

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048227.D
 Acq On : 22 Apr 2022 16:09
 Operator : SY/MD
 Sample : N2486-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J59

Quant Time: Apr 22 22:03:01 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)

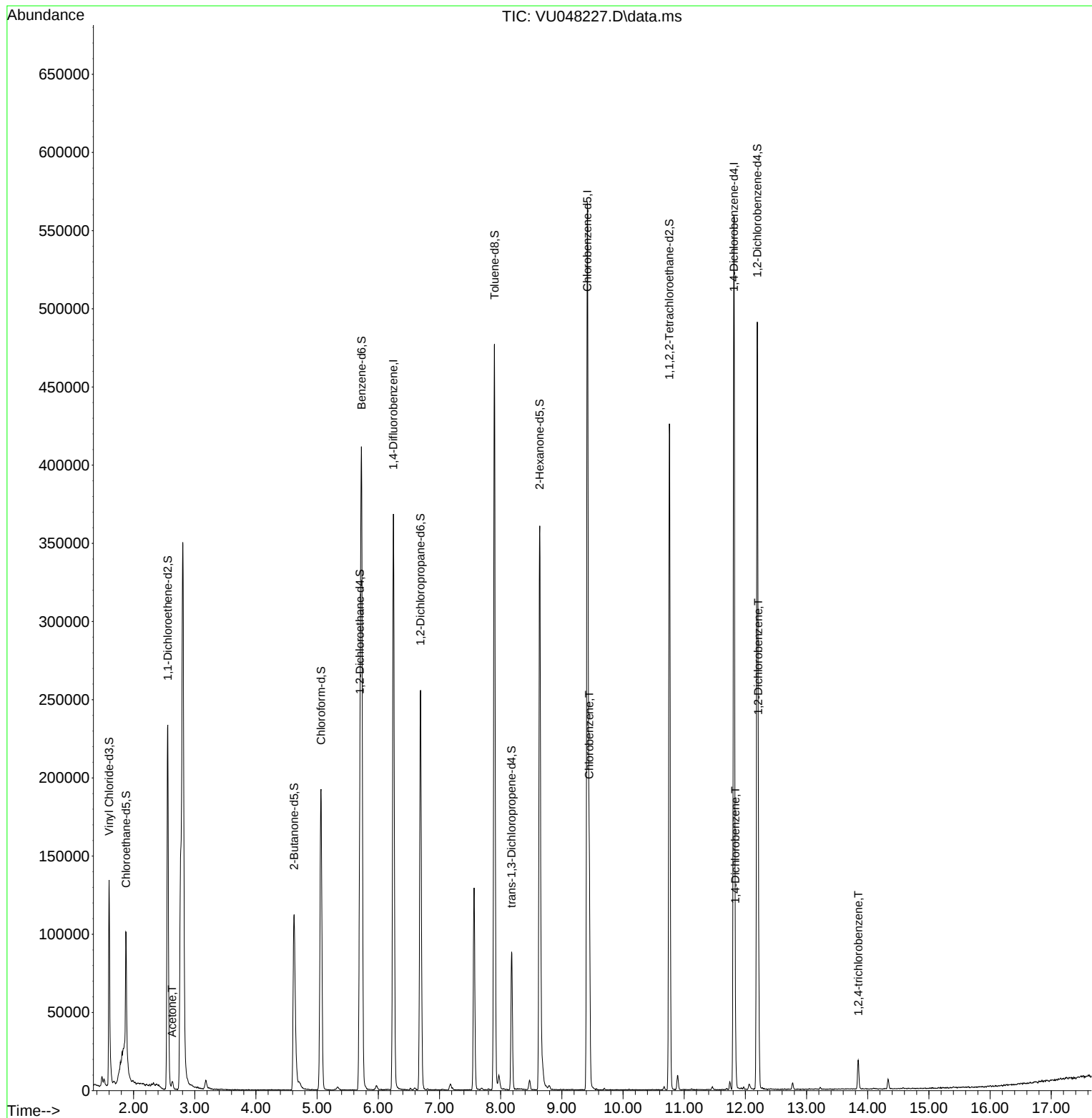
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	314979	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	330509	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	159106	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	111987	49.029	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	98.060%	
7) Chloroethane-d5	1.877	69	72935	40.496	ug/L	-0.04
Spiked Amount	50.000	Range 70 - 130	Recovery	=	81.000%	
11) 1,1-Dichloroethene-d2	2.559	63	137012	32.786	ug/L	-0.01
Spiked Amount	50.000	Range 60 - 125	Recovery	=	65.580%	
21) 2-Butanone-d5	4.623	46	174097	88.802	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	88.800%	
24) Chloroform-d	5.064	84	184515	44.149	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.300%	
26) 1,2-Dichloroethane-d4	5.700	65	117548	45.859	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.720%	
32) Benzene-d6	5.726	84	386733	46.502	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.000%	
36) 1,2-Dichloropropane-d6	6.690	67	127884	50.070	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	100.140%	
41) Toluene-d8	7.899	98	320312	39.531	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	79.060%#	
43) trans-1,3-Dichloroprop...	8.179	79	50965	39.387	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	78.780%	
47) 2-Hexanone-d5	8.636	63	129386	86.536	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	86.540%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	214027	48.828	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	97.660%	
66) 1,2-Dichlorobenzene-d4	12.195	152	138066	48.775	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	97.560%	
Target Compounds						
					Qvalue	
13) Acetone	2.630	43	5529	3.031	ug/L	98
51) Chlorobenzene	9.446	112	82260	11.542	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	8122	1.641	ug/L	94
67) 1,2-Dichlorobenzene	12.211	146	29308	6.128	ug/L	98
70) 1,2,4-trichlorobenzene	13.845	180	7033	2.069	ug/L	98

