

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
 Data File : VU053622.D
 Acq On : 10 Apr 2023 18:48
 Operator : JC/MD
 Sample : 02251-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMD7

Quant Time: Apr 11 02:24:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 02:19:45 2023
 Response via : Initial Calibration

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

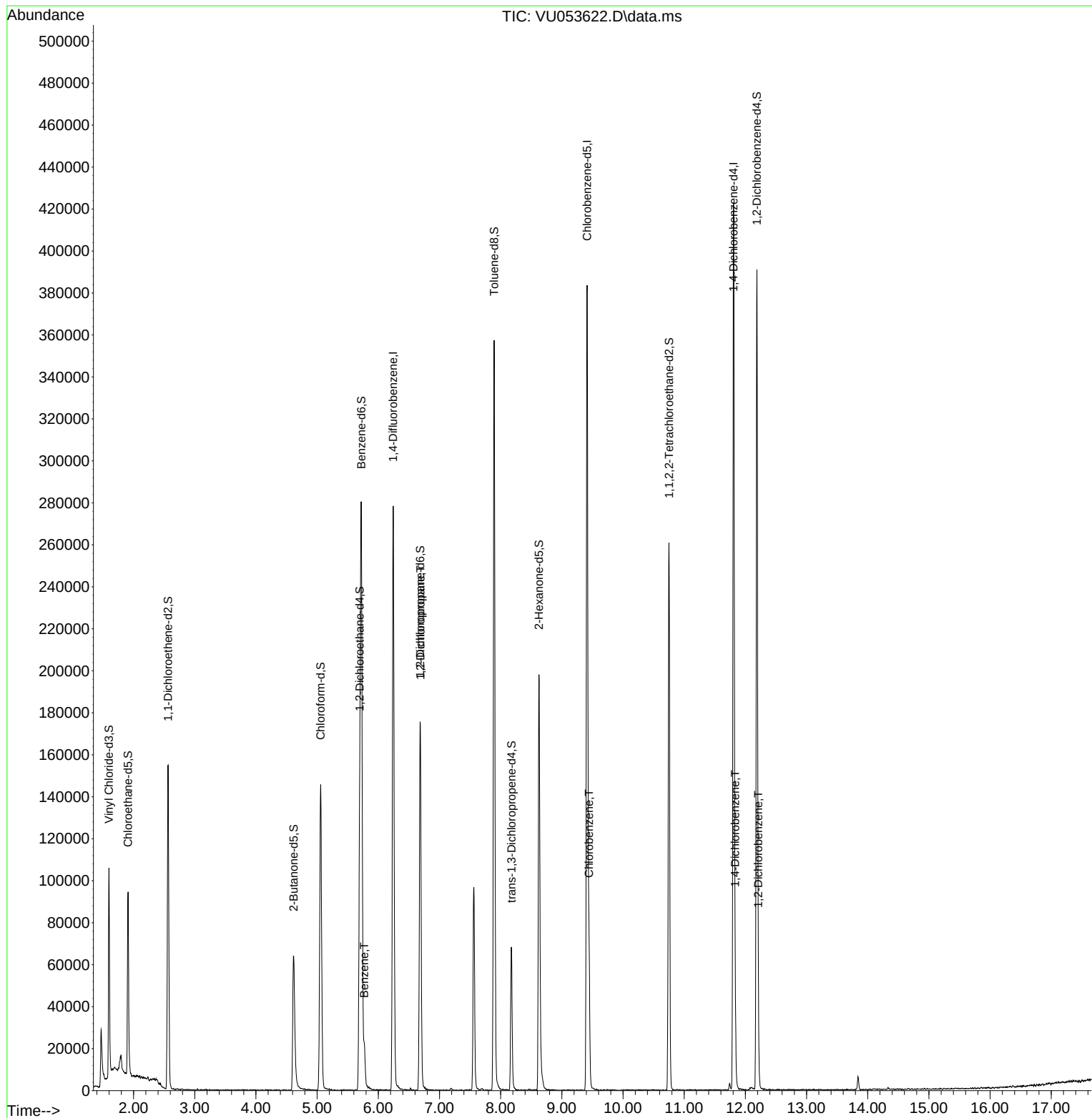
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	238206	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	223893	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	113078	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74443	40.135	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.260%
7) Chloroethane-d5	1.909	69	66455	46.468	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.940%
11) 1,1-Dichloroethene-d2	2.562	63	90415	31.490	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.980%
21) 2-Butanone-d5	4.617	46	91865	109.392	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.390%
24) Chloroform-d	5.057	84	134328	43.790	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.580%
26) 1,2-Dichloroethane-d4	5.697	65	87330	48.179	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.360%
32) Benzene-d6	5.723	84	273192	45.204	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.684	67	87480	47.358	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.720%
41) Toluene-d8	7.893	98	249692	41.569	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.140%
43) trans-1,3-Dichloroprop...	8.176	79	40289	42.253	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.500%
47) 2-Hexanone-d5	8.626	63	71237	112.997	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.000%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	128392	49.314	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.620%
66) 1,2-Dichlorobenzene-d4	12.189	152	103591	43.888	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.780%
Target Compounds						
					Qvalue	
33) Benzene	5.771	78	17236	2.955	ug/L	100
37) 1,2-Dichloropropane	6.687	63	8808	5.947	ug/L	# 86
51) Chlorobenzene	9.443	112	37460	8.224	ug/L	94
65) 1,4-Dichlorobenzene	11.832	146	17344	4.871	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	9339	2.682	ug/L	95

