

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041123\
 Data File : VU053645.D
 Acq On : 11 Apr 2023 19:09
 Operator : JC/MD
 Sample : 02252-05 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COME1

Quant Time: Apr 12 02:27:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 12 02:22:37 2023
 Response via : Initial Calibration

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

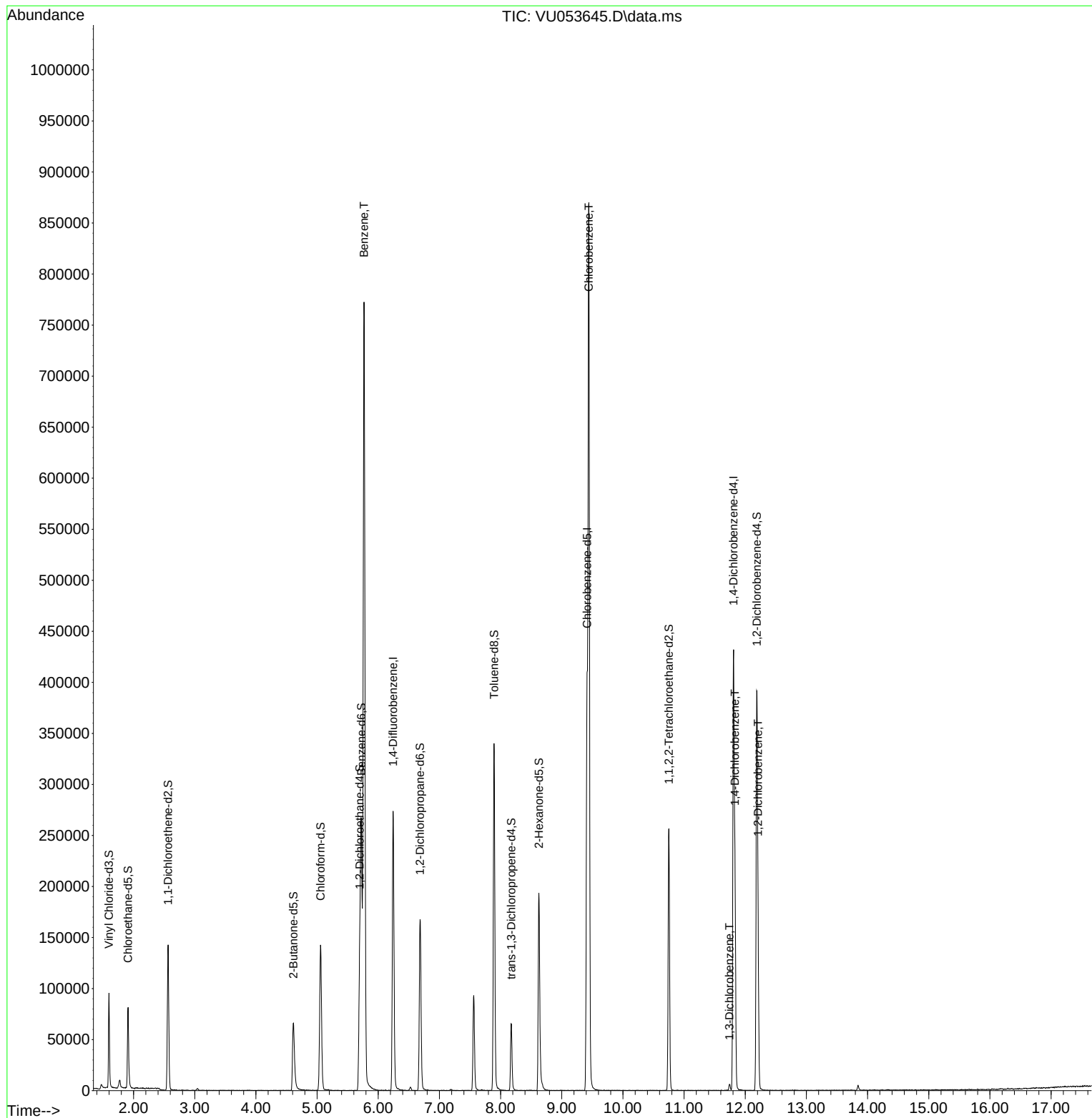
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	232798	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	220366	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	111794	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	66745	36.821	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.640%
7) Chloroethane-d5	1.909	69	61370	43.910	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.820%
11) 1,1-Dichloroethene-d2	2.562	63	81415	29.015	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.020%#
21) 2-Butanone-d5	4.613	46	94238	114.824	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.820%
24) Chloroform-d	5.057	84	128854	42.981	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.960%
26) 1,2-Dichloroethane-d4	5.697	65	84115	47.483	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.960%
32) Benzene-d6	5.722	84	258947	43.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.060%
36) 1,2-Dichloropropane-d6	6.684	67	84222	46.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.640%
41) Toluene-d8	7.893	98	235484	39.831	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.660%#
43) trans-1,3-Dichloroprop...	8.176	79	38308	40.818	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.640%
47) 2-Hexanone-d5	8.626	63	68965	111.144	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.140%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	125482	48.968	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.940%
66) 1,2-Dichlorobenzene-d4	12.188	152	98379	42.159	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.320%
Target Compounds						
					Qvalue	
33) Benzene	5.767	78	762995	132.891	ug/L	100
51) Chlorobenzene	9.443	112	482560	107.642	ug/L	97
64) 1,3-Dichlorobenzene	11.741	146	3084	0.893	ug/L	89
65) 1,4-Dichlorobenzene	11.832	146	85853	24.390	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	54154	15.733	ug/L	97

