

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020323\
 Data File : VU052945.D
 Acq On : 03 Feb 2023 15:15
 Operator : JC/MD
 Sample : 01381-10DL 250X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44K7DL

Quant Time: Feb 03 23:47:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 23:44:08 2023
 Response via : Initial Calibration

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

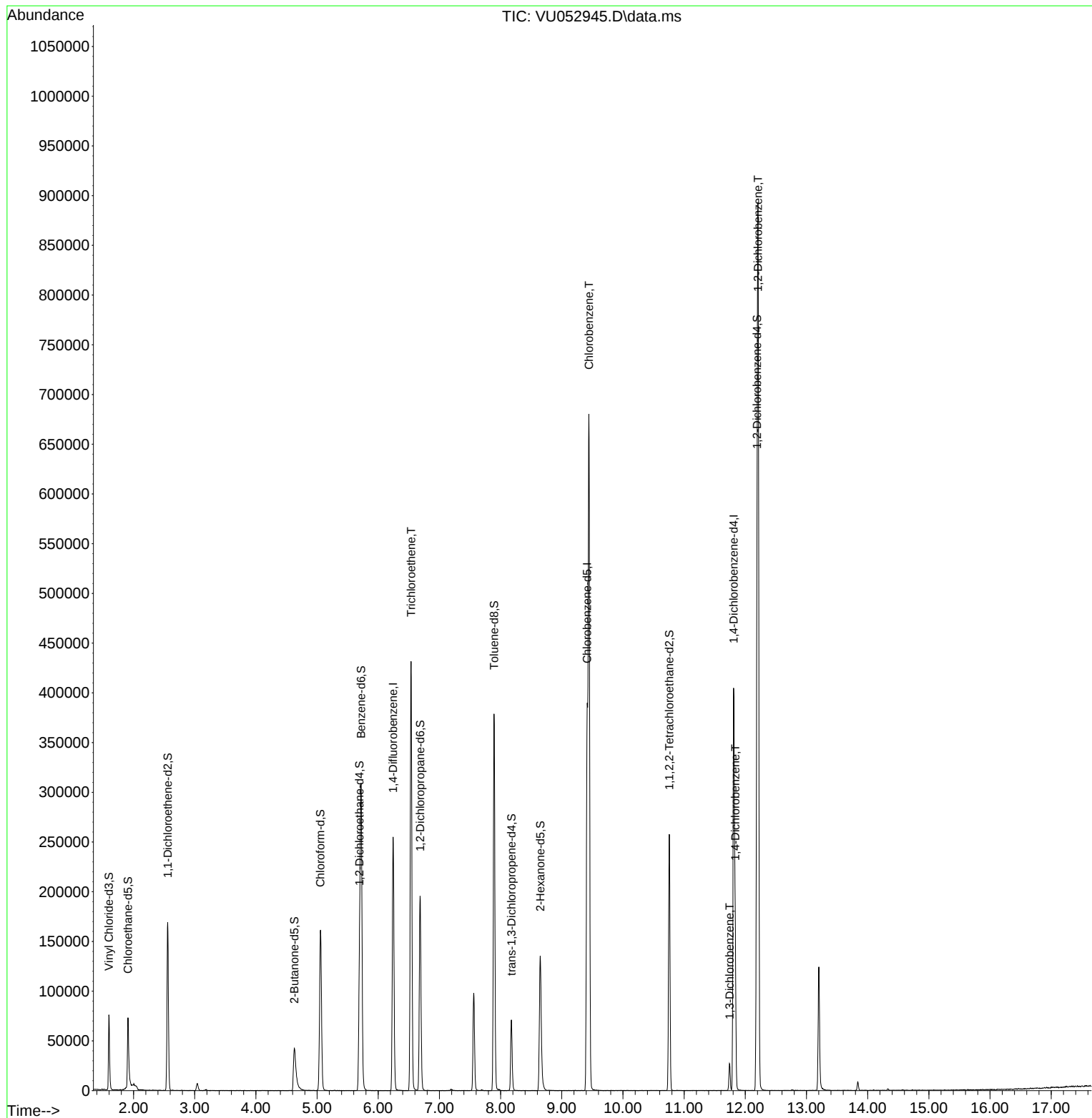
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	214335	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	210404	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	106165	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60931	39.497	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.000%
7) Chloroethane-d5	1.909	69	61020	48.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.559	63	99201	32.330	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.660%
21) 2-Butanone-d5	4.629	46	76811	80.599	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.600%
24) Chloroform-d	5.054	84	154711	46.991	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.980%
26) 1,2-Dichloroethane-d4	5.694	65	101793	48.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.840%
32) Benzene-d6	5.719	84	286930	44.636	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.280%
36) 1,2-Dichloropropane-d6	6.684	67	88009	46.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.360%
41) Toluene-d8	7.893	98	249711	42.661	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.320%
43) trans-1,3-Dichloroprop...	8.176	79	41801	44.237	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.480%
47) 2-Hexanone-d5	8.648	63	52400	79.102	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.100%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	120569	43.285	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.560%
66) 1,2-Dichlorobenzene-d4	12.192	152	104372	50.631	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.260%
Target Compounds						
					Qvalue	
34) Trichloroethene	6.536	95	145262	79.796	ug/L	97
51) Chlorobenzene	9.443	112	378505	74.950	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	11164	3.227	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	71456	19.953	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	333555	95.327	ug/L	99

