

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020223\
 Data File : VU052930.D
 Acq On : 02 Feb 2023 16:59
 Operator : JC/MD
 Sample : 01381-18DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44Q6DL

Quant Time: Feb 03 00:27:26 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)

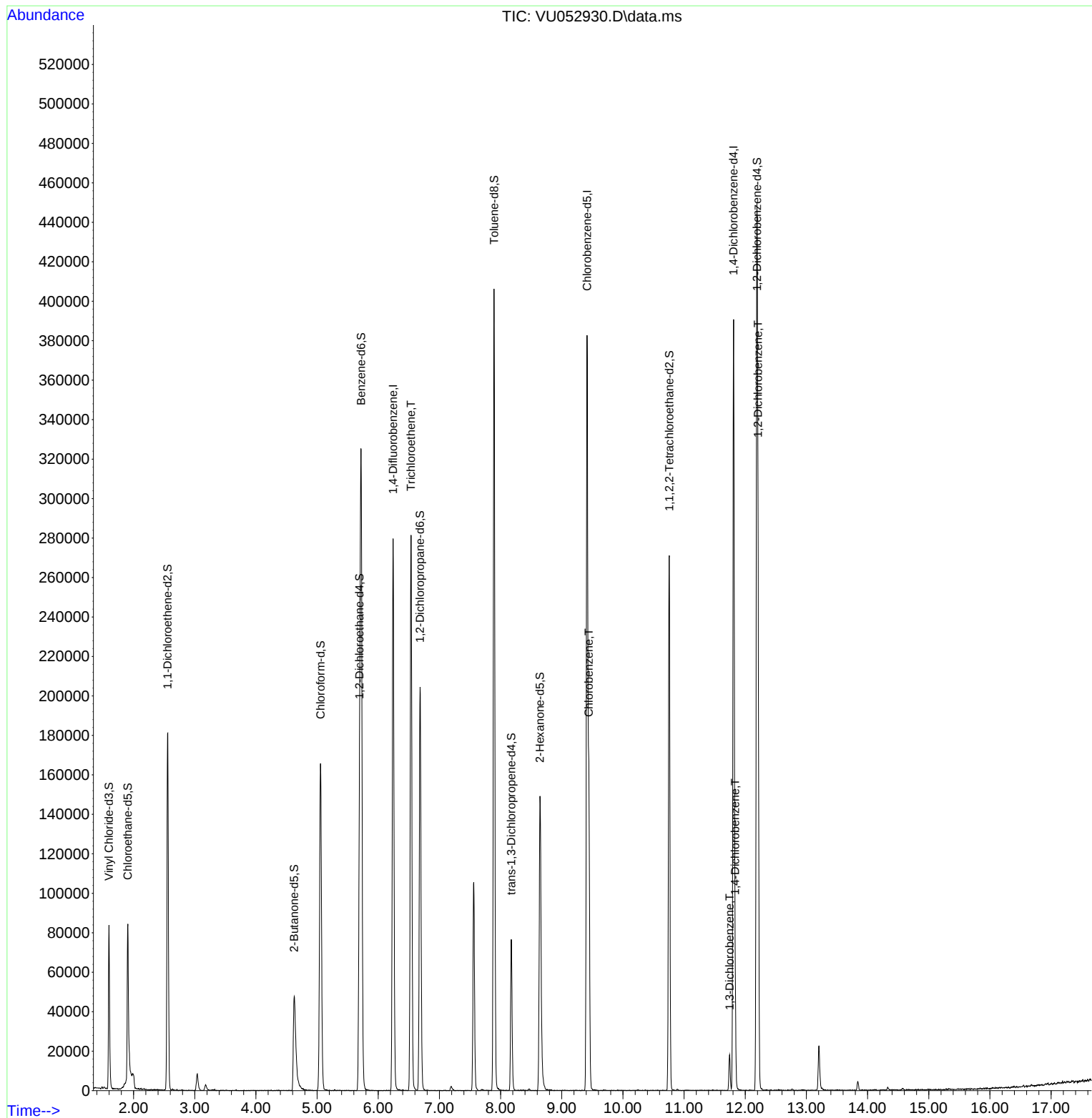
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	229713	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	220010	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	108977	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67316	40.714	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.420%
7) Chloroethane-d5	1.906	69	65653	48.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.380%
11) 1,1-Dichloroethene-d2	2.555	63	107842	32.794	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.580%
21) 2-Butanone-d5	4.626	46	80533	78.848	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.850%
24) Chloroform-d	5.057	84	160146	45.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.780%
26) 1,2-Dichloroethane-d4	5.694	65	106858	47.428	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.860%
32) Benzene-d6	5.719	84	310648	46.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.440%
36) 1,2-Dichloropropane-d6	6.684	67	92389	46.865	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.740%
41) Toluene-d8	7.893	98	267966	43.780	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.560%
43) trans-1,3-Dichloroprop...	8.176	79	42958	43.477	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.960%
47) 2-Hexanone-d5	8.642	63	55794	80.548	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.550%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	127286	43.701	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	109368	51.685	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.380%
Target Compounds						
					Qvalue	
34) Trichloroethene	6.536	95	94814	49.809	ug/L	95
51) Chlorobenzene	9.443	112	83721	15.854	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	8447	2.379	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	23370	6.357	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	90754	25.267	ug/L	96