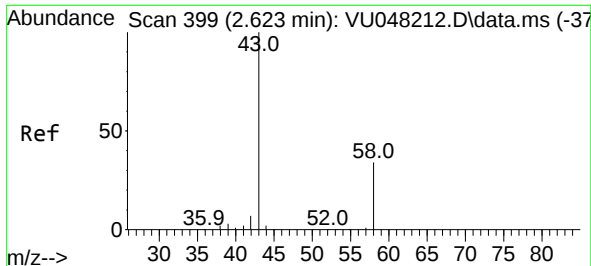
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.031 ug/L

RT: 2.630 min Scan# 401

Delta R.T. 0.007 min

Lab File: VU048227.D

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ClientSampleId :

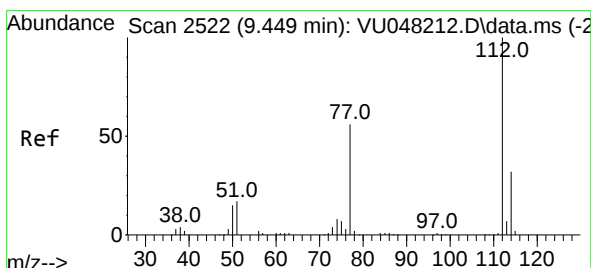
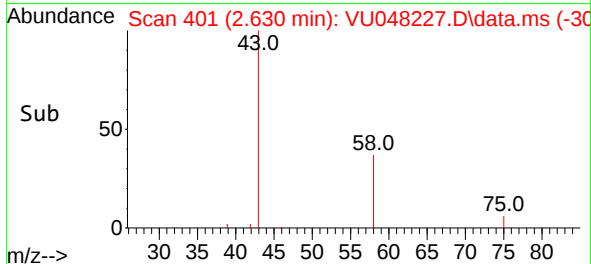
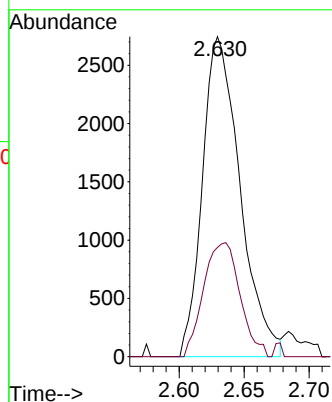
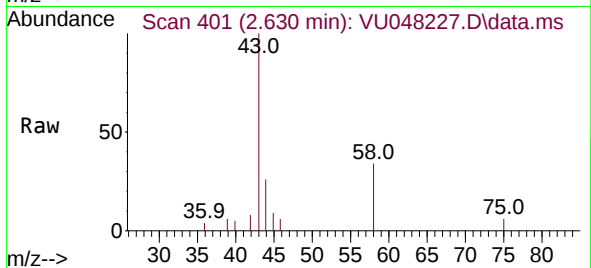
C0J59