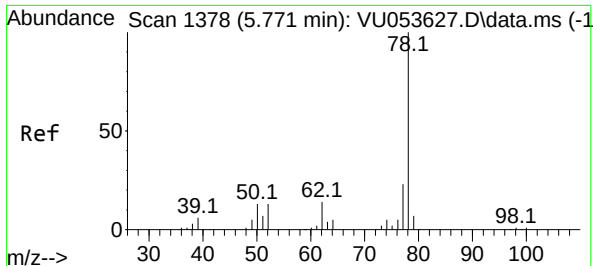
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Apr 12 02:22:37 2023
Response via : Initial Calibration

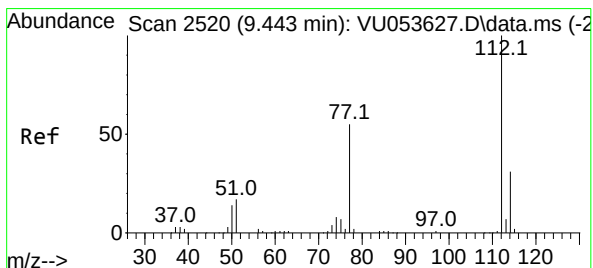
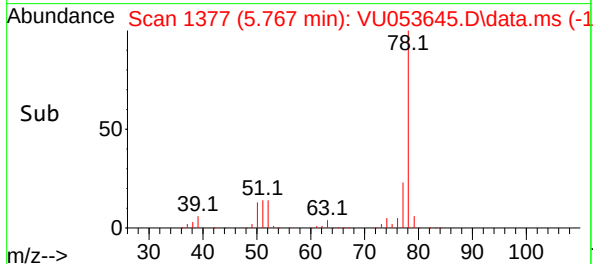
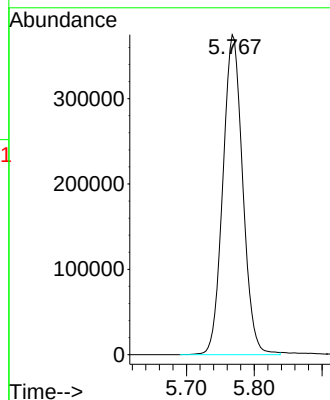
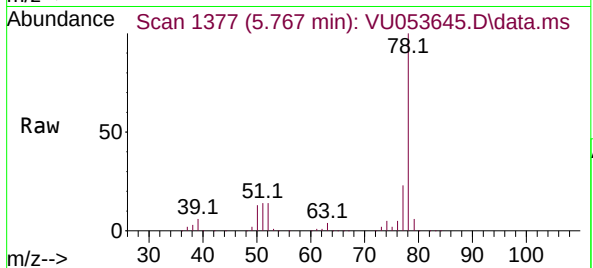