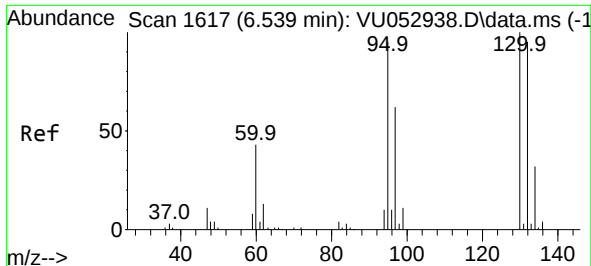
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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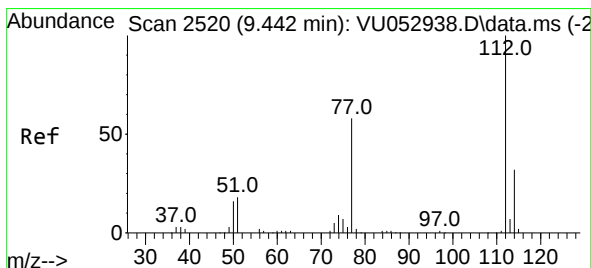
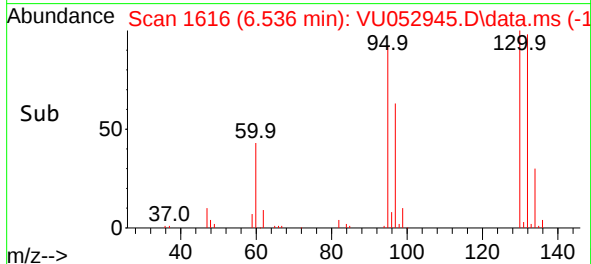
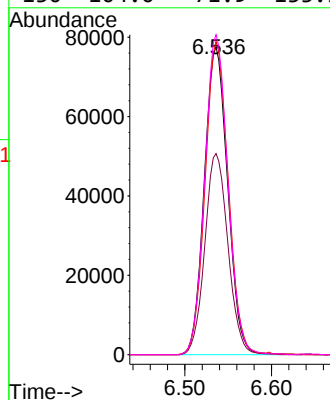
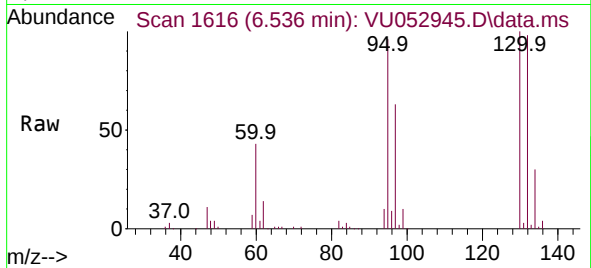




#34
Trichloroethene
Concen: 79.796 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU052945.D
Acq: 03 Feb 2023 15:15

