

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048174.D
 Acq On : 21 Apr 2022 15:42
 Operator : SY/MD
 Sample : N2486-16 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J58

Quant Time: Apr 22 01:51:14 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)

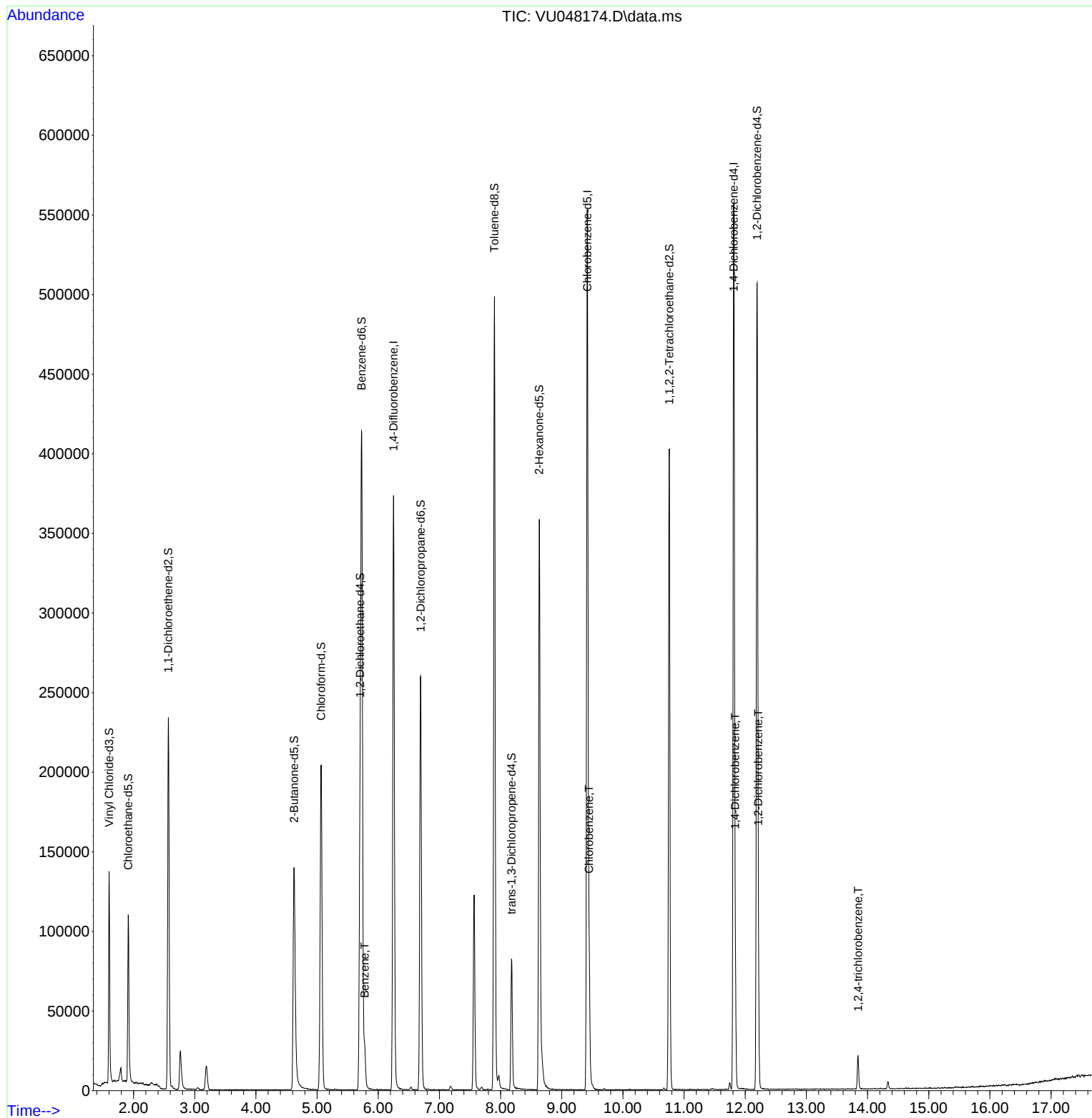
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	319287	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	334319	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	159501	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	100677	43.482	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.960%
7) Chloroethane-d5	1.912	69	85814	47.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.568	63	135121	31.897	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.800%
21) 2-Butanone-d5	4.623	46	181543	91.351	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.350%
24) Chloroform-d	5.067	84	193557	45.688	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.380%
26) 1,2-Dichloroethane-d4	5.703	65	121709	46.841	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.680%
32) Benzene-d6	5.729	84	395467	47.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.020%
36) 1,2-Dichloropropane-d6	6.693	67	130190	50.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.780%
41) Toluene-d8	7.899	98	340368	41.528	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.060%
43) trans-1,3-Dichloroprop...	8.179	79	48178	36.809	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.620%
47) 2-Hexanone-d5	8.632	63	122807	81.200	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	201055	45.346	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.700%
66) 1,2-Dichlorobenzene-d4	12.192	152	143510	50.573	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.140%
Target Compounds						
					Qvalue	
33) Benzene	5.777	78	23570	2.436	ug/L	100
51) Chlorobenzene	9.446	112	44507	6.173	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	31499	6.347	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	25896	5.402	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	7879	2.312	ug/L	98

