

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020323\
 Data File : VU052947.D
 Acq On : 03 Feb 2023 16:02
 Operator : JC/MD
 Sample : 01412-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44M3

Quant Time: Feb 03 23:47:33 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)

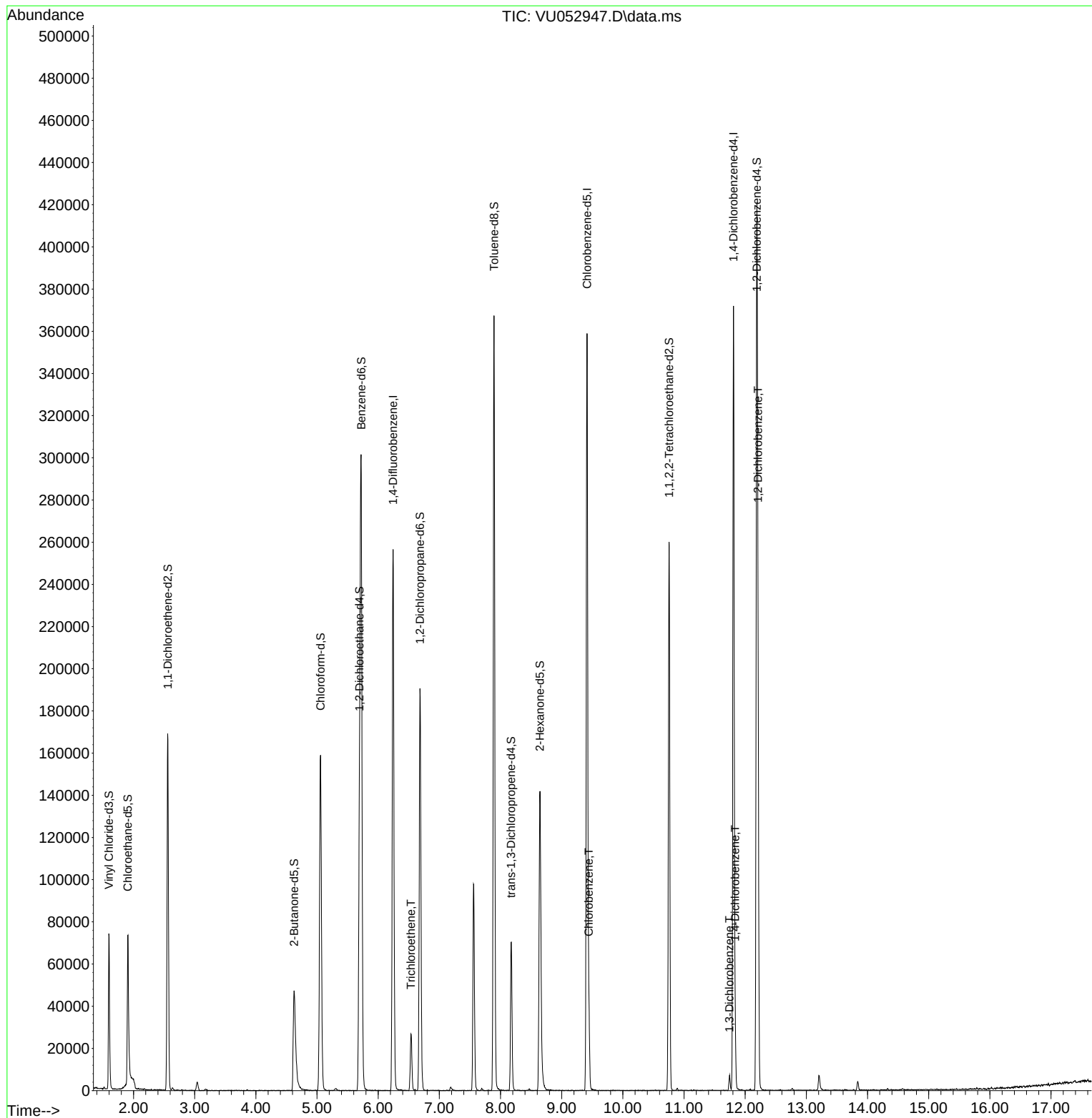
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	209697	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	206629	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	101825	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	58867	39.003	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.000%
7) Chloroethane-d5	1.906	69	58906	47.366	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.740%
11) 1,1-Dichloroethene-d2	2.559	63	99279	33.071	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.140%
21) 2-Butanone-d5	4.626	46	78676	84.382	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.380%
24) Chloroform-d	5.057	84	150427	46.700	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.693	65	102328	49.753	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.500%
32) Benzene-d6	5.722	84	280246	44.393	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.780%
36) 1,2-Dichloropropane-d6	6.684	67	85450	46.153	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.300%
41) Toluene-d8	7.893	98	242927	42.260	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.520%
43) trans-1,3-Dichloroprop...	8.172	79	41300	44.505	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.020%
47) 2-Hexanone-d5	8.642	63	53950	82.930	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.930%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	121351	44.361	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.720%
66) 1,2-Dichlorobenzene-d4	12.188	152	102849	52.018	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.040%
Target Compounds						
					Qvalue	
34) Trichloroethene	6.536	95	9157	5.122	ug/L	96
51) Chlorobenzene	9.443	112	20822	4.198	ug/L	97
64) 1,3-Dichlorobenzene	11.741	146	3551	1.070	ug/L	84
65) 1,4-Dichlorobenzene	11.835	146	14379	4.186	ug/L	94
67) 1,2-Dichlorobenzene	12.208	146	71457	21.292	ug/L	99