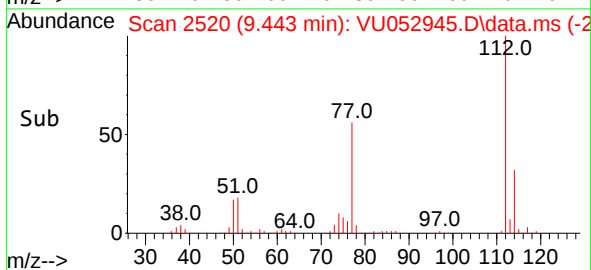
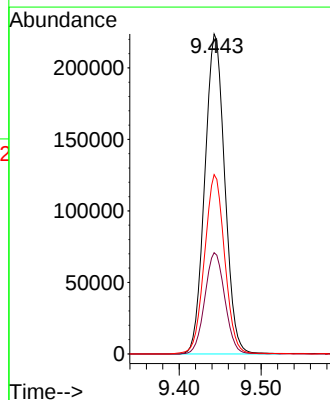
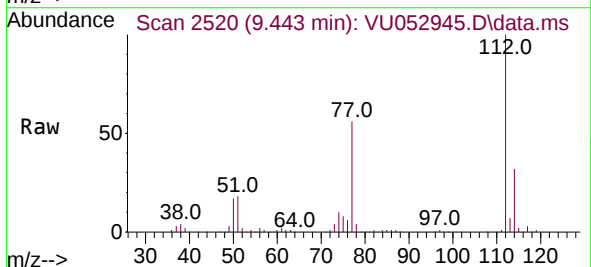
Instrument :
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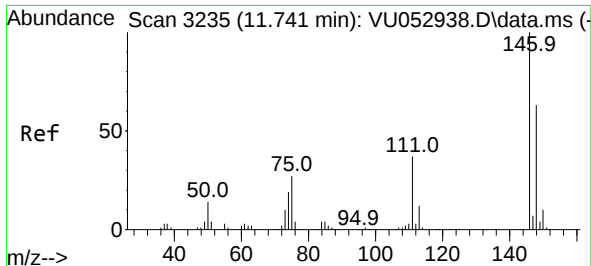
Tgt Ion: 95 Resp: 145262
Ion Ratio Lower Upper
95 100
97 65.3 44.5 82.7
132 101.7 66.8 124.0
130 104.0 71.9 133.5



#51
Chlorobenzene
Concen: 74.950 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052945.D
Acq: 03 Feb 2023 15:15

Tgt Ion: 112 Resp: 378505
Ion Ratio Lower Upper
112 100
114 31.7 22.8 42.4
77 56.0 45.9 68.9

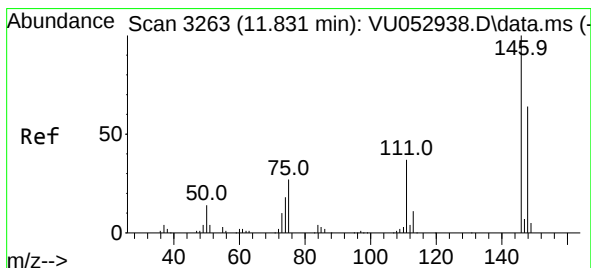
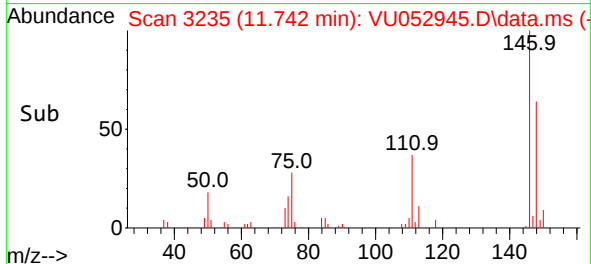
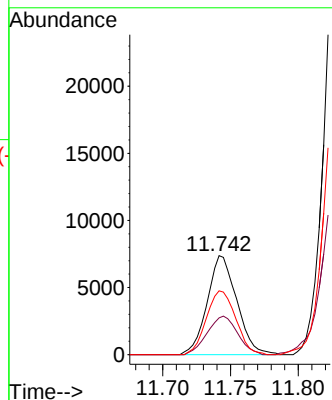
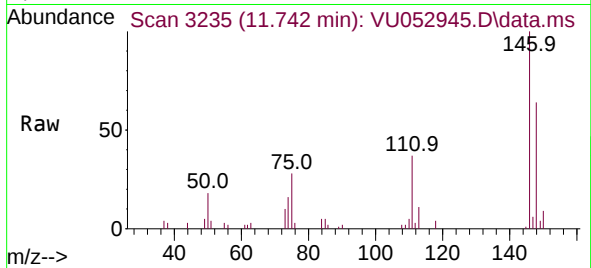




