

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041123\
 Data File : VU053632.D
 Acq On : 11 Apr 2023 14:00
 Operator : JC/MD
 Sample : 02251-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMD3

Quant Time: Apr 12 02:24:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 12 02:22:37 2023
 Response via : Initial Calibration

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

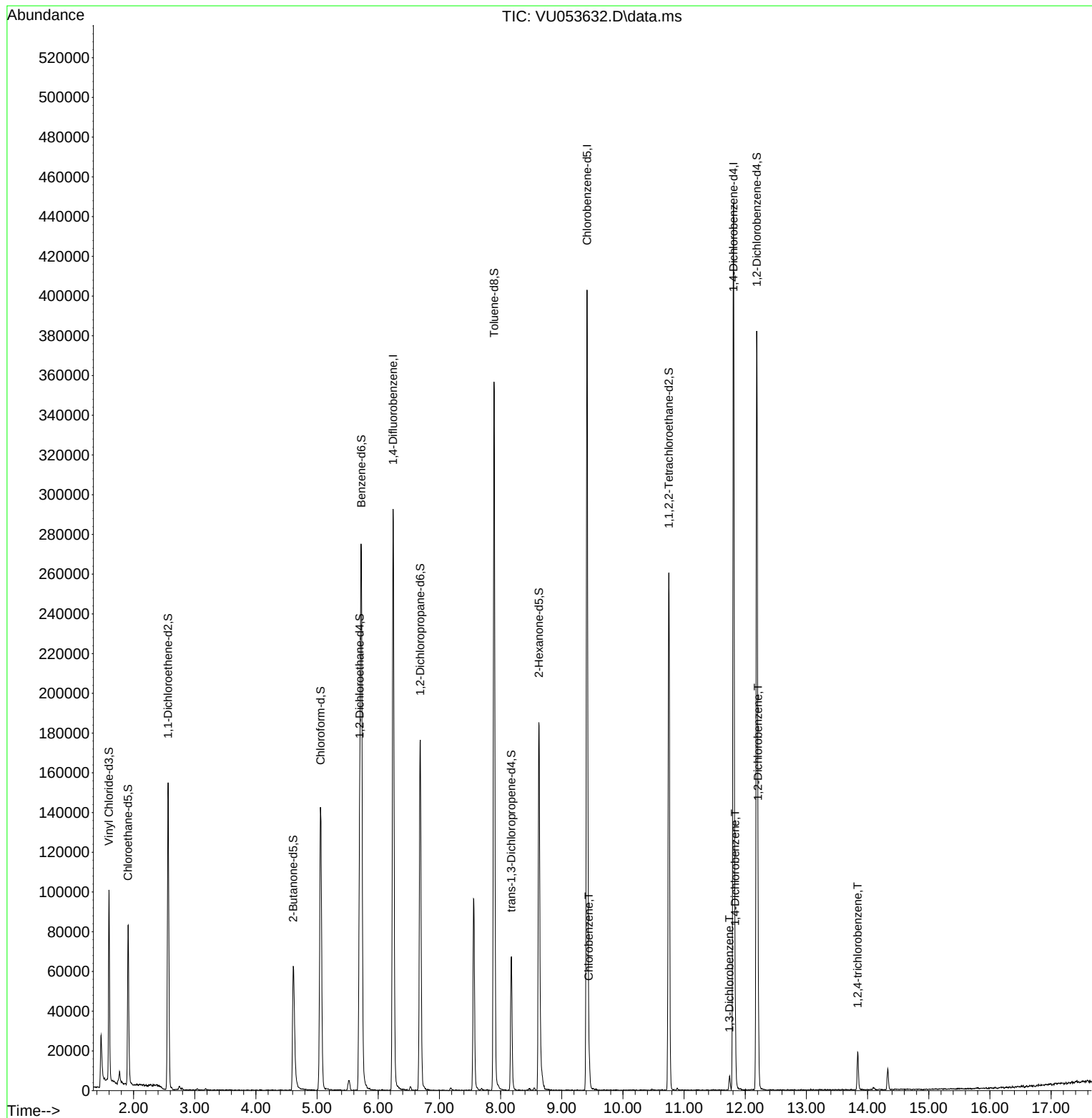
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	252137	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	232108	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	118194	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	71712	36.526	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.060%
7) Chloroethane-d5	1.909	69	63113	41.693	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.380%
11) 1,1-Dichloroethene-d2	2.565	63	88196	29.020	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.040%#
21) 2-Butanone-d5	4.610	46	90742	102.084	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.080%
24) Chloroform-d	5.057	84	134732	41.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.697	65	87191	45.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.880%
32) Benzene-d6	5.722	84	270428	43.163	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.320%
36) 1,2-Dichloropropane-d6	6.687	67	87302	45.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.180%
41) Toluene-d8	7.893	98	247498	39.745	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.500%#
43) trans-1,3-Dichloroprop...	8.176	79	39210	39.666	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.340%
47) 2-Hexanone-d5	8.626	63	67844	103.806	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.810%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	129006	47.796	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	101382	41.093	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.180%
Target Compounds						
					Qvalue	
51) Chlorobenzene	9.443	112	8697	1.842	ug/L	91
64) 1,3-Dichlorobenzene	11.741	146	3390	0.928	ug/L	89
65) 1,4-Dichlorobenzene	11.835	146	16815	4.518	ug/L	93
67) 1,2-Dichlorobenzene	12.208	146	18051	4.960	ug/L	96
70) 1,2,4-trichlorobenzene	13.838	180	6586	2.627	ug/L	99

