

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041223\
 Data File : VU053665.D
 Acq On : 12 Apr 2023 16:29
 Operator : JC/MD
 Sample : 02252-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COME9

Quant Time: Apr 13 01:42:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 13 01:39:36 2023
 Response via : Initial Calibration

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

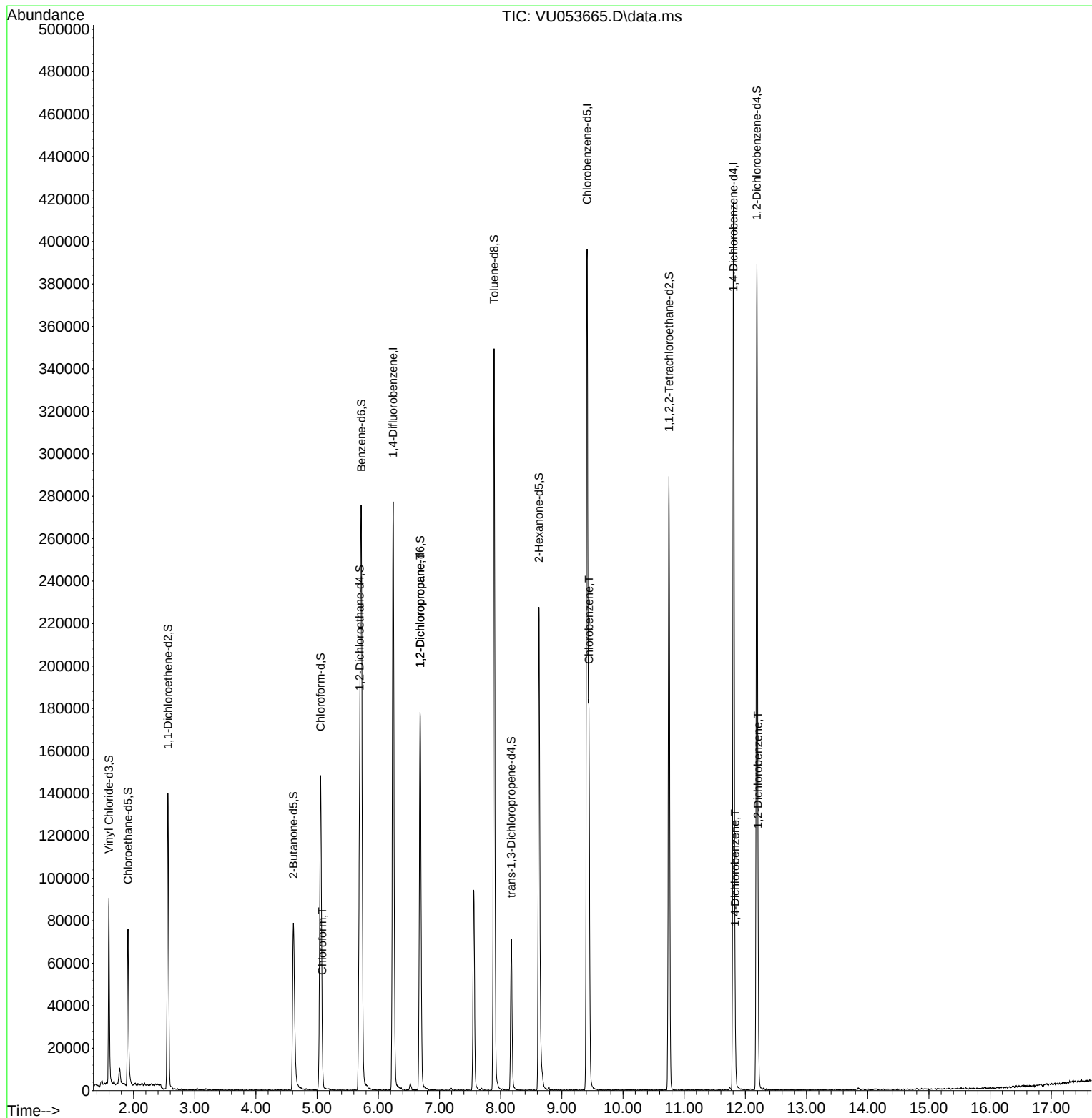
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	233767	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	227281	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	111899	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	64704	35.547	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.100%
7) Chloroethane-d5	1.909	69	61137	43.562	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.120%
11) 1,1-Dichloroethene-d2	2.562	63	81401	28.889	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.780%#
21) 2-Butanone-d5	4.613	46	110710	134.335	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	134.340%#
24) Chloroform-d	5.057	84	134751	44.762	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.520%
26) 1,2-Dichloroethane-d4	5.697	65	91033	51.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.360%
32) Benzene-d6	5.723	84	267019	43.524	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.040%
36) 1,2-Dichloropropane-d6	6.684	67	88388	47.136	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.280%
41) Toluene-d8	7.893	98	241878	39.668	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.340%#
43) trans-1,3-Dichloroprop...	8.173	79	41635	43.014	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.020%
47) 2-Hexanone-d5	8.626	63	81815	127.842	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.840%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	139256	52.690	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.380%
66) 1,2-Dichlorobenzene-d4	12.189	152	103286	44.220	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.440%
Target Compounds						
25) Chloroform	5.083	83	1762	0.643	ug/L	88
37) 1,2-Dichloropropane	6.684	63	9345	6.215	ug/L #	86
51) Chlorobenzene	9.443	112	90723	19.621	ug/L	92
65) 1,4-Dichlorobenzene	11.832	146	9487	2.693	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	7996	2.321	ug/L	94

