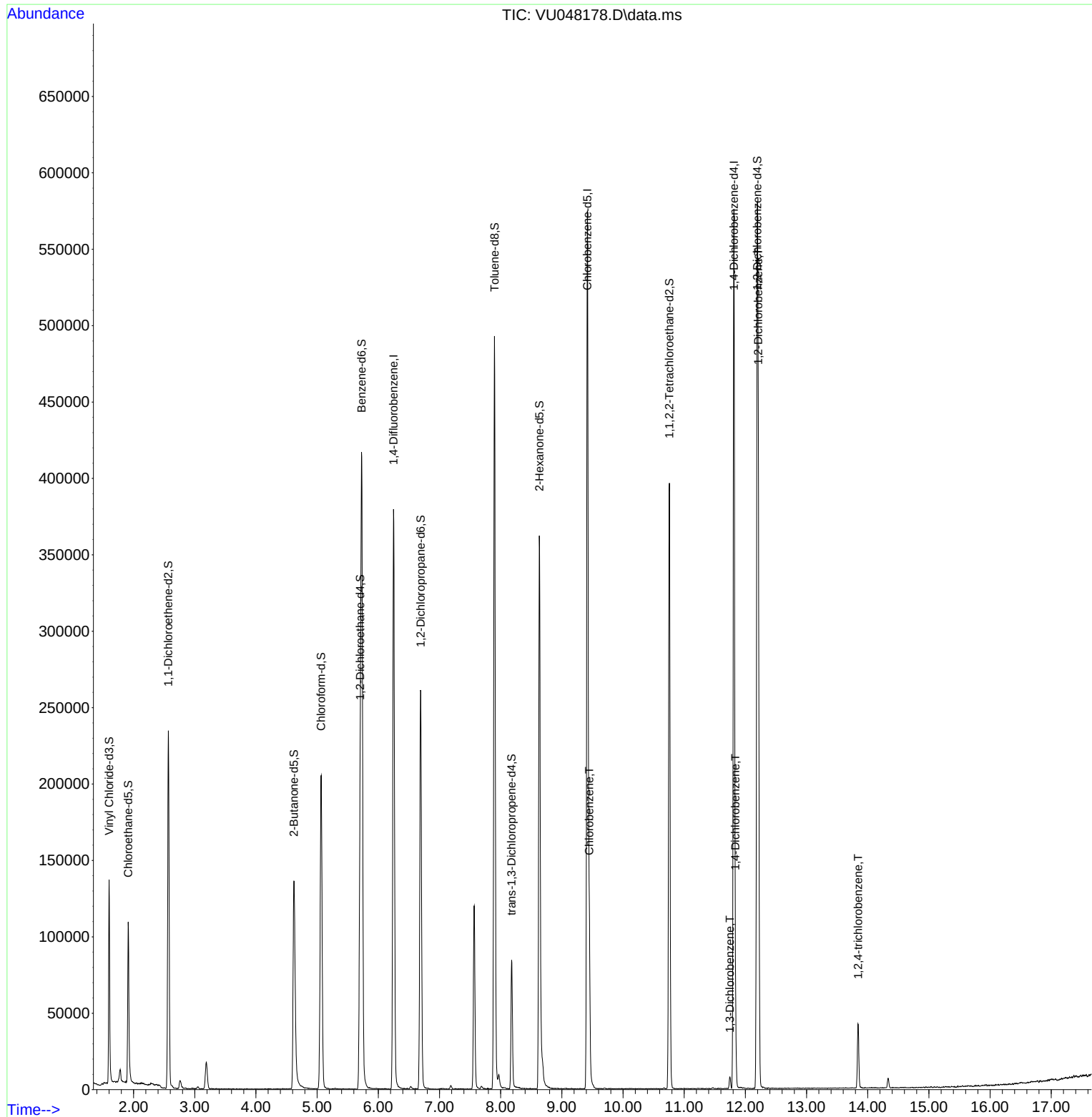
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	322668	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	342688	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	162821	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	101201	43.251	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.500%
7) Chloroethane-d5	1.912	69	84966	46.052	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.100%
11) 1,1-Dichloroethene-d2	2.568	63	131945	30.821	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.640%
21) 2-Butanone-d5	4.620	46	182972	91.105	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.100%
24) Chloroform-d	5.067	84	196142	45.813	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.620%
26) 1,2-Dichloroethane-d4	5.703	65	121732	46.359	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.720%
32) Benzene-d6	5.729	84	397321	46.077	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.160%
36) 1,2-Dichloropropane-d6	6.694	67	132261	49.944	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.880%
41) Toluene-d8	7.899	98	337805	40.208	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.420%
43) trans-1,3-Dichloroprop...	8.179	79	49369	36.798	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.600%
47) 2-Hexanone-d5	8.632	63	122196	78.823	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.820%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	200381	44.090	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.180%
66) 1,2-Dichlorobenzene-d4	12.195	152	142702	49.263	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.520%
Target Compounds						
					Qvalue	
51) Chlorobenzene	9.449	112	60613	8.202	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	4025	0.823	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	21359	4.216	ug/L	93
67) 1,2-Dichlorobenzene	12.211	146	135325	27.652	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	15719	4.518	ug/L	100