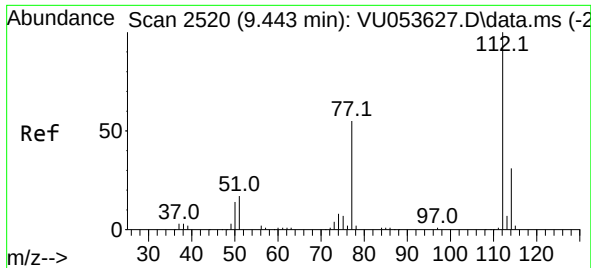
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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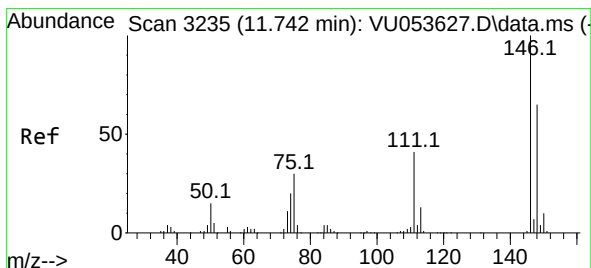
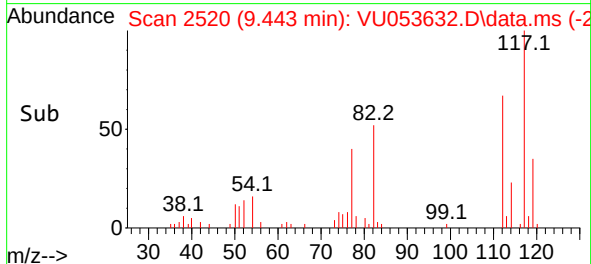
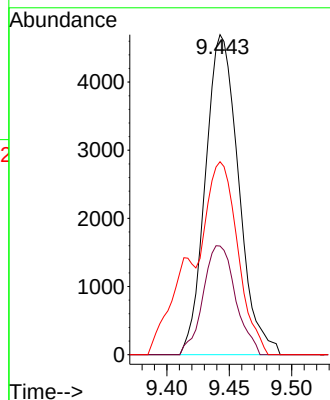
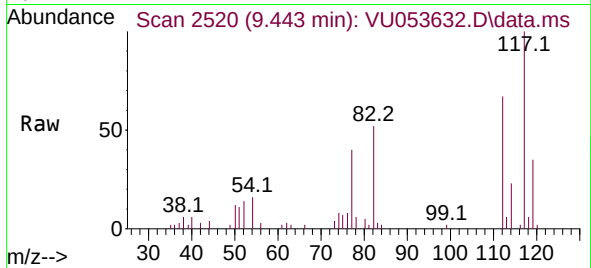




#51
Chlorobenzene
Concen: 1.842 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053632.D
Acq: 11 Apr 2023 14:00