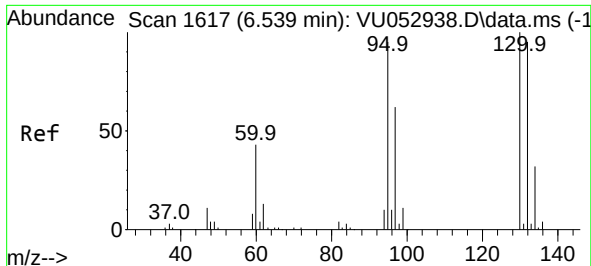
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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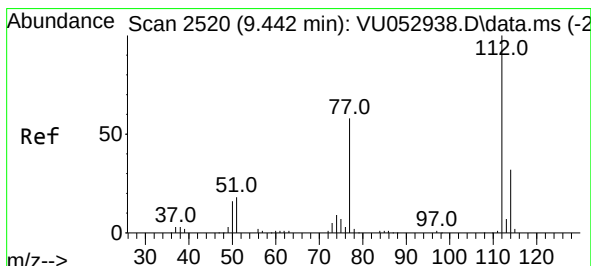
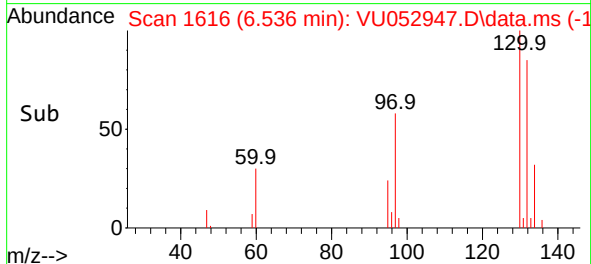
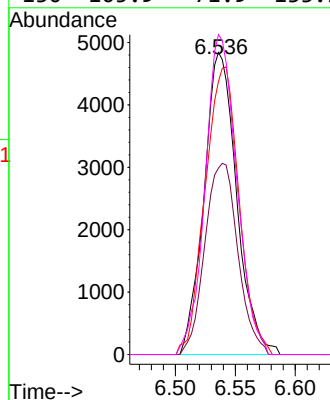
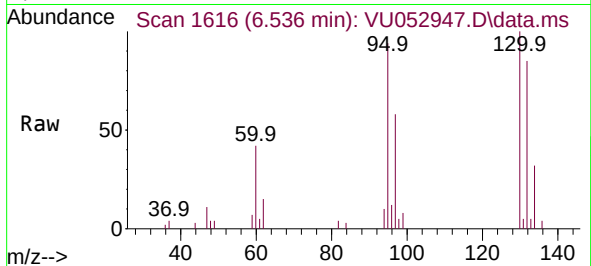


#34
Trichloroethene
Concen: 5.122 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU052947.D
Acq: 03 Feb 2023 16:02

