

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041123\
 Data File : VU053636.D
 Acq On : 11 Apr 2023 15:37
 Operator : JC/MD
 Sample : 02251-12DL 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMD0DL

Quant Time: Apr 12 02:25:08 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)

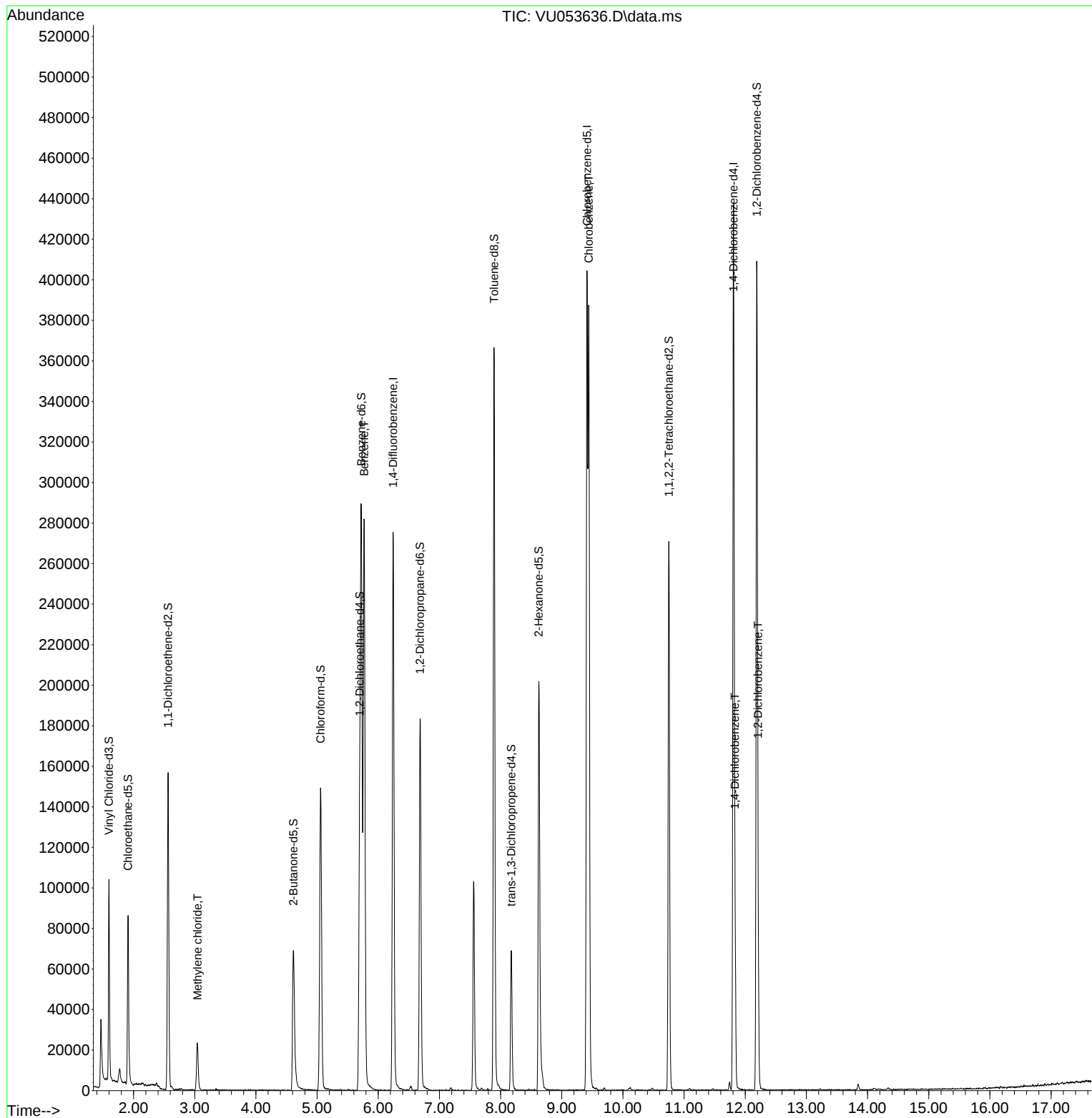
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	238939	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	225891	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	116192	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	71961	38.678	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.360%
7) Chloroethane-d5	1.909	69	64958	45.282	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.560%
11) 1,1-Dichloroethene-d2	2.565	63	88754	30.817	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.640%
21) 2-Butanone-d5	4.613	46	99505	118.126	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.130%
24) Chloroform-d	5.057	84	137377	44.647	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.300%
26) 1,2-Dichloroethane-d4	5.697	65	89344	49.139	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.280%
32) Benzene-d6	5.723	84	275388	45.165	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.320%
36) 1,2-Dichloropropane-d6	6.684	67	89505	48.025	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.060%
41) Toluene-d8	7.893	98	256751	42.366	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.740%
43) trans-1,3-Dichloroprop...	8.176	79	41478	43.115	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.240%
47) 2-Hexanone-d5	8.626	63	71621	112.601	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.600%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	134840	51.333	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.660%
66) 1,2-Dichlorobenzene-d4	12.189	152	105219	43.383	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.760%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	12353	7.496	ug/L	97
33) Benzene	5.771	78	286328	48.650	ug/L	100
51) Chlorobenzene	9.443	112	211224	45.964	ug/L	96
65) 1,4-Dichlorobenzene	11.832	146	31325	8.562	ug/L	94
67) 1,2-Dichlorobenzene	12.208	146	28747	8.035	ug/L	94

