

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020223\
 Data File : VU052927.D
 Acq On : 02 Feb 2023 15:48
 Operator : JC/MD
 Sample : 01381-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44M2

Quant Time: Feb 03 00:26:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 00:24:34 2023
 Response via : Initial Calibration

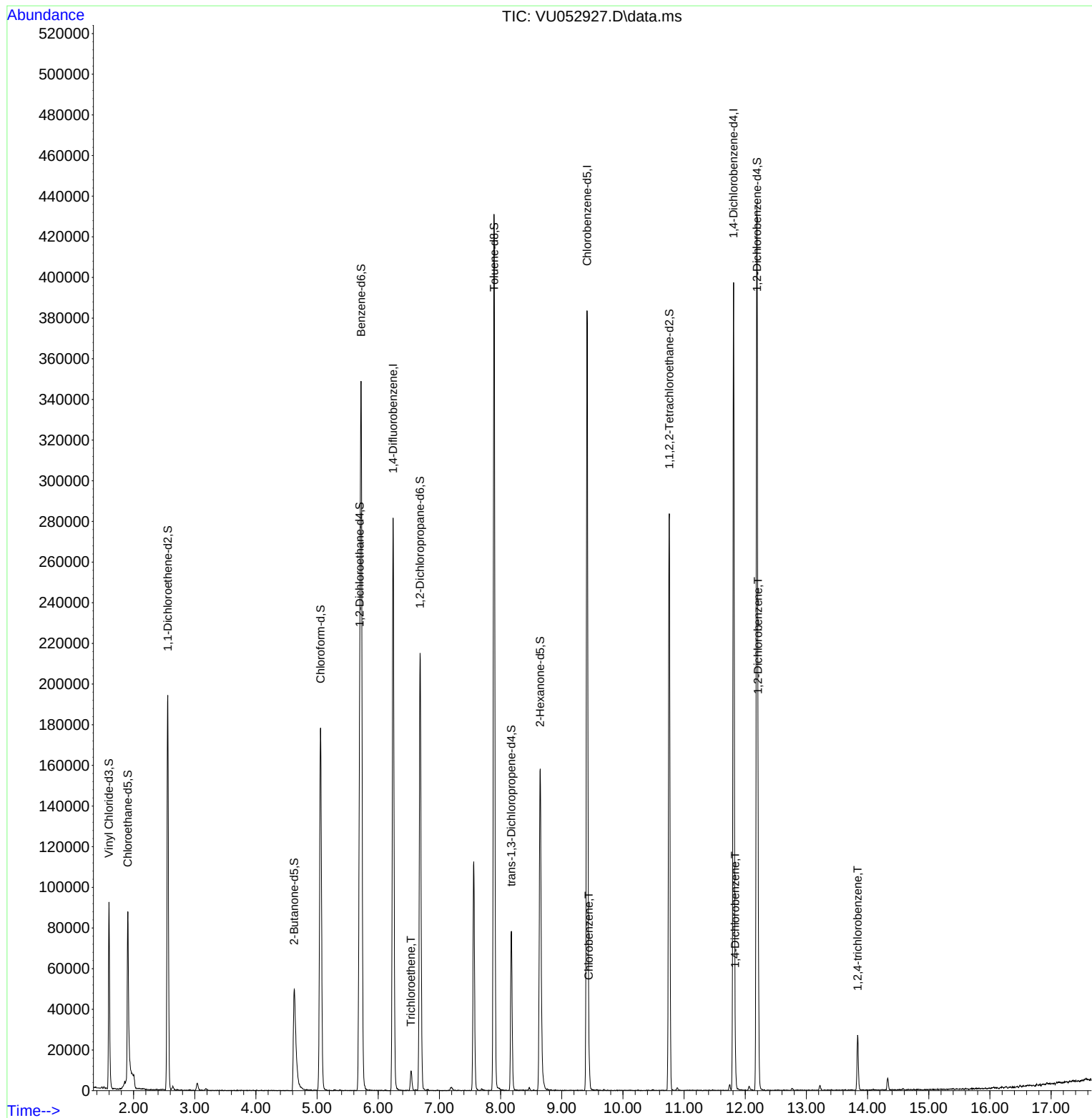
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	235037	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	224296	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	110635	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74639	44.121	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.240%
7) Chloroethane-d5	1.906	69	69809	50.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.160%
11) 1,1-Dichloroethene-d2	2.559	63	114067	33.901	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.800%
21) 2-Butanone-d5	4.626	46	87049	83.297	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.300%
24) Chloroform-d	5.057	84	170560	47.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.480%
26) 1,2-Dichloroethane-d4	5.697	65	111594	48.408	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.820%
32) Benzene-d6	5.719	84	328253	47.902	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.684	67	98410	48.966	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.940%
41) Toluene-d8	7.893	98	284602	45.610	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.220%
43) trans-1,3-Dichloroprop...	8.176	79	46540	46.202	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.400%
47) 2-Hexanone-d5	8.645	63	59786	84.662	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	133414	44.930	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.860%
66) 1,2-Dichlorobenzene-d4	12.192	152	115779	53.895	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
34) Trichloroethene	6.536	95	3175	1.636	ug/L	90
51) Chlorobenzene	9.443	112	8119	1.508	ug/L	88
65) 1,4-Dichlorobenzene	11.835	146	6517	1.746	ug/L	94
67) 1,2-Dichlorobenzene	12.208	146	27928	7.659	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	9663	4.319	ug/L	96

