

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
 Data File : VU053613.D
 Acq On : 10 Apr 2023 14:27
 Operator : JC/MD
 Sample : VIBLK123
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK123

Quant Time: Apr 11 02:21:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 02:19:45 2023
 Response via : Initial Calibration

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

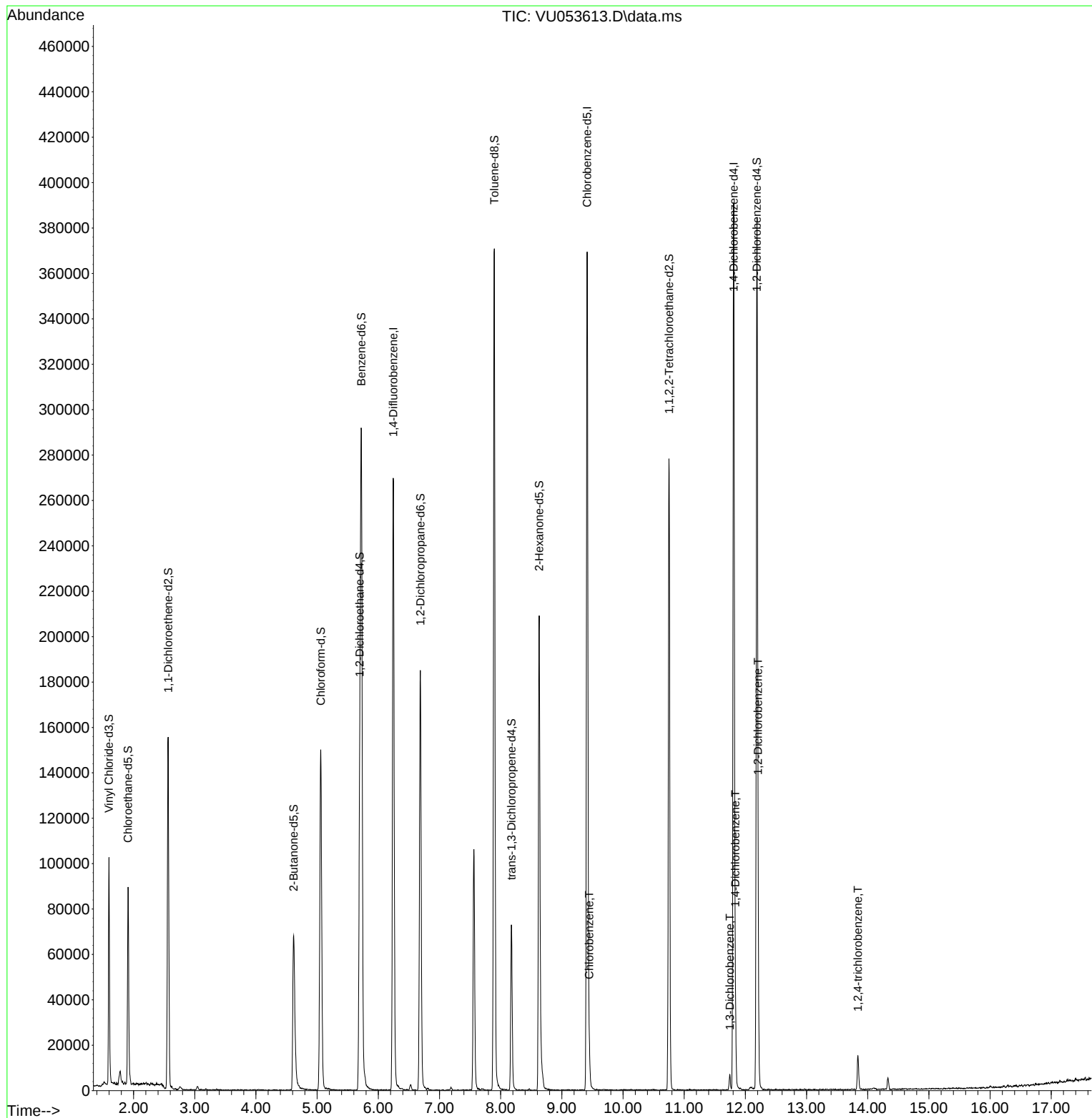
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	231158	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	216896	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	103547	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	71496	39.721	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.440%
7) Chloroethane-d5	1.909	69	67189	48.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.820%
11) 1,1-Dichloroethene-d2	2.565	63	87836	31.525	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.040%
21) 2-Butanone-d5	4.616	46	97574	119.732	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.730%
24) Chloroform-d	5.060	84	137832	46.302	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.697	65	93795	53.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.640%
32) Benzene-d6	5.723	84	279511	47.742	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.480%
36) 1,2-Dichloropropane-d6	6.687	67	90031	50.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.620%
41) Toluene-d8	7.896	98	258520	44.427	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.860%
43) trans-1,3-Dichloroprop...	8.176	79	43449	47.037	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.080%
47) 2-Hexanone-d5	8.629	63	74437	121.882	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.880%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	133367	52.877	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.760%
66) 1,2-Dichlorobenzene-d4	12.188	152	102265	47.314	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.620%
Target Compounds						
					Qvalue	
51) Chlorobenzene	9.446	112	10805	2.449	ug/L	96
64) 1,3-Dichlorobenzene	11.745	146	3341	1.044	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	17317	5.312	ug/L	95
67) 1,2-Dichlorobenzene	12.208	146	12754	4.000	ug/L	95
70) 1,2,4-trichlorobenzene	13.838	180	5676	2.584	ug/L	97