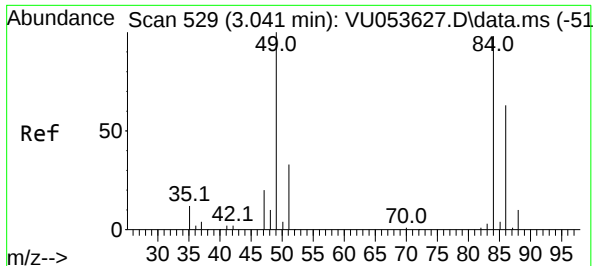
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 12 02:22:37 2023
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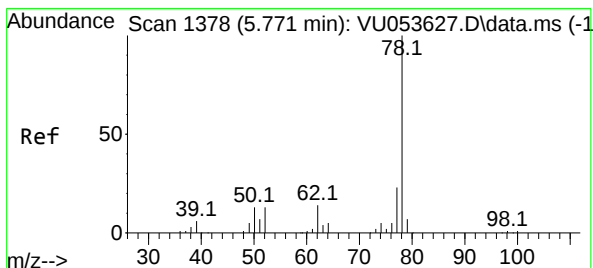
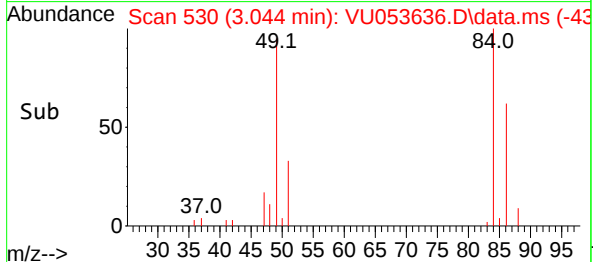
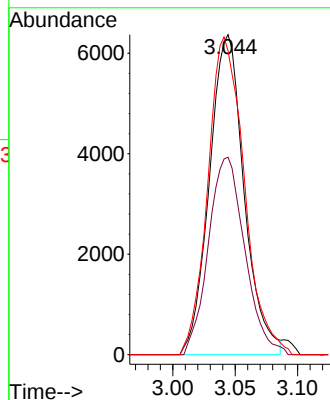
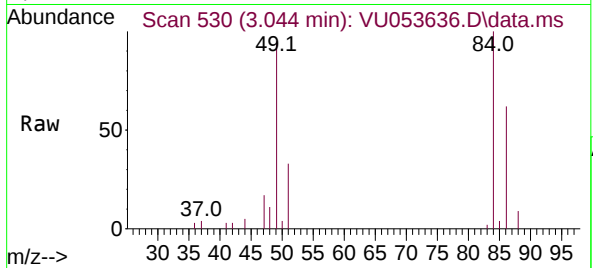