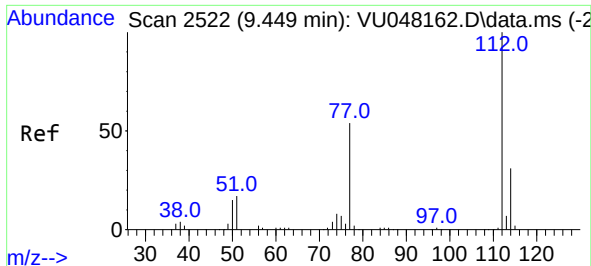
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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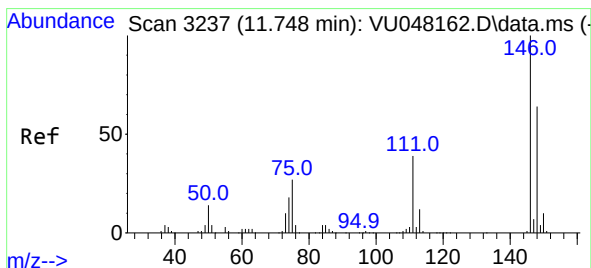
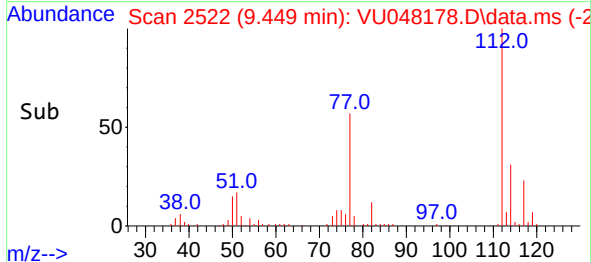
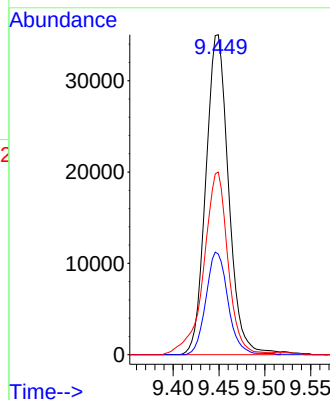
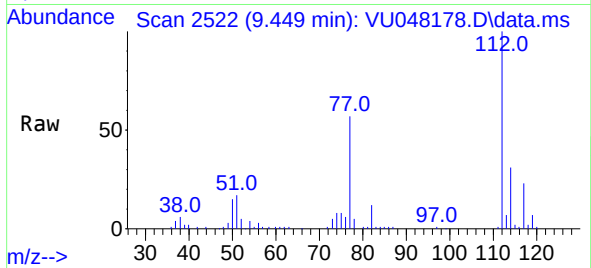




#51
Chlorobenzene
Concen: 8.202 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048178.D
Acq: 21 Apr 2022 17:16