Tgt Ion: 43 Resp: 5529

Ion Ratio Lower Upper

43 100

58 34.1 0.0 70.0



#51

Chlorobenzene

Concen: 11.542 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU048227.D

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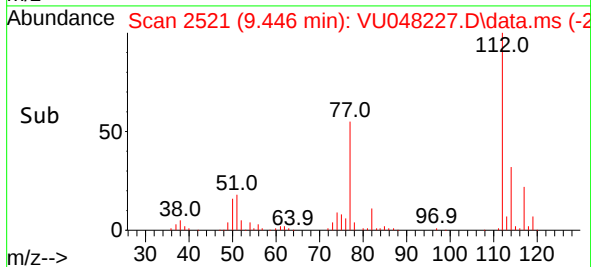
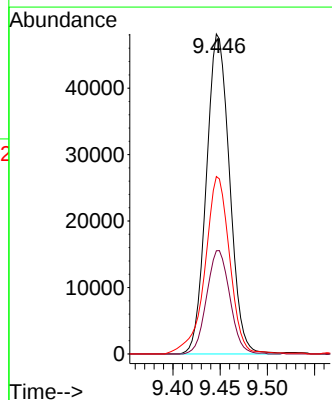
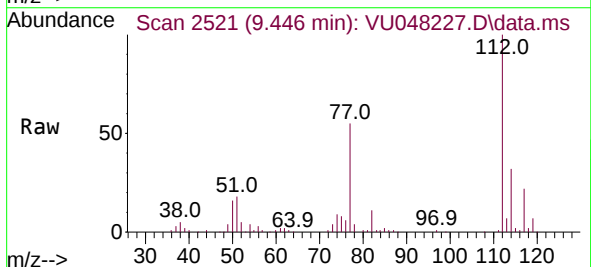
Tgt Ion: 112 Resp: 82260

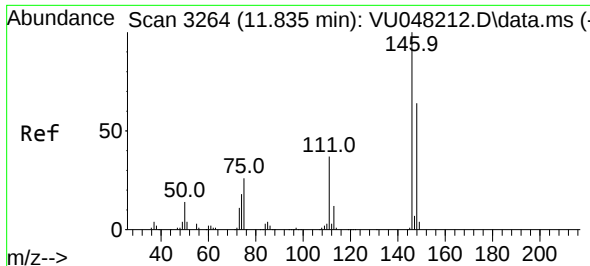
Ion Ratio Lower Upper

112 100

114 32.3 22.1 41.1

77 55.5 43.4 65.0

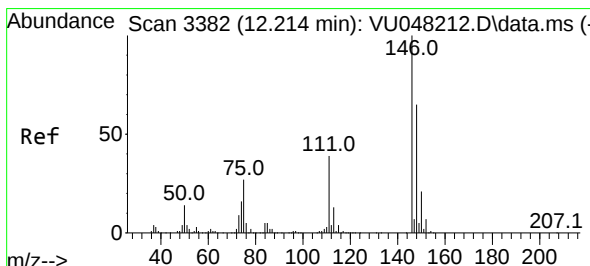
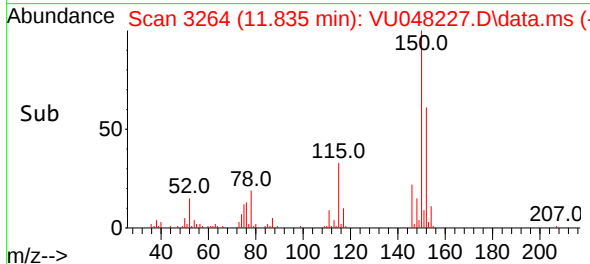
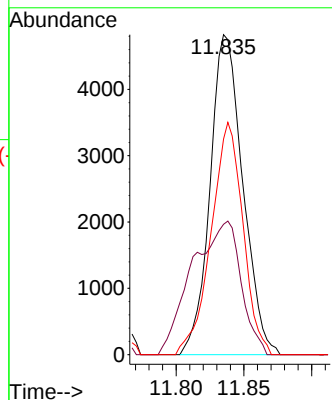
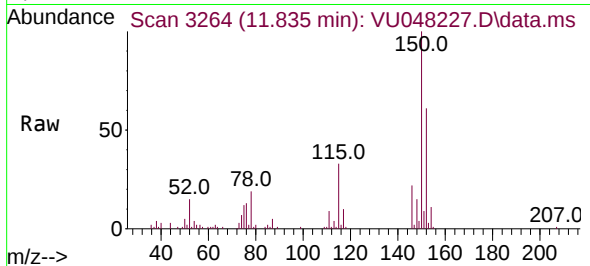