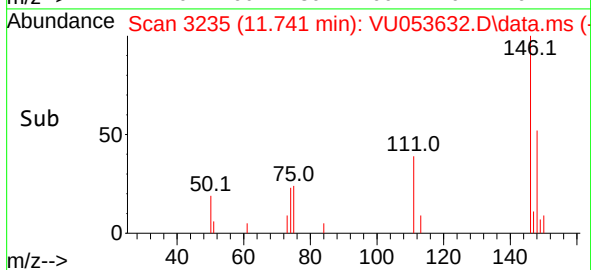
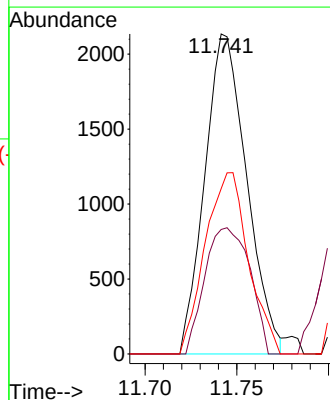
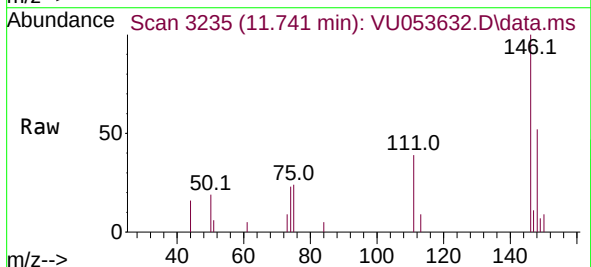
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MSVOA_U
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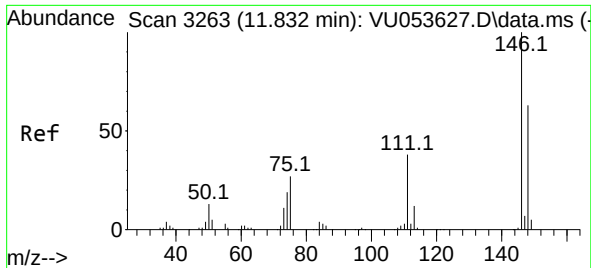
Tgt Ion:	112	Resp:	8697
Ion Ratio	Lower	Upper	
112	100		
114	33.9	22.2	41.2
77	60.3	41.3	61.9



#64
1,3-Dichlorobenzene
Concen: 0.928 ug/L
RT: 11.741 min Scan# 3235
Delta R.T. -0.000 min
Lab File: VU053632.D
Acq: 11 Apr 2023 14:00

Tgt Ion:	146	Resp:	3390
Ion Ratio	Lower	Upper	
146	100		
111	38.9	25.7	47.7
148	51.7	44.2	82.2

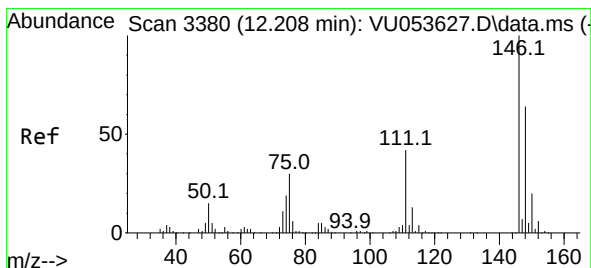
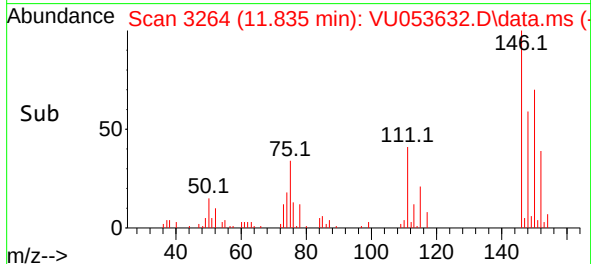
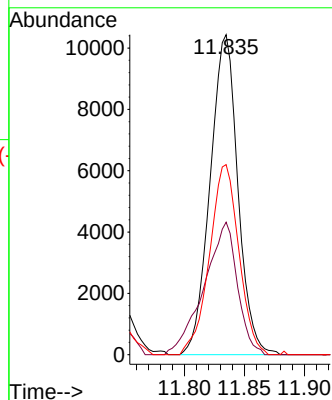
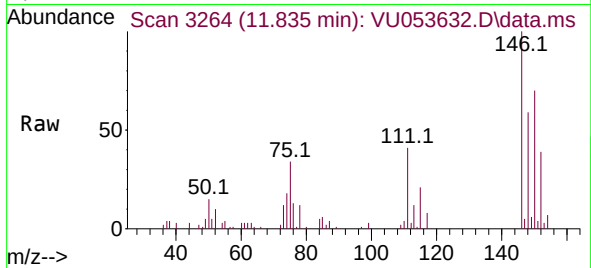