#33
Benzene
Concen: 132.891 ug/L
RT: 5.767 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053645.D
Acq: 11 Apr 2023 19:09

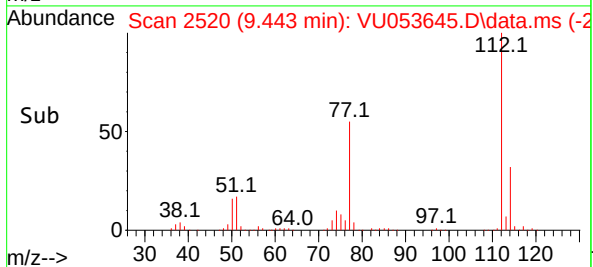
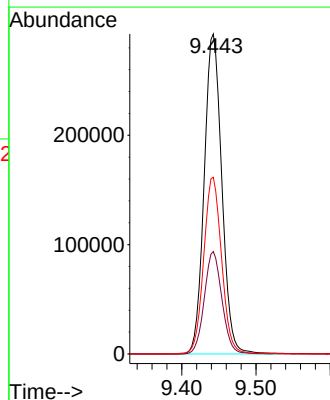
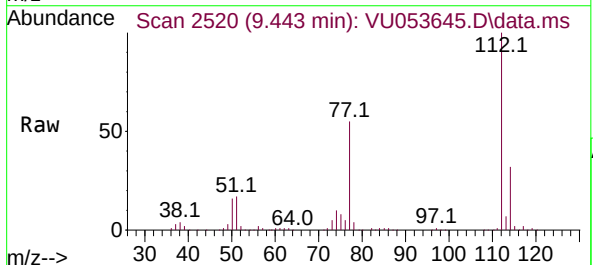
Instrument :
MSVOA_U
ClientSampleId :
COME1

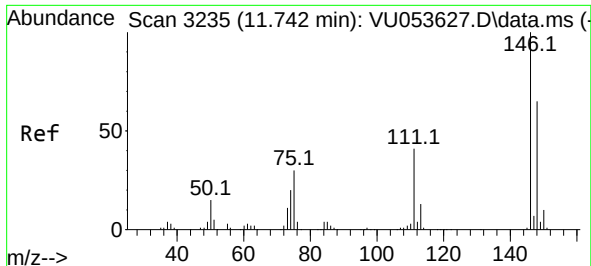
Tgt Ion: 78 Resp: 762995



#51
Chlorobenzene
Concen: 107.642 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053645.D
Acq: 11 Apr 2023 19:09

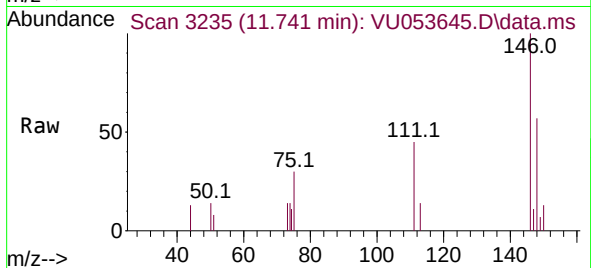
Tgt Ion: 112 Resp: 482560
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 55.2 41.3 61.9



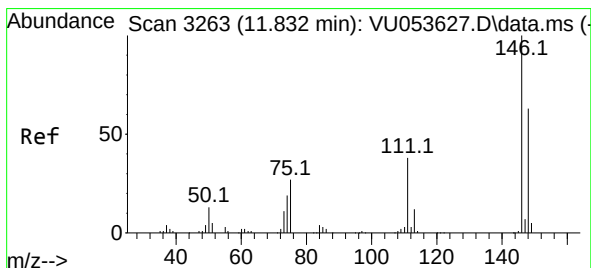
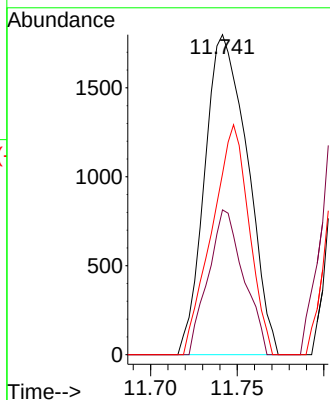
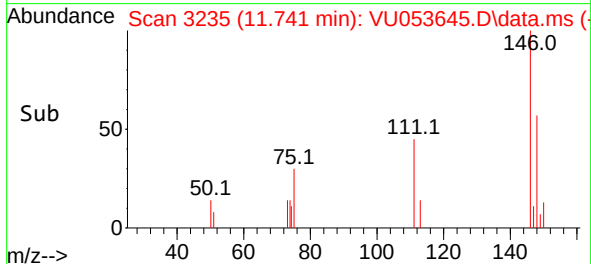