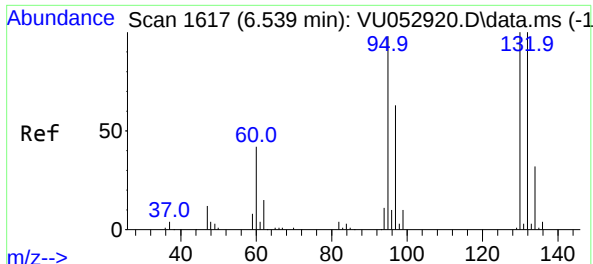
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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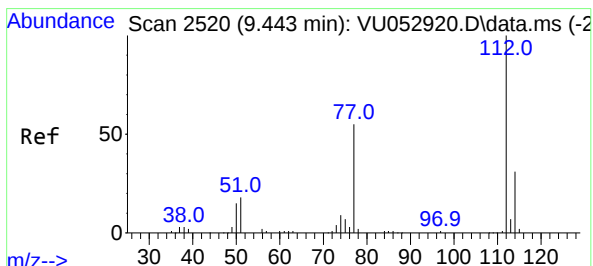
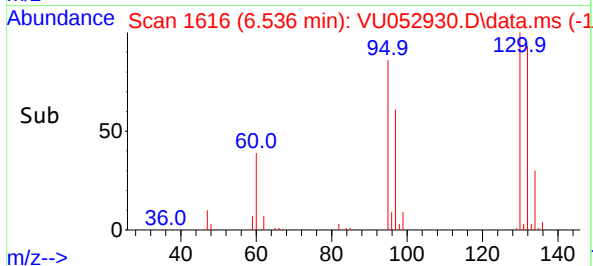
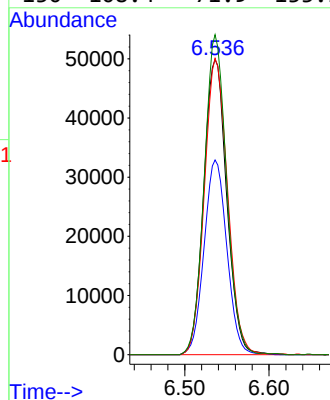
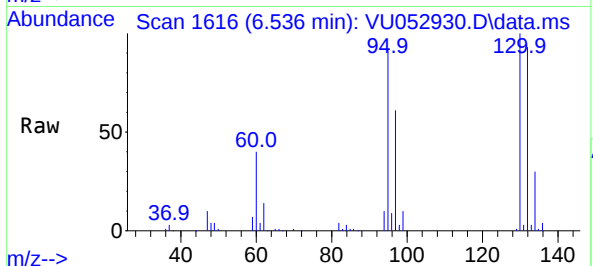


#34
Trichloroethene
Concen: 49.809 ug/L
RT: 6.536 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU052930.D
Acq: 02 Feb 2023 16:59