#65
1,4-Dichlorobenzene
Concen: 4.518 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053632.D
Acq: 11 Apr 2023 14:00

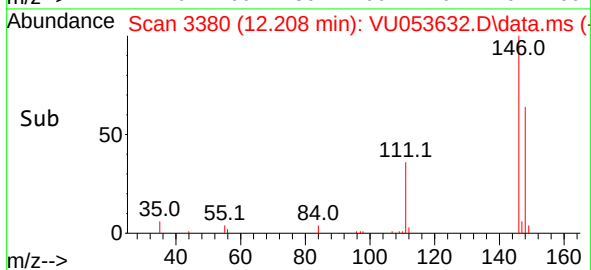
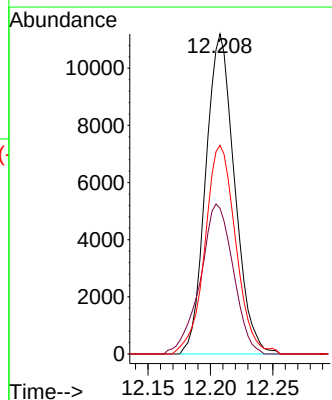
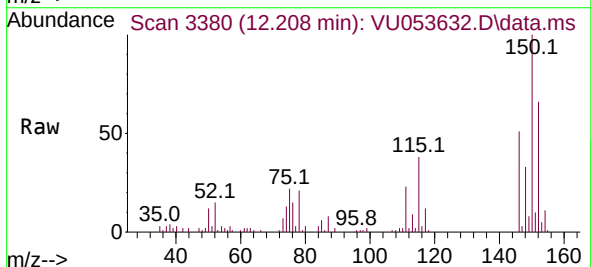
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MSVOA_U
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COMD3

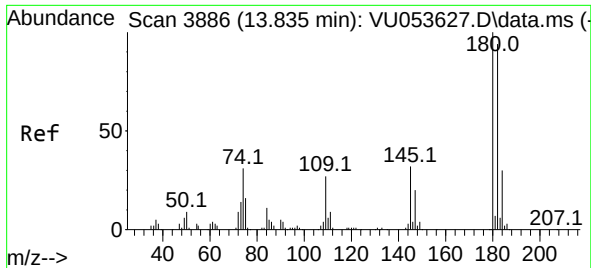
Tgt Ion:146 Resp: 16815
Ion Ratio Lower Upper
146 100
111 41.4 25.1 46.5
148 59.4 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 4.960 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU053632.D
Acq: 11 Apr 2023 14:00

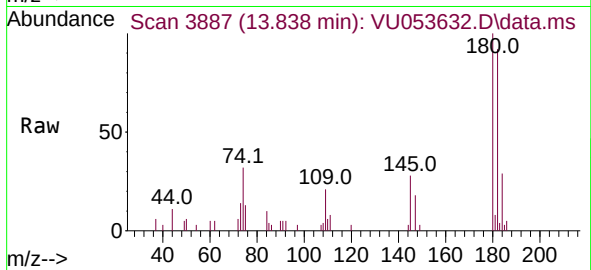
Tgt Ion:146 Resp: 18051
Ion Ratio Lower Upper
146 100
111 45.5 31.5 47.3
148 65.2 51.6 77.4





#70
 1,2,4-trichlorobenzene
 Concen: 2.627 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.003 min
 Lab File: VU053632.D
 Acq: 11 Apr 2023 14:00

Instrument :
 MSVOA_U
 ClientSampleId :
 C0MD3



Tgt Ion:	180	Resp:	6586
Ion Ratio	Lower	Upper	
180	100		
182	95.6	75.8	113.8
145	29.1	23.4	35.2