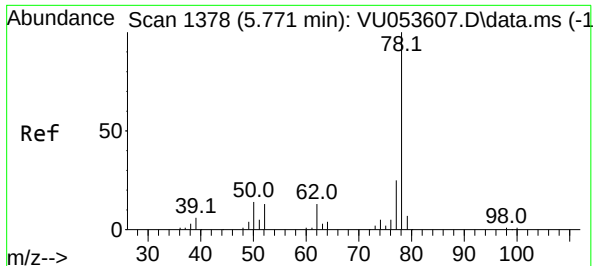
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 11 02:19:45 2023
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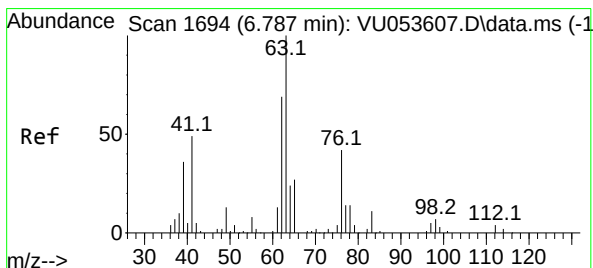
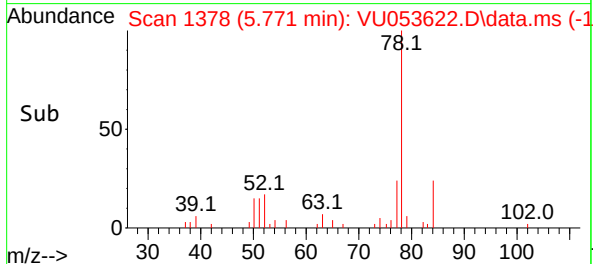
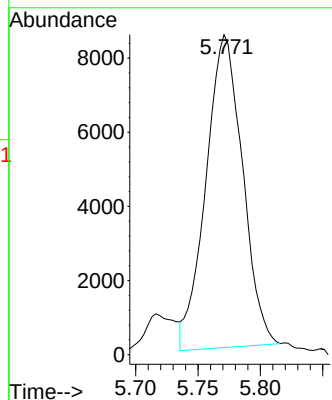
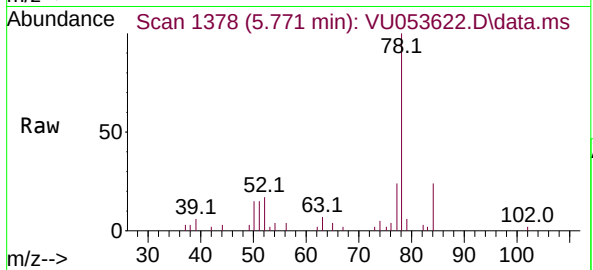