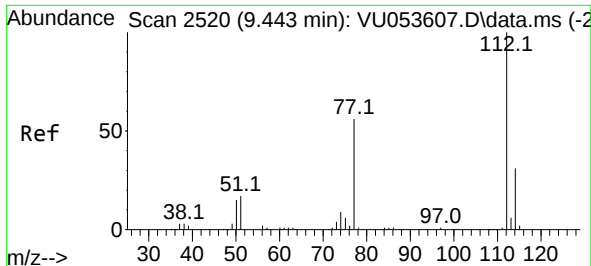
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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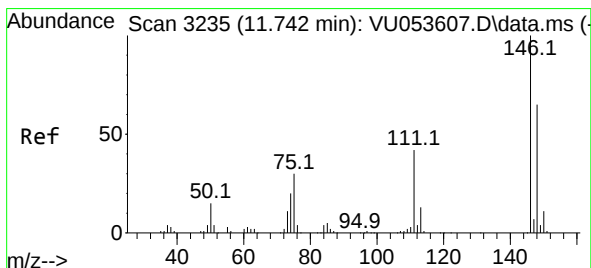
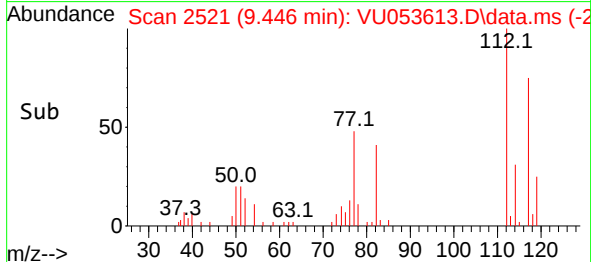
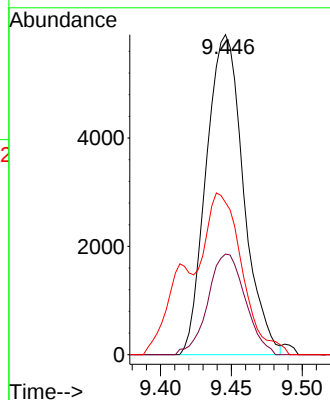
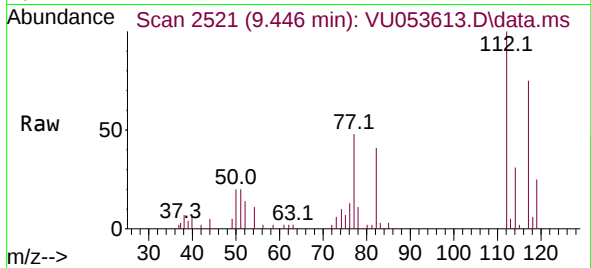




#51
Chlorobenzene
Concen: 2.449 ug/L
RT: 9.446 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053613.D
Acq: 10 Apr 2023 14:27