#64
 1,3-Dichlorobenzene
 Concen: 3.227 ug/L
 RT: 11.742 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU052945.D
 Acq: 03 Feb 2023 15:15

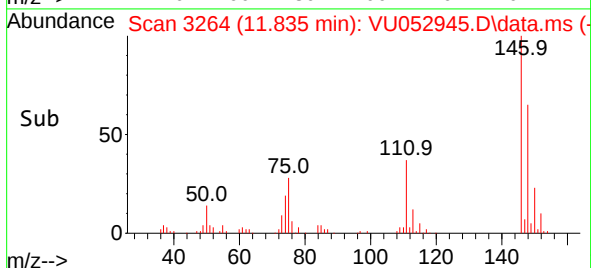
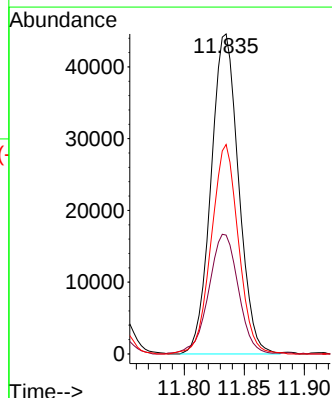
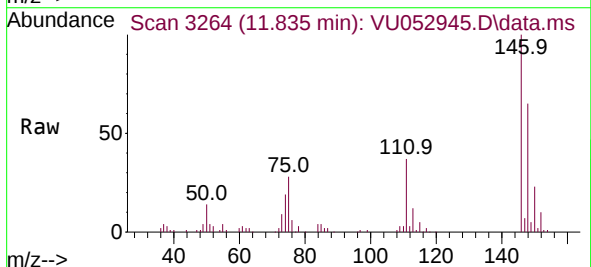
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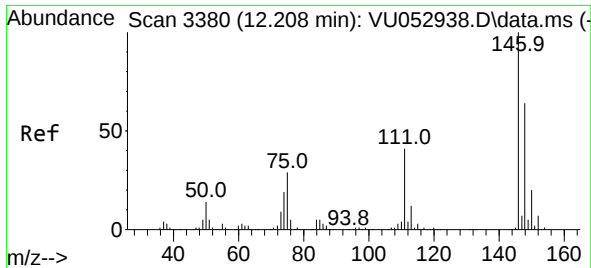
Tgt Ion:146 Resp: 11164
 Ion Ratio Lower Upper
 146 100
 111 39.7 27.8 51.6
 148 64.4 45.5 84.5



#65
 1,4-Dichlorobenzene
 Concen: 19.953 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. 0.003 min
 Lab File: VU052945.D
 Acq: 03 Feb 2023 15:15

Tgt Ion:146 Resp: 71456
 Ion Ratio Lower Upper
 146 100
 111 37.1 26.7 49.7
 148 65.4 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 95.327 ug/L

RT: 12.208 min Scan# 3380

Delta R.T. 0.000 min

Lab File: VU052945.D

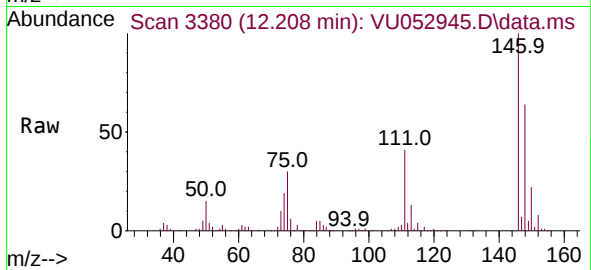
Acq: 03 Feb 2023 15:15

Instrument :

MSVOA_U

ClientSampleId :

A44K7DL



Tgt Ion:146 Resp: 333555

Ion Ratio Lower Upper

146 100

111 40.5 33.2 49.8

148 63.7 50.2 75.4