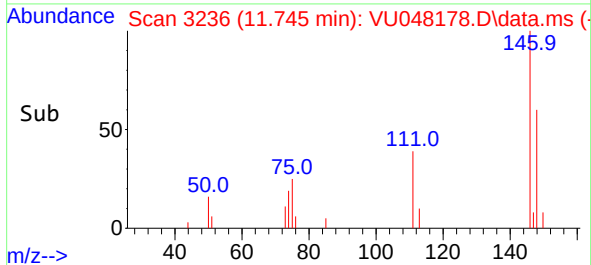
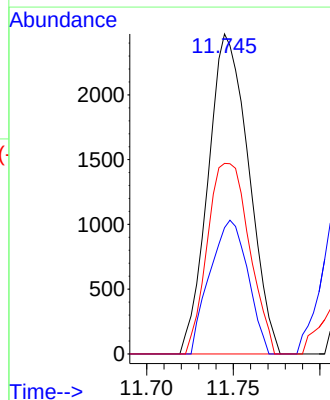
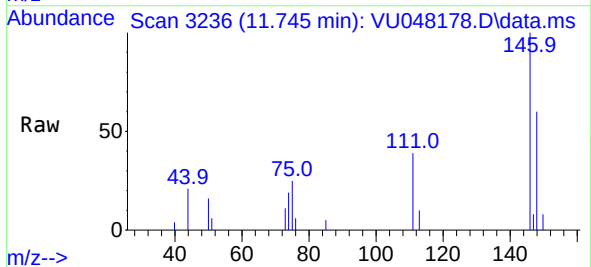
Instrument :
MSVOA_U
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C0J62

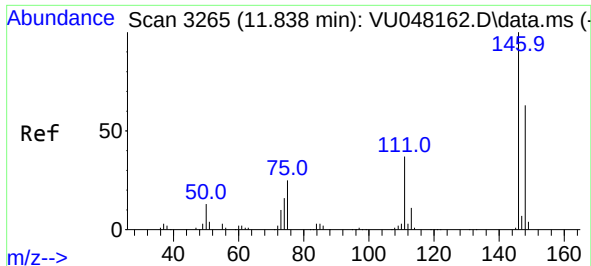
Tgt Ion:112 Resp: 60613
Ion Ratio Lower Upper
112 100
114 31.4 22.1 41.1
77 57.1 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 0.823 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU048178.D
Acq: 21 Apr 2022 17:16

Tgt Ion:146 Resp: 4025
Ion Ratio Lower Upper
146 100
111 39.5 26.7 49.7
148 59.6 44.4 82.5





#65

1,4-Dichlorobenzene

Concen: 4.216 ug/L

RT: 11.835 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048178.D

Acq: 21 Apr 2022 17:16

Instrument :

MSVOA_U

ClientSampleId :

C0J62

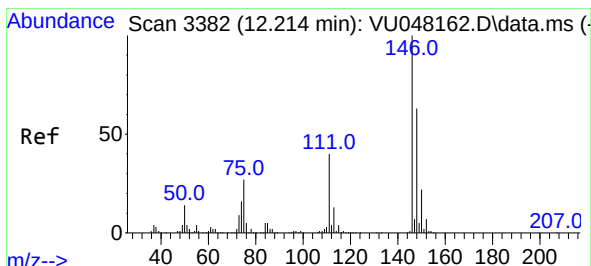
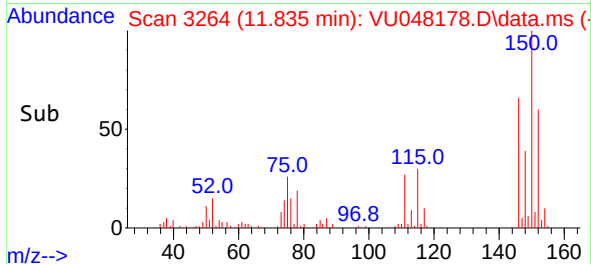
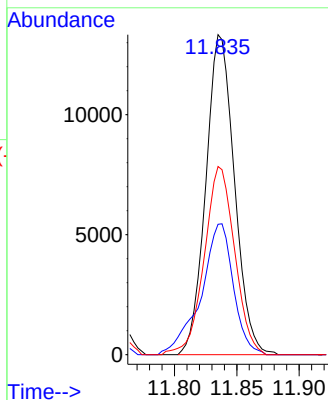
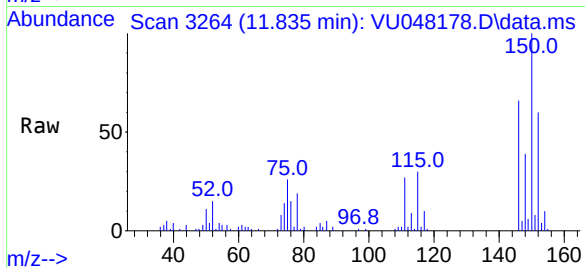
Tgt Ion:146 Resp: 21359