#33
Benzene
Concen: 2.955 ug/L
RT: 5.771 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053622.D
Acq: 10 Apr 2023 18:48

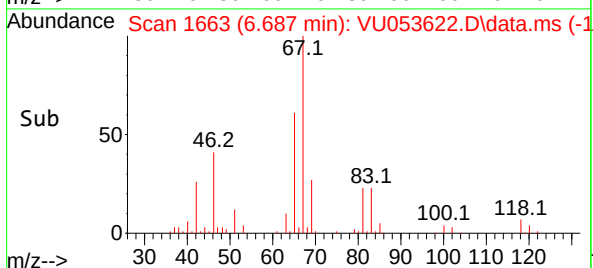
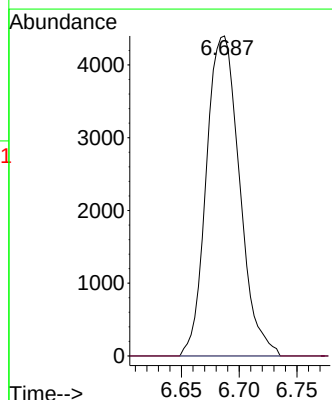
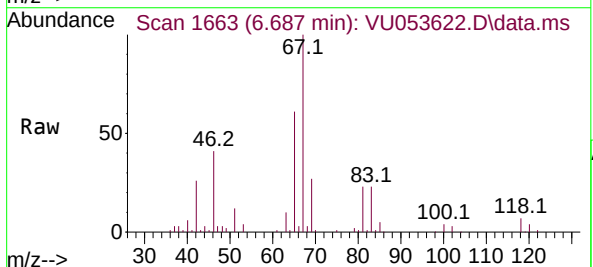
Instrument :
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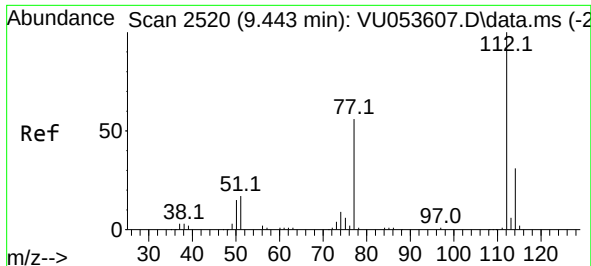
Tgt Ion: 78 Resp: 17236



#37
1,2-Dichloropropane
Concen: 5.947 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053622.D
Acq: 10 Apr 2023 18:48

Tgt Ion: 63 Resp: 8808
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

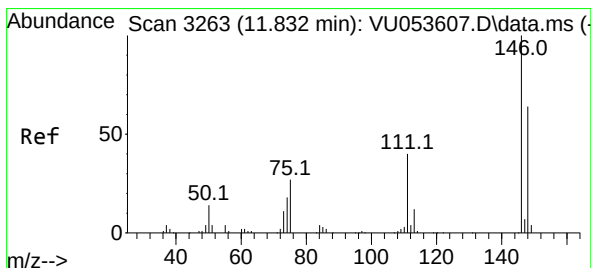
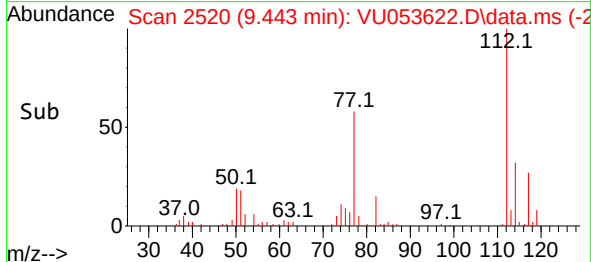
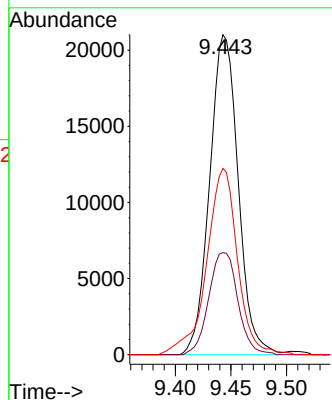
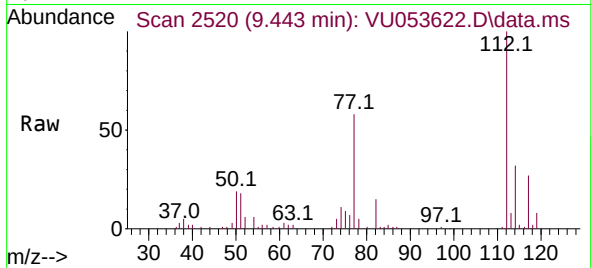