Instrument :
MSVOA_U
ClientSampleId :
A44M3

Tgt Ion: 95 Resp: 9157

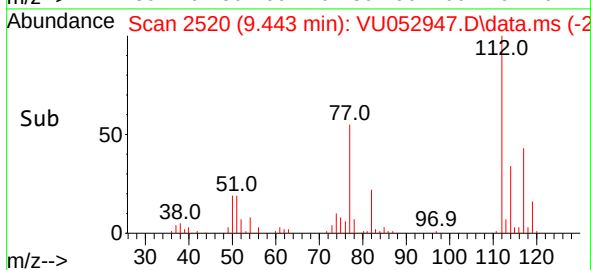
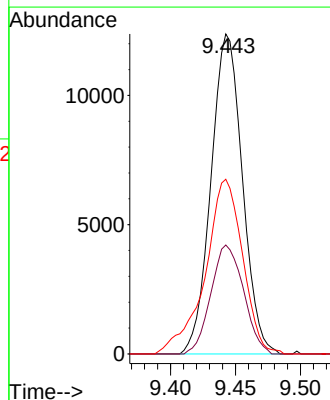
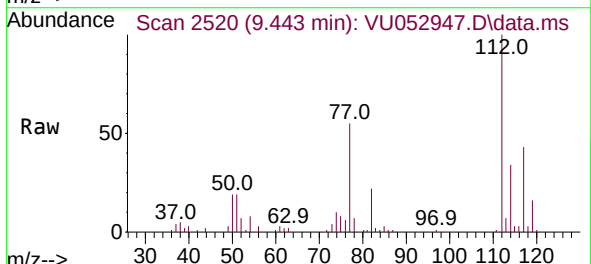
Ion	Ratio	Lower	Upper
95	100		
97	61.7	44.5	82.7
132	90.4	66.8	124.0
130	105.9	71.9	133.5

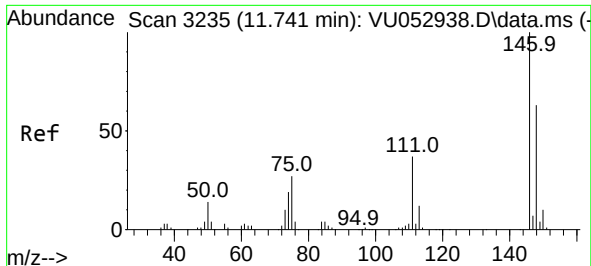


#51
Chlorobenzene
Concen: 4.198 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052947.D
Acq: 03 Feb 2023 16:02

Tgt Ion: 112 Resp: 20822

Ion	Ratio	Lower	Upper
112	100		
114	34.0	22.8	42.4
77	54.6	45.9	68.9

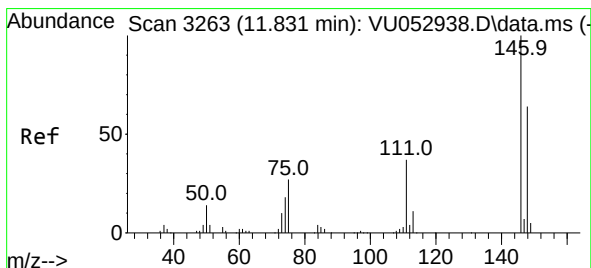
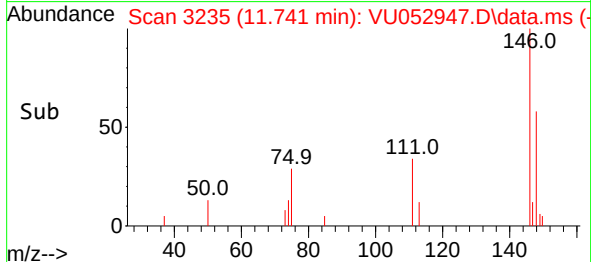
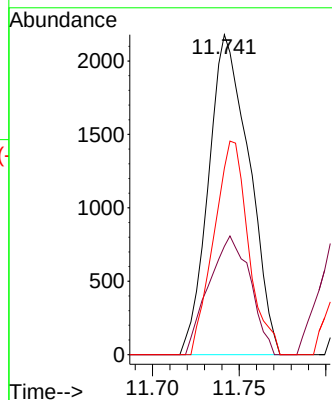
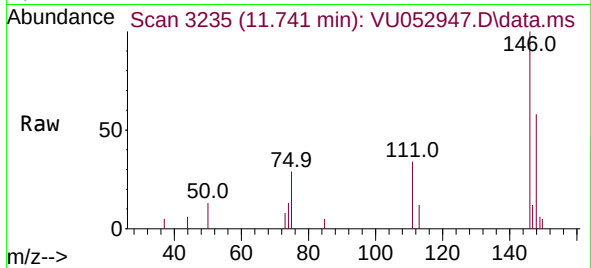