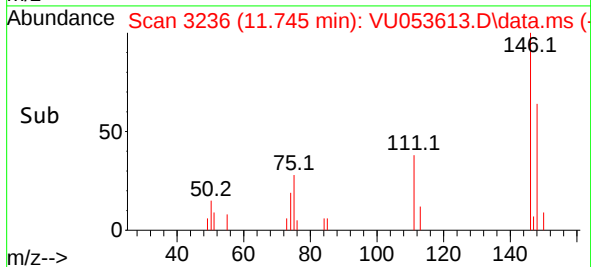
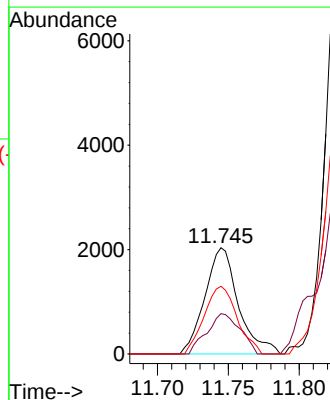
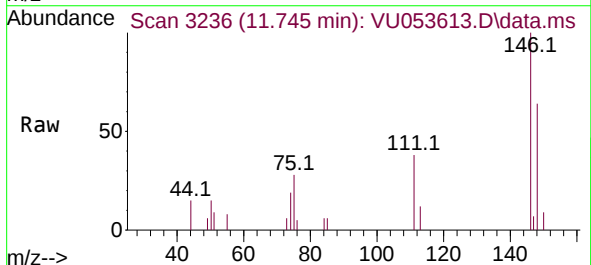
Instrument :
MSVOA_U
ClientSampleId :
VIBLK123

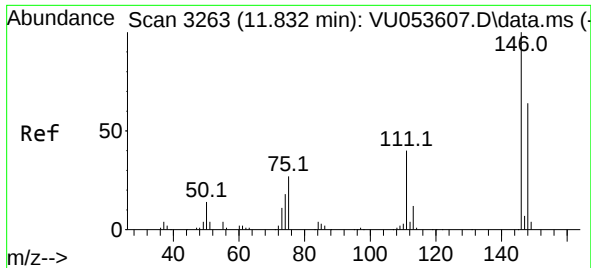
Tgt Ion:112 Resp: 10805
Ion Ratio Lower Upper
112 100
114 31.4 22.2 41.2
77 47.5 41.3 61.9



#64
1,3-Dichlorobenzene
Concen: 1.044 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU053613.D
Acq: 10 Apr 2023 14:27

Tgt Ion:146 Resp: 3341
Ion Ratio Lower Upper
146 100
111 38.0 25.7 47.7
148 63.7 44.2 82.2

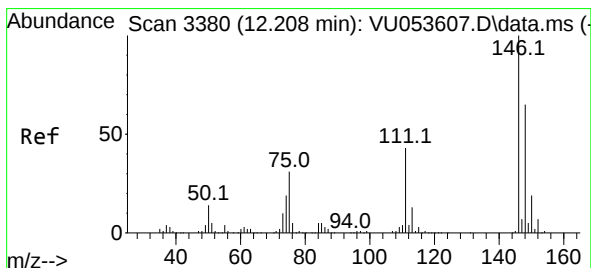
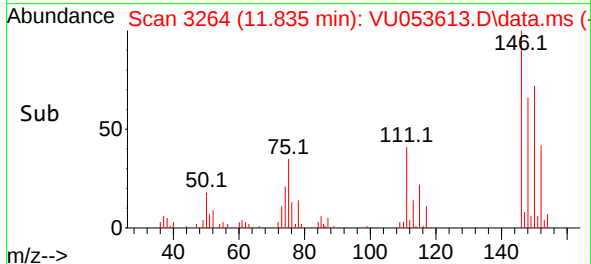
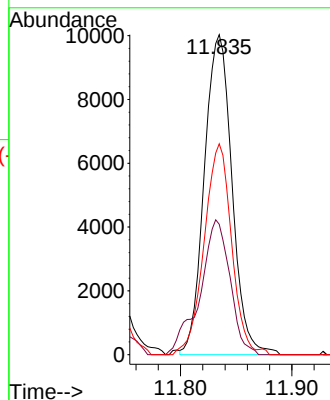
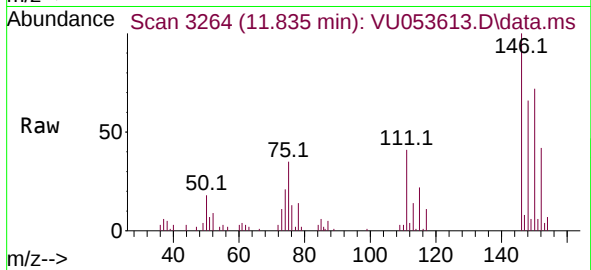