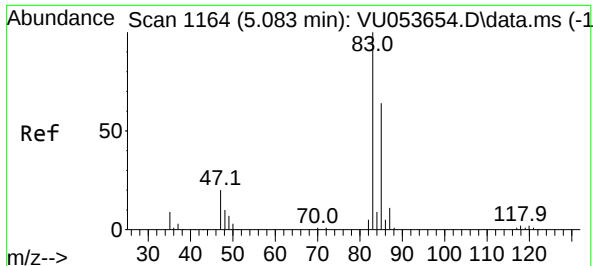
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 0.643 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

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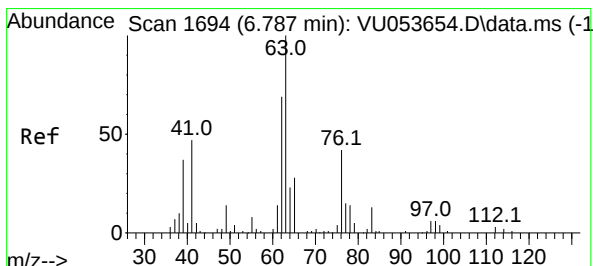
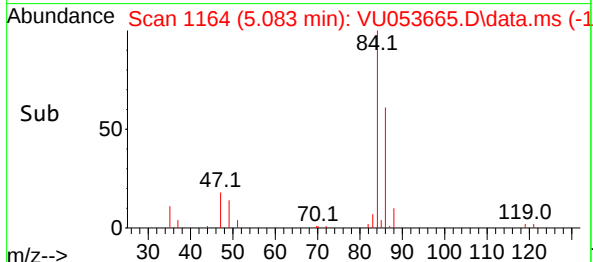
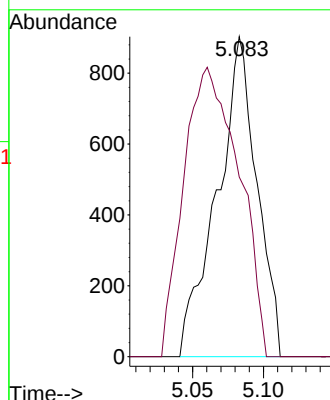
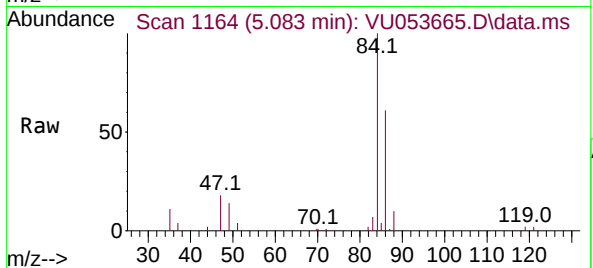
COME9