#64
1,3-Dichlorobenzene
Concen: 1.070 ug/L
RT: 11.741 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052947.D
Acq: 03 Feb 2023 16:02

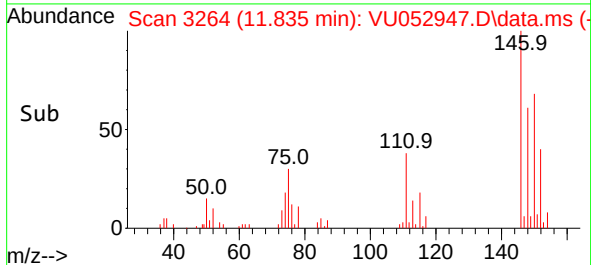
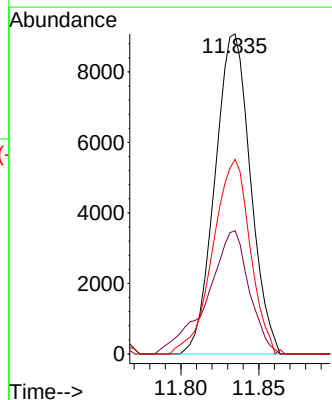
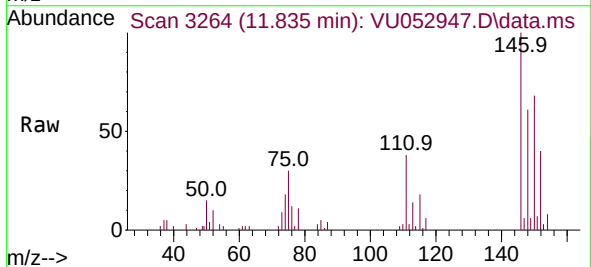
Instrument :
MSVOA_U
ClientSampleId :
A44M3

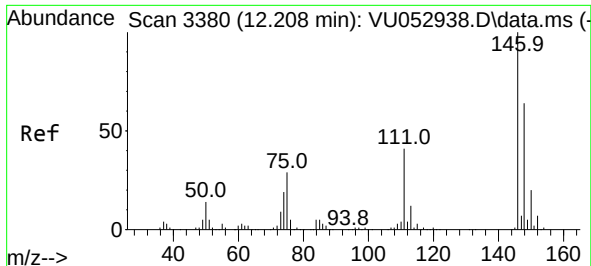
Tgt Ion:146 Resp: 3551
Ion Ratio Lower Upper
146 100
111 30.3 27.8 51.6
148 52.1 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 4.186 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU052947.D
Acq: 03 Feb 2023 16:02

Tgt Ion:146 Resp: 14379
Ion Ratio Lower Upper
146 100
111 41.9 26.7 49.7
148 60.8 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 21.292 ug/L

RT: 12.208 min Scan# 33

Delta R.T. 0.000 min

Lab File: VU052947.D

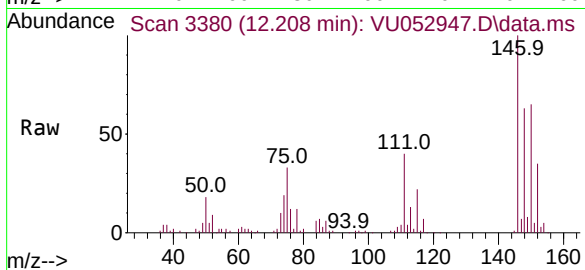
Acq: 03 Feb 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

A44M3



Tgt Ion:146 Resp: 71457

Ion Ratio Lower Upper

146 100

111 40.4 33.2 49.8

148 63.5 50.2 75.4