Instrument :
MSVOA_U
ClientSampleId :
A44Q6DL

Tgt Ion: 95 Resp: 94814

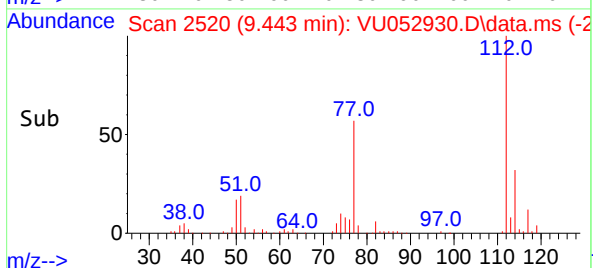
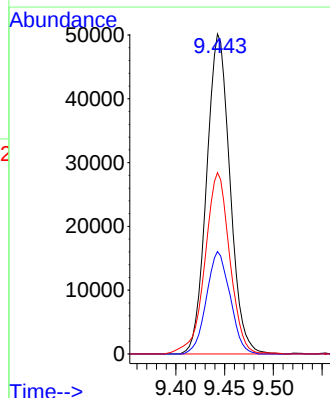
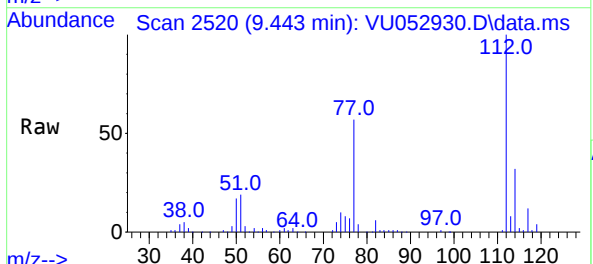
Ion	Ratio	Lower	Upper
95	100		
97	65.9	44.5	82.7
132	100.4	66.8	124.0
130	108.4	71.9	133.5

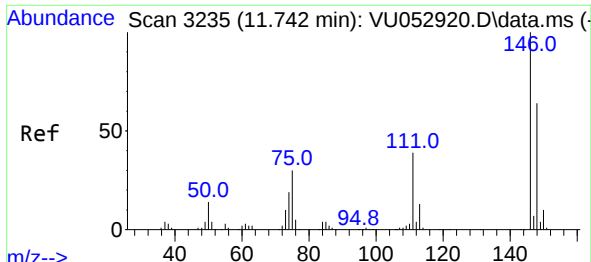


#51
Chlorobenzene
Concen: 15.854 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052930.D
Acq: 02 Feb 2023 16:59

Tgt Ion: 112 Resp: 83721

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.8	42.4
77	56.7	45.9	68.9

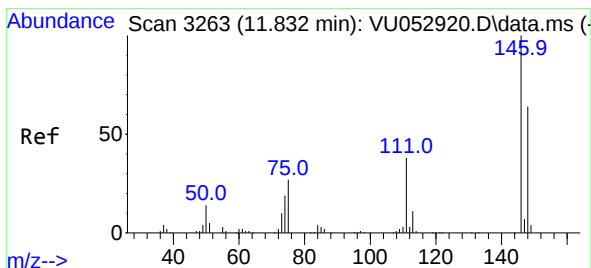
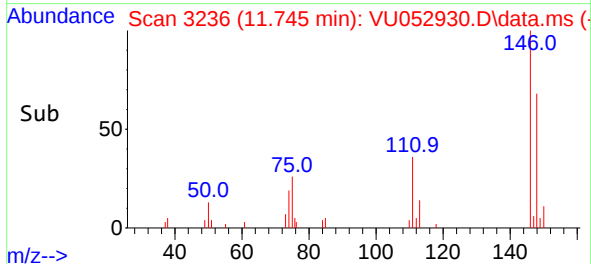
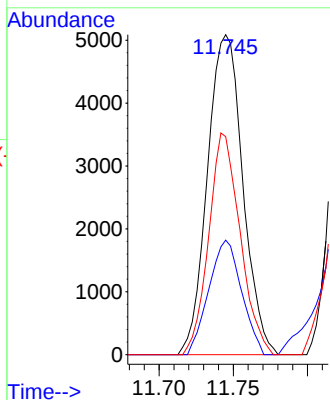
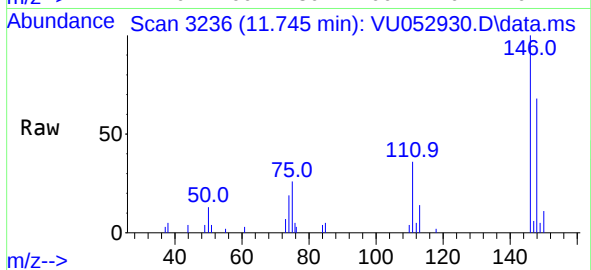