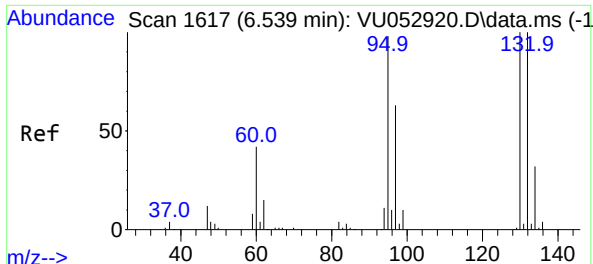
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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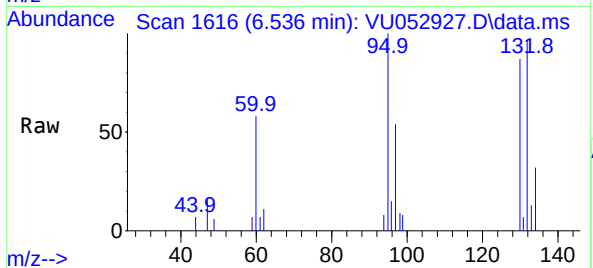
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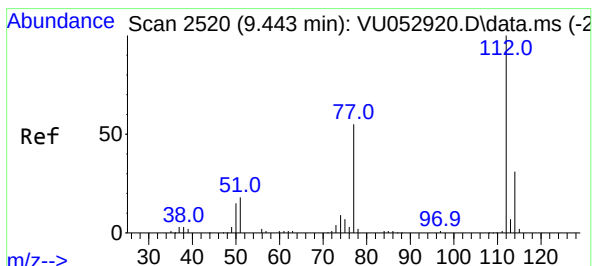
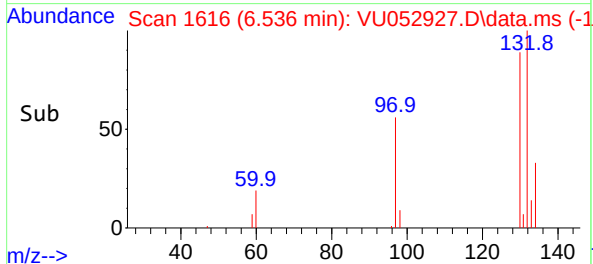
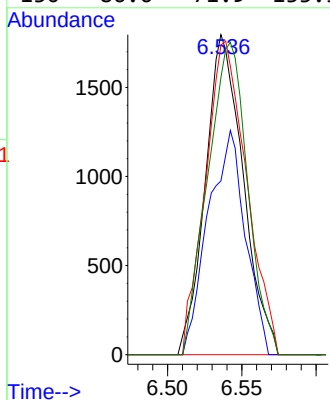
#34
Trichloroethene
Concen: 1.636 ug/L
RT: 6.536 min Scan# 1
Delta R.T. -0.004 min
Lab File: VU052927.D
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Tgt Ion: 95 Resp: 3175