#51
Chlorobenzene
Concen: 8.224 ug/L
RT: 9.443 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053622.D
Acq: 10 Apr 2023 18:48

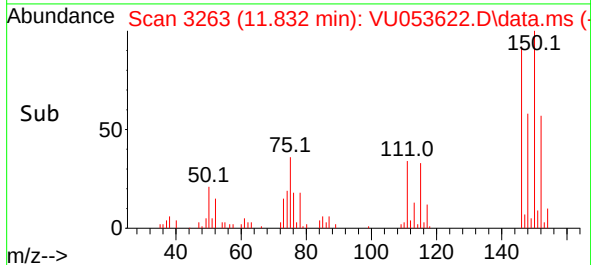
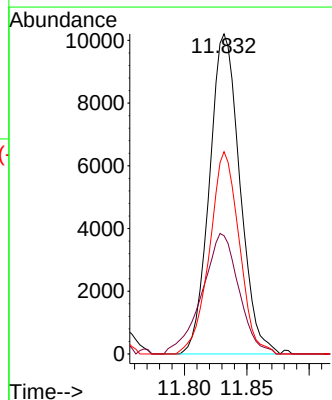
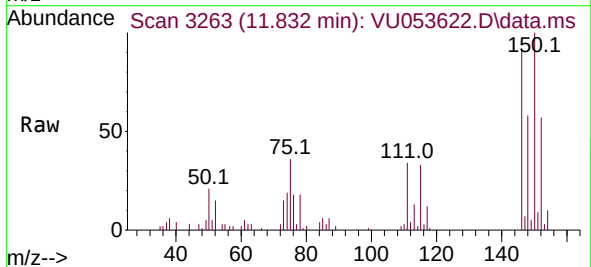
Instrument :
MSVOA_U
ClientSampleId :
COMD7

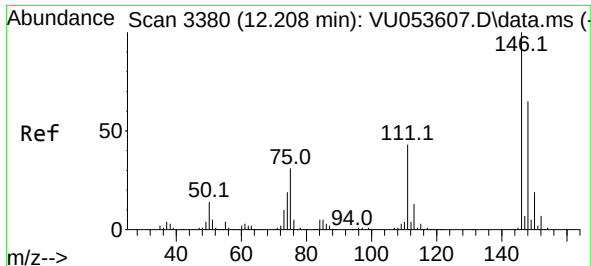
Tgt Ion:112 Resp: 37460
Ion Ratio Lower Upper
112 100
114 31.9 22.2 41.2
77 58.2 41.3 61.9



#65
1,4-Dichlorobenzene
Concen: 4.871 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU053622.D
Acq: 10 Apr 2023 18:48

Tgt Ion:146 Resp: 17344
Ion Ratio Lower Upper
146 100
111 37.0 25.1 46.5
148 63.2 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 2.682 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU053622.D

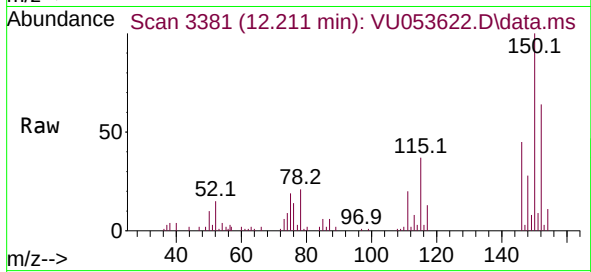
Acq: 10 Apr 2023 18:48

Instrument :

MSVOA_U

ClientSampleId :

C0MD7



Tgt Ion:146 Resp: 9339

Ion Ratio Lower Upper

146 100

111 44.0 31.5 47.3

148 62.1 51.6 77.4