Tgt Ion: 83 Resp: 1762

Ion Ratio Lower Upper

83 100

85 56.1 46.1 85.5



#37

1,2-Dichloropropane

Concen: 6.215 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU053665.D

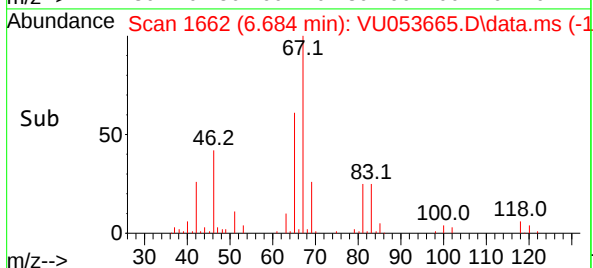
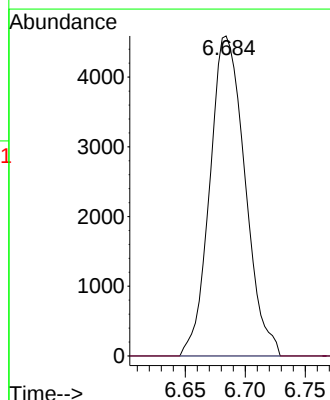
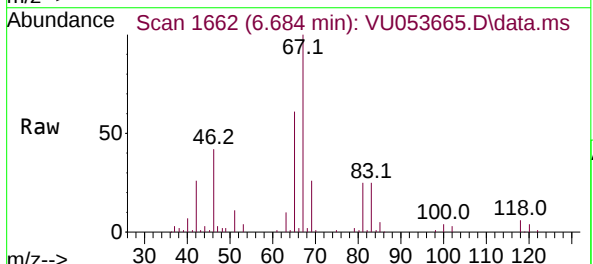
Acq: 12 Apr 2023 16:29

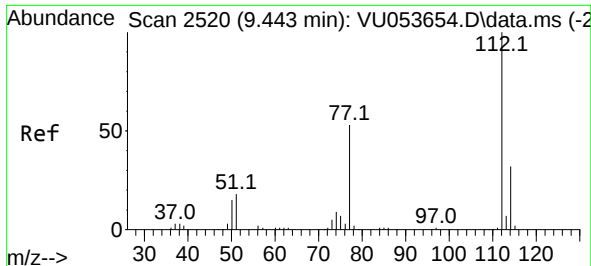
Tgt Ion: 63 Resp: 9345

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#

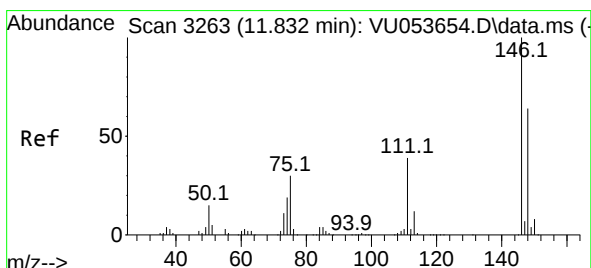
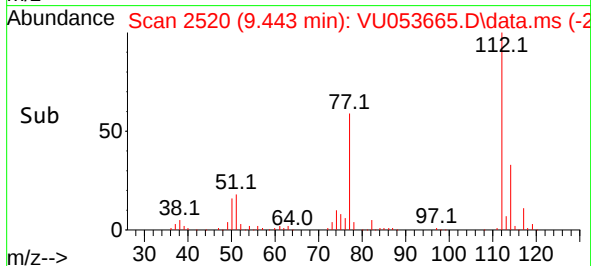
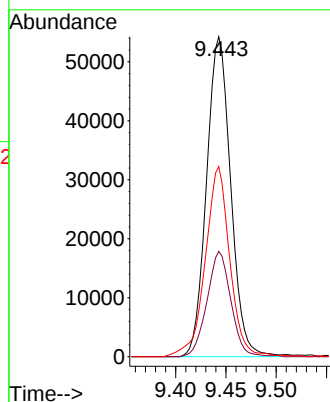
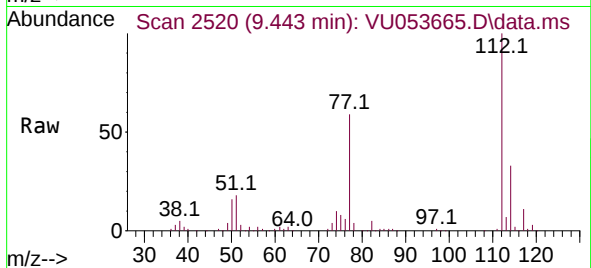