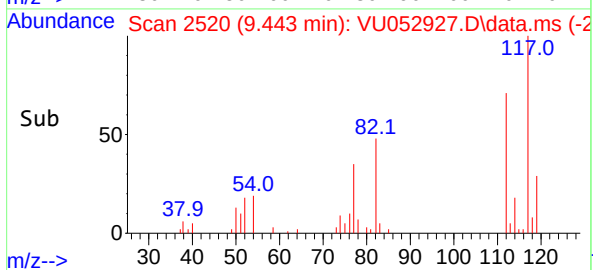
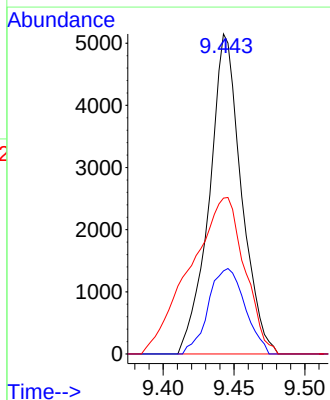
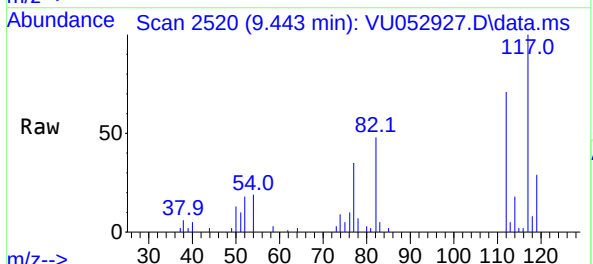
Ion	Ratio	Lower	Upper
95	100		
97	54.3	44.5	82.7
132	96.8	66.8	124.0
130	86.6	71.9	133.5

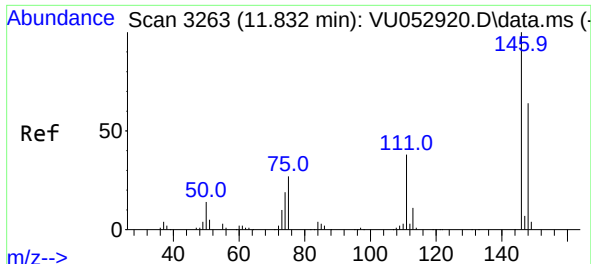


#51
Chlorobenzene
Concen: 1.508 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052927.D
Acq: 02 Feb 2023 15:48

Tgt Ion: 112 Resp: 8119

Ion	Ratio	Lower	Upper
112	100		
114	25.9	22.8	42.4
77	48.7	45.9	68.9

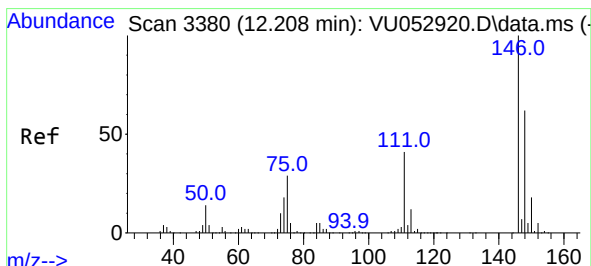
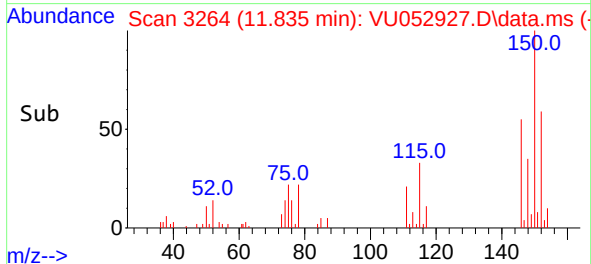
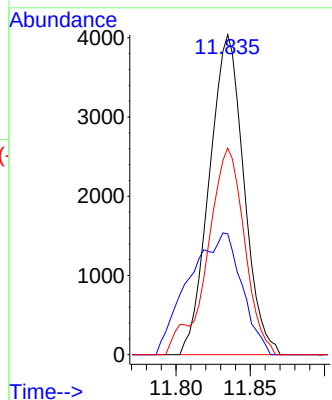
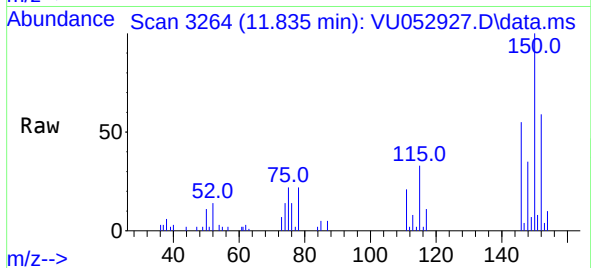