#65
1,4-Dichlorobenzene
Concen: 1.641 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048227.D
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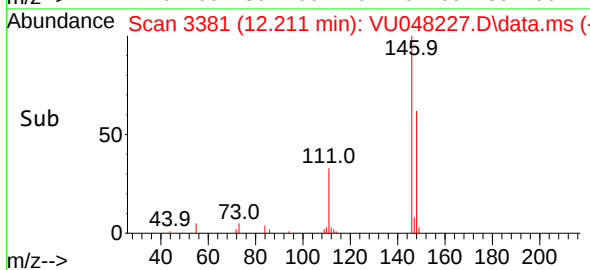
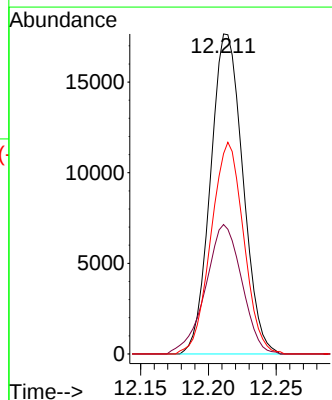
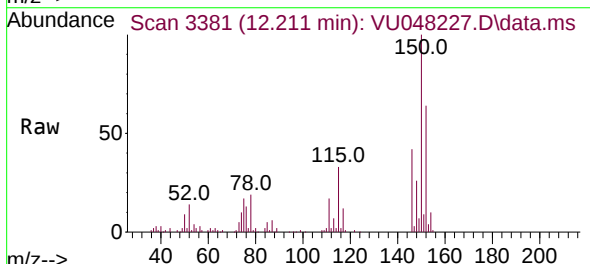
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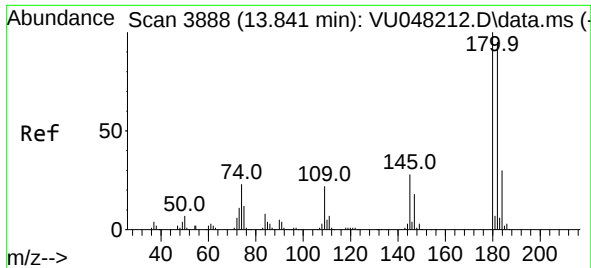
Tgt Ion:146 Resp: 8122
Ion Ratio Lower Upper
146 100
111 40.8 25.3 47.1
148 67.4 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 6.128 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048227.D
Acq: 22 Apr 2022 16:09

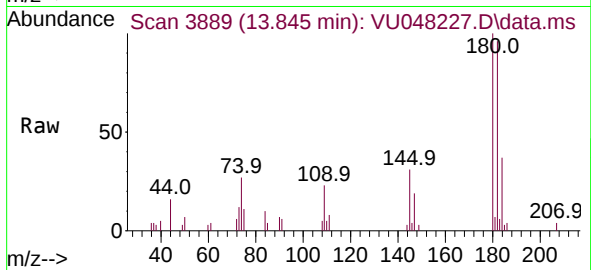
Tgt Ion:146 Resp: 29308
Ion Ratio Lower Upper
146 100
111 40.5 31.7 47.5
148 62.6 51.4 77.2





#70
 1,2,4-trichlorobenzene
 Concen: 2.069 ug/L
 RT: 13.845 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU048227.D
 Acq: 22 Apr 2022 16:09

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J59



Tgt Ion:	180	Resp:	7033
Ion Ratio	Lower	Upper	
180	100		
182	96.5	76.2	114.2
145	30.1	21.8	32.8