#64
1,3-Dichlorobenzene
Concen: 0.893 ug/L
RT: 11.741 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU053645.D
Acq: 11 Apr 2023 19:09

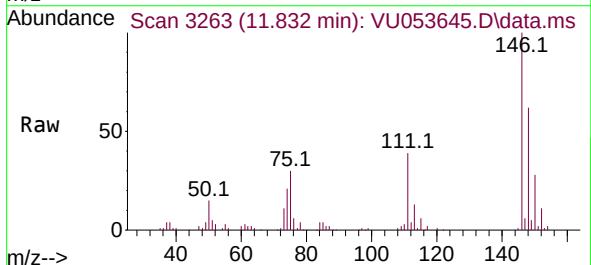
Instrument :
MSVOA_U
ClientSampleId :
COME1



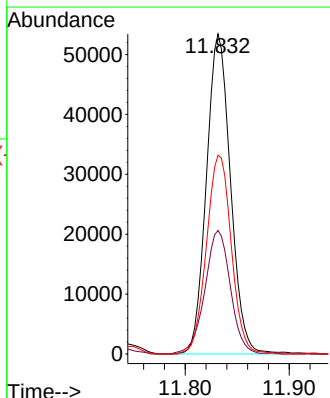
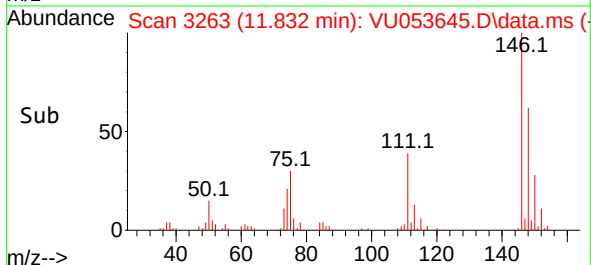
Tgt Ion:146 Resp: 3084
Ion Ratio Lower Upper
146 100
111 45.2 25.7 47.7
148 56.5 44.2 82.2

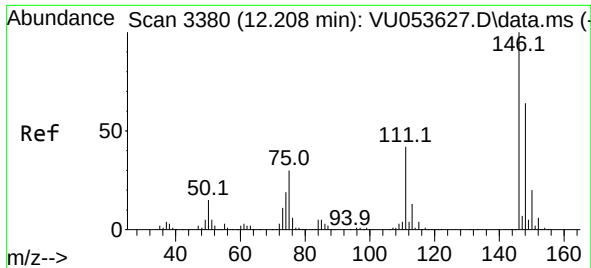


#65
1,4-Dichlorobenzene
Concen: 24.390 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU053645.D
Acq: 11 Apr 2023 19:09



Tgt Ion:146 Resp: 85853
Ion Ratio Lower Upper
146 100
111 38.6 25.1 46.5
148 62.1 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 15.733 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053645.D

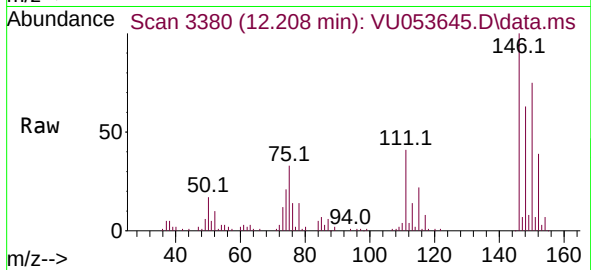
Acq: 11 Apr 2023 19:09

Instrument :

MSVOA_U

ClientSampleId :

COME1



Tgt Ion:	146	Resp:	54154
Ion Ratio	Lower	Upper	
146	100		
111	41.4	31.5	47.3
148	62.8	51.6	77.4