Ion Ratio Lower Upper

146 100

111 40.8 25.3 47.1

148 58.8 44.5 82.7



#67

1,2-Dichlorobenzene

Concen: 27.652 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.003 min

Lab File: VU048178.D

Acq: 21 Apr 2022 17:16

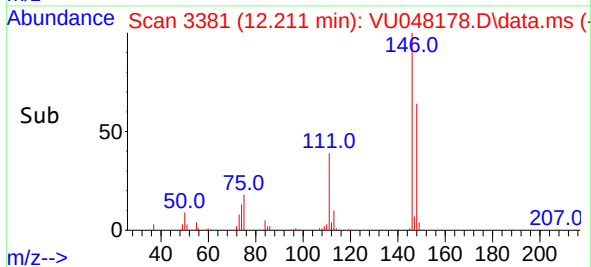
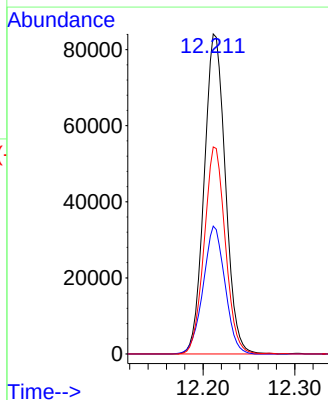
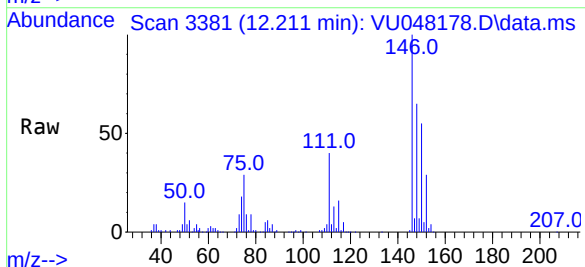
Tgt Ion:146 Resp: 135325

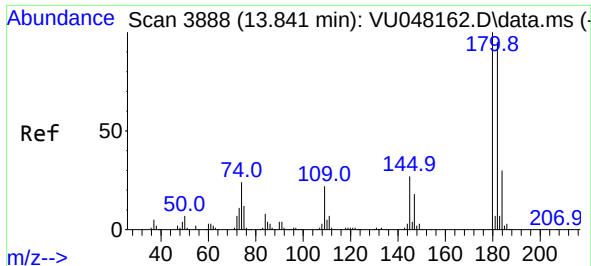
Ion Ratio Lower Upper

146 100

111 40.0 31.7 47.5

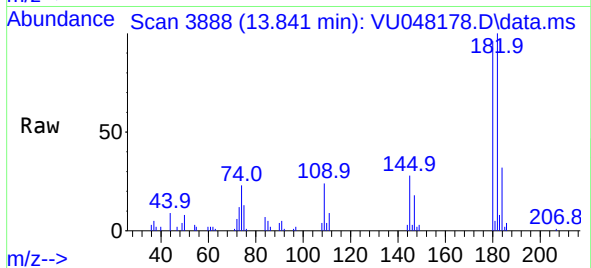
148 64.7 51.4 77.2





#70
1,2,4-trichlorobenzene
Concen: 4.518 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU048178.D
Acq: 21 Apr 2022 17:16

Instrument :
MSVOA_U
ClientSampleId :
C0J62



Tgt Ion:	180	Resp:	15719
Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.2
145	26.9	21.8	32.8