#65
1,4-Dichlorobenzene
Concen: 5.312 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053613.D
Acq: 10 Apr 2023 14:27

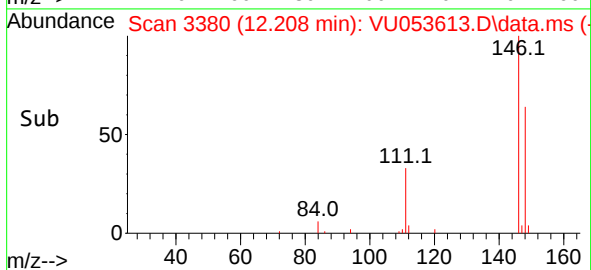
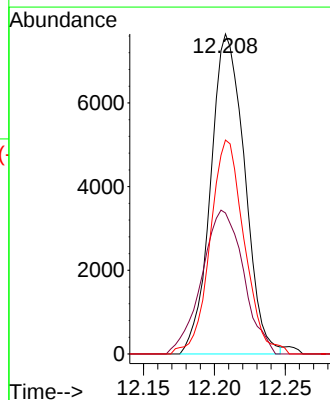
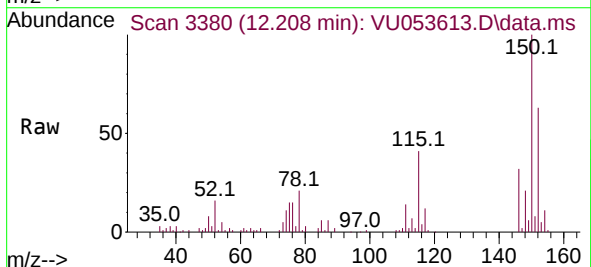
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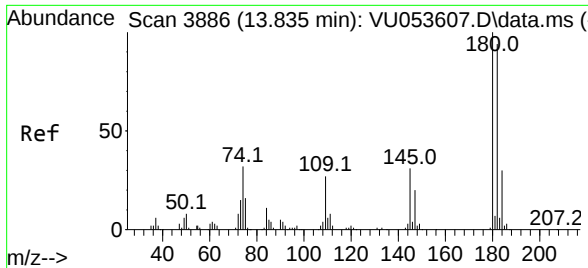
Tgt Ion:146 Resp: 17317
Ion Ratio Lower Upper
146 100
111 40.8 25.1 46.5
148 65.9 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 4.000 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU053613.D
Acq: 10 Apr 2023 14:27

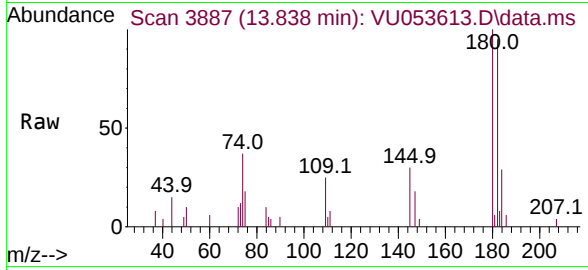
Tgt Ion:146 Resp: 12754
Ion Ratio Lower Upper
146 100
111 44.0 31.5 47.3
148 66.8 51.6 77.4





#70
 1,2,4-trichlorobenzene
 Concen: 2.584 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.003 min
 Lab File: VU053613.D
 Acq: 10 Apr 2023 14:27

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK123



Tgt Ion:	180	Resp:	5676
Ion Ratio	Lower	Upper	
180	100		
182	96.6	75.8	113.8
145	25.0	23.4	35.2