#65
1,4-Dichlorobenzene
Concen: 1.746 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU052927.D
Acq: 02 Feb 2023 15:48

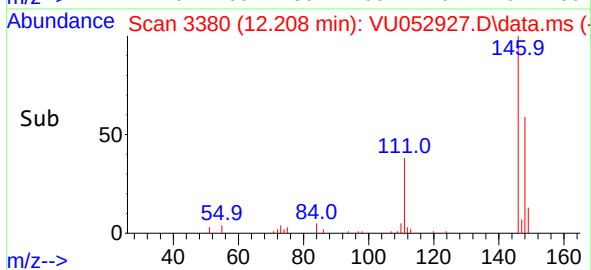
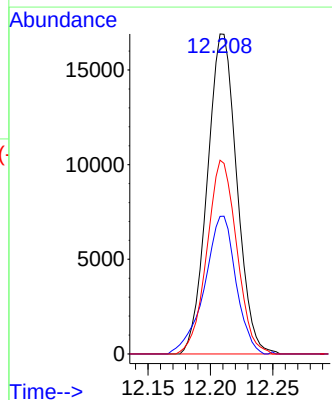
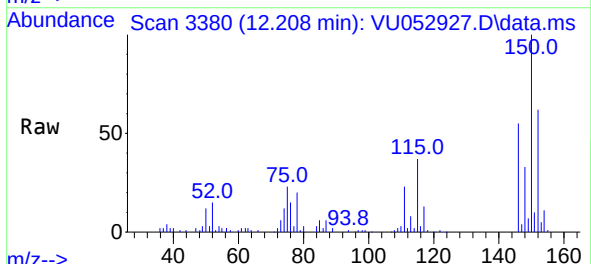
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MSVOA_U
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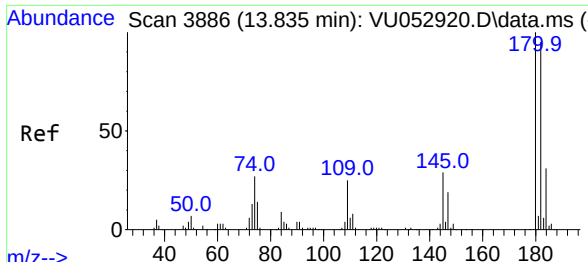
Tgt Ion:	146	Resp:	6517
Ion	Ratio	Lower	Upper
146	100		
111	35.2	26.7	49.7
148	60.2	45.6	84.6



#67
1,2-Dichlorobenzene
Concen: 7.659 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU052927.D
Acq: 02 Feb 2023 15:48

Tgt Ion:	146	Resp:	27928
Ion	Ratio	Lower	Upper
146	100		
111	43.0	33.2	49.8
148	60.5	50.2	75.4





#70
 1,2,4-trichlorobenzene
 Concen: 4.319 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.003 min
 Lab File: VU052927.D
 Acq: 02 Feb 2023 15:48

Instrument :
 MSVOA_U
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 A44M2

Tgt Ion:	180	Resp:	9663
Ion	Ratio	Lower	Upper
180	100		
182	94.5	78.2	117.2
145	26.6	23.4	35.2