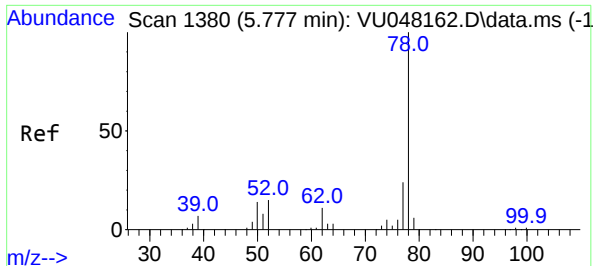
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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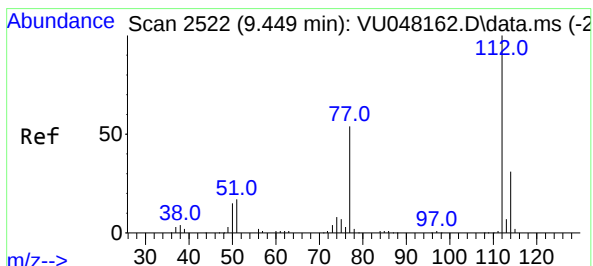
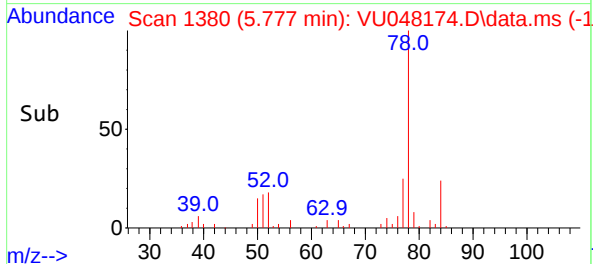
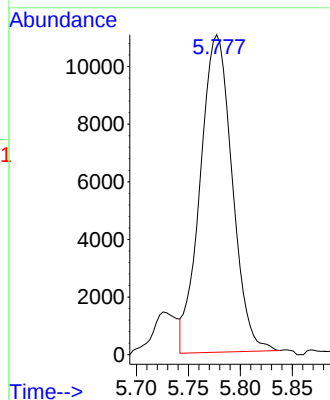
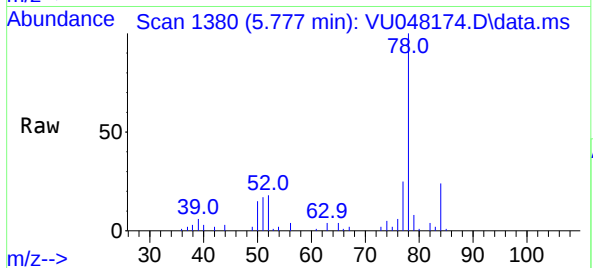