#64
1,3-Dichlorobenzene
Concen: 2.379 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU052930.D
Acq: 02 Feb 2023 16:59

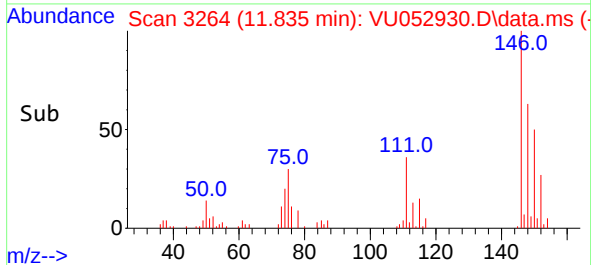
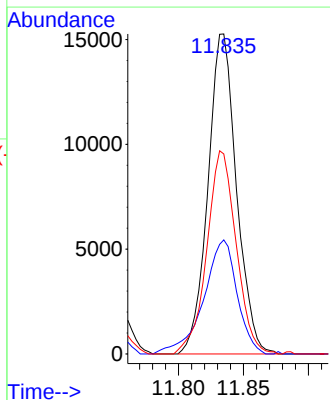
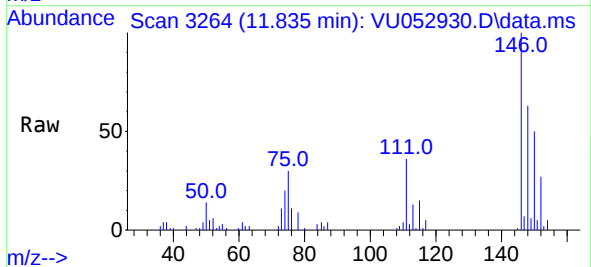
Instrument :
MSVOA_U
ClientSampleId :
A44Q6DL

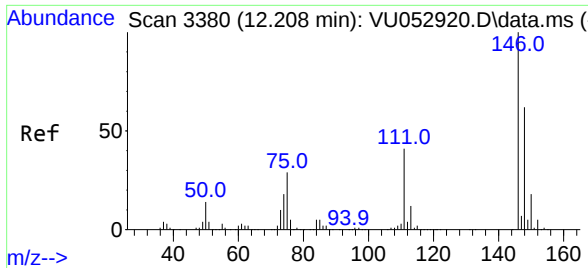
Tgt Ion:146 Resp: 8447
Ion Ratio Lower Upper
146 100
111 35.8 27.8 51.6
148 68.1 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 6.357 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU052930.D
Acq: 02 Feb 2023 16:59

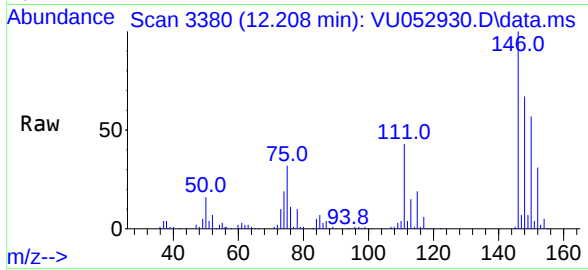
Tgt Ion:146 Resp: 23370
Ion Ratio Lower Upper
146 100
111 35.7 26.7 49.7
148 62.5 45.6 84.6





#67
1,2-Dichlorobenzene
Concen: 25.267 ug/L
RT: 12.208 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052930.D
Acq: 02 Feb 2023 16:59

Instrument :
MSVOA_U
ClientSampleId :
A44Q6DL



Tgt Ion:	146	Resp:	90754
Ion	Ratio	Lower	Upper
146	100		
111	43.1	33.2	49.8
148	66.6	50.2	75.4