#51
Chlorobenzene
Concen: 19.621 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU053665.D
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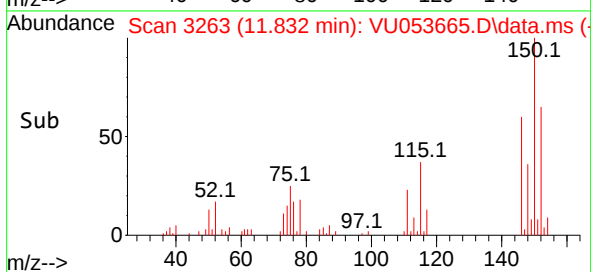
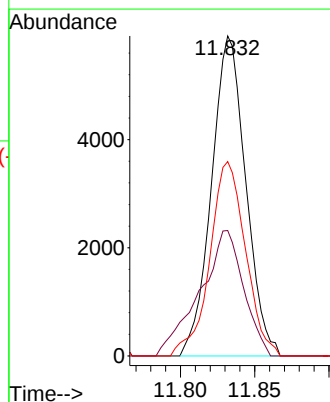
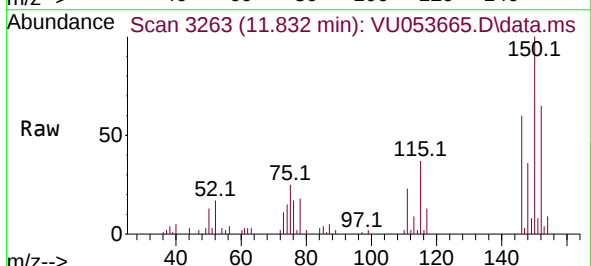
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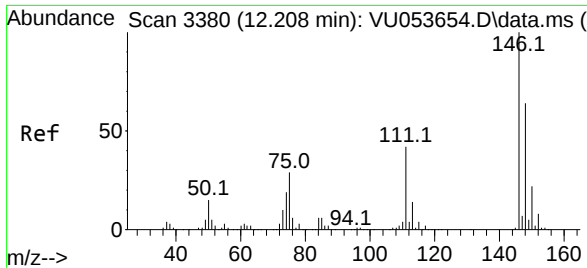
Tgt Ion:112 Resp: 90723
Ion Ratio Lower Upper
112 100
114 32.9 22.2 41.2
77 59.4 41.3 61.9



#65
1,4-Dichlorobenzene
Concen: 2.693 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU053665.D
Acq: 12 Apr 2023 16:29

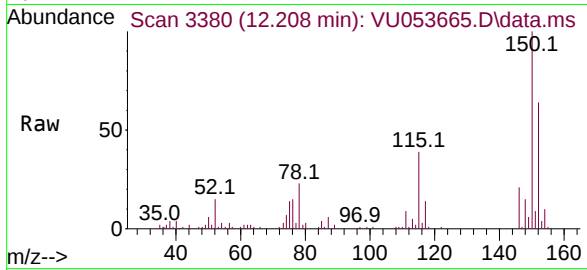
Tgt Ion:146 Resp: 9487
Ion Ratio Lower Upper
146 100
111 39.2 25.1 46.5
148 60.8 44.3 82.3





#67
 1,2-Dichlorobenzene
 Concen: 2.321 ug/L
 RT: 12.208 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU053665.D
 Acq: 12 Apr 2023 16:29

Instrument :
 MSVOA_U
 ClientSampleId :
 COME9



Tgt Ion:	146	Resp:	7996
Ion	Ratio	Lower	Upper
146	100		
111	43.2	31.5	47.3
148	68.9	51.6	77.4