#33
Benzene
Concen: 2.436 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU048174.D
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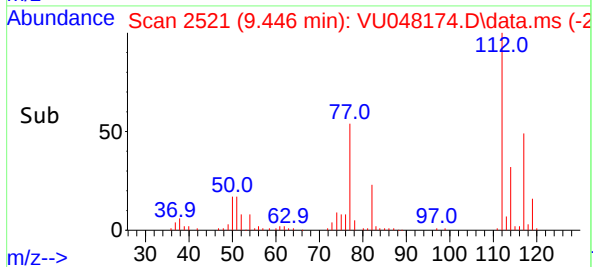
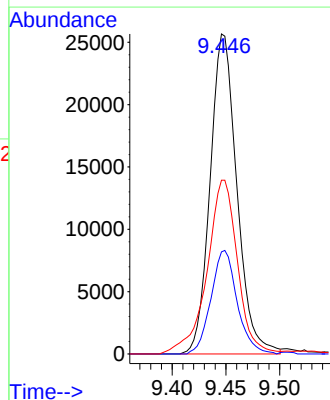
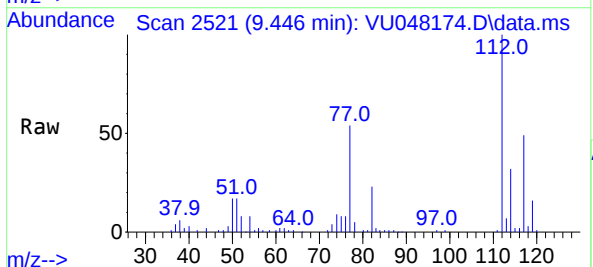
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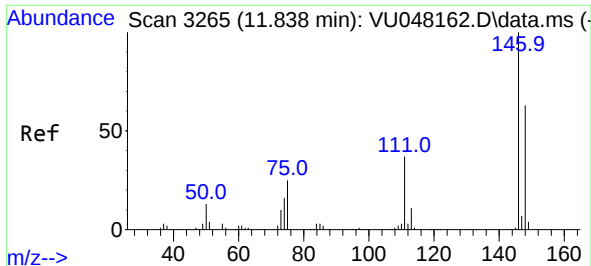
Tgt Ion: 78 Resp: 23570



#51
Chlorobenzene
Concen: 6.173 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048174.D
Acq: 21 Apr 2022 15:42

Tgt Ion: 112 Resp: 44507
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 54.3 43.4 65.0

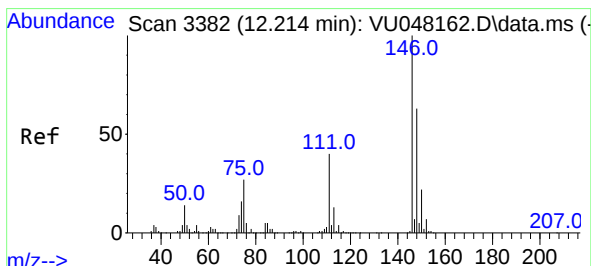
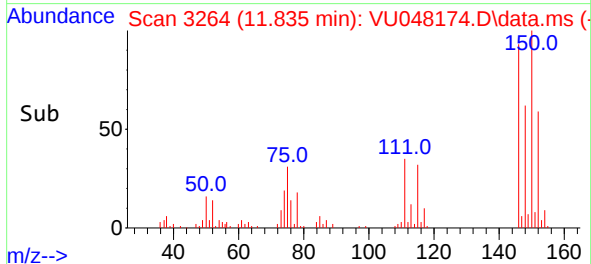
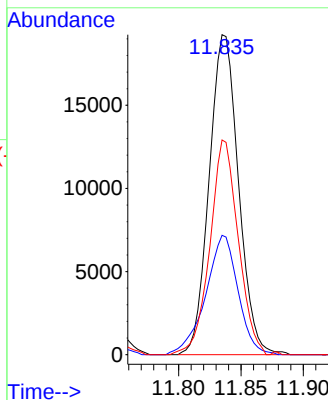
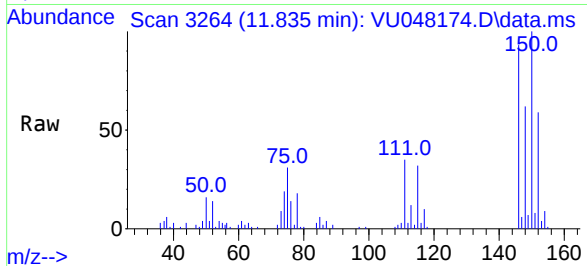




#65
1,4-Dichlorobenzene
Concen: 6.347 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048174.D
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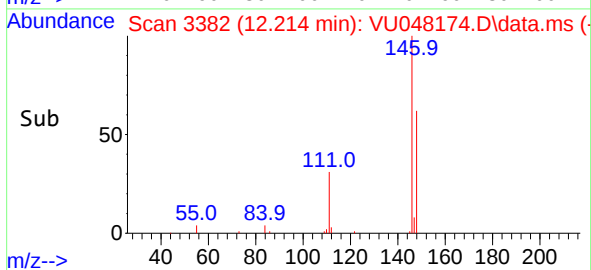
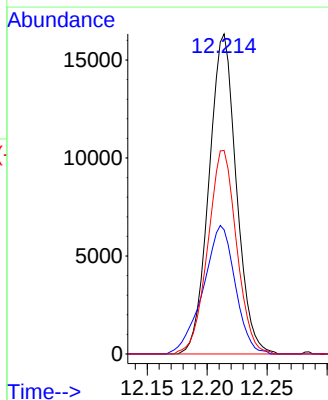
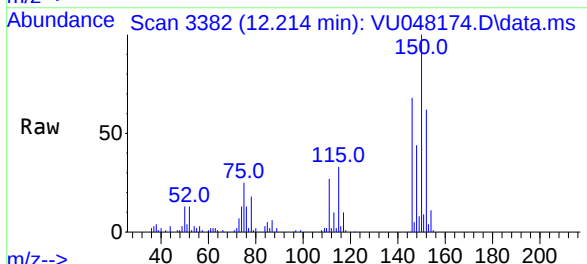
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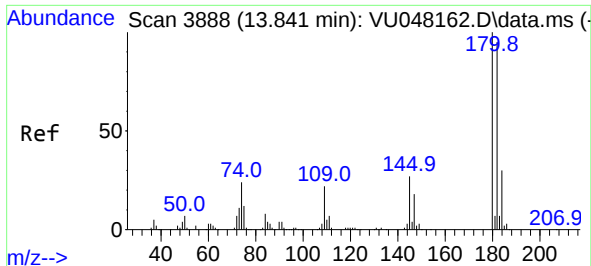
Tgt Ion:	146	Resp:	31499
Ion	Ratio	Lower	Upper
146	100		
111	37.3	25.3	47.1
148	67.1	44.5	82.7



#67
1,2-Dichlorobenzene
Concen: 5.402 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU048174.D
Acq: 21 Apr 2022 15:42

Tgt Ion:	146	Resp:	25896
Ion	Ratio	Lower	Upper
146	100		
111	38.8	31.7	47.5
148	63.6	51.4	77.2





#70

1,2,4-trichlorobenzene

Concen: 2.312 ug/L

RT: 13.844 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU048174.D

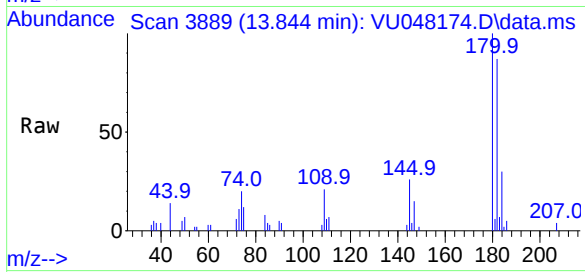
Acq: 21 Apr 2022 15:42

Instrument :

MSVOA_U

ClientSampleId :

C0J58



Tgt Ion:180 Resp: 7879

Ion Ratio Lower Upper

180 100

182 92.9 76.2 114.2

145 28.5 21.8 32.8