#16
Methylene chloride
Concen: 7.496 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053636.D
Acq: 11 Apr 2023 15:37

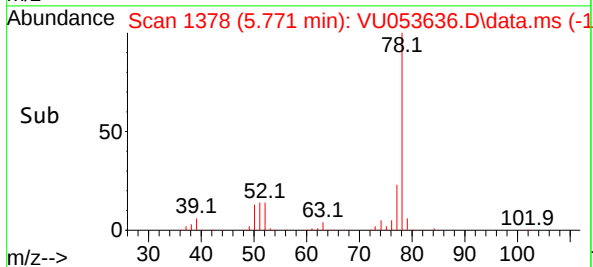
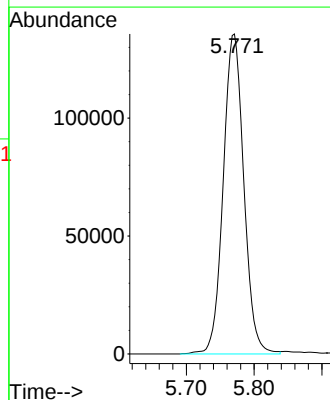
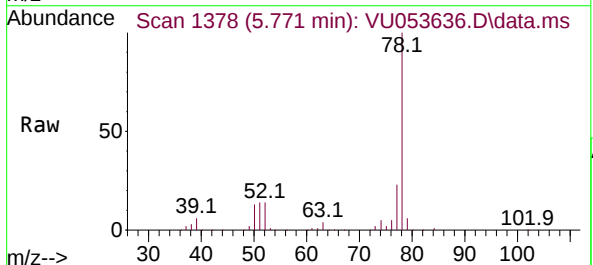
Instrument :
MSVOA_U
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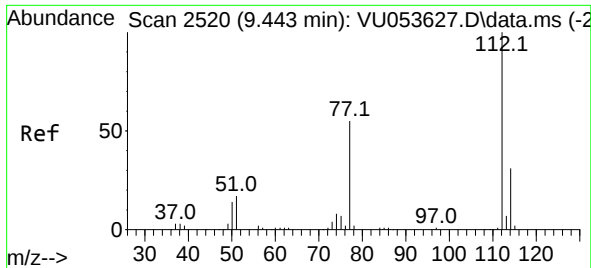
Tgt Ion: 84 Resp: 12353
Ion Ratio Lower Upper
84 100
86 61.7 43.5 80.9
49 95.0 69.7 129.5



#33
Benzene
Concen: 48.650 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU053636.D
Acq: 11 Apr 2023 15:37

Tgt Ion: 78 Resp: 286328

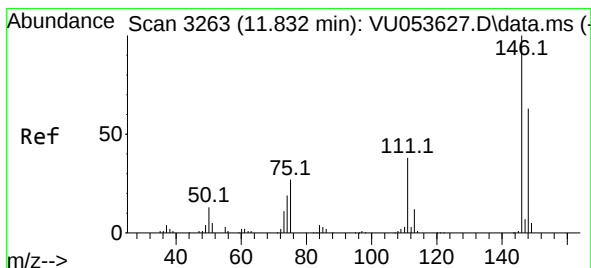
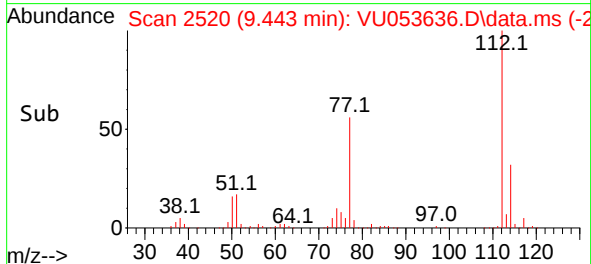
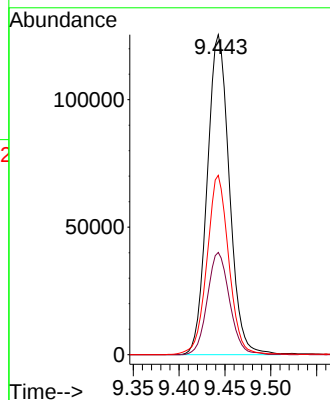
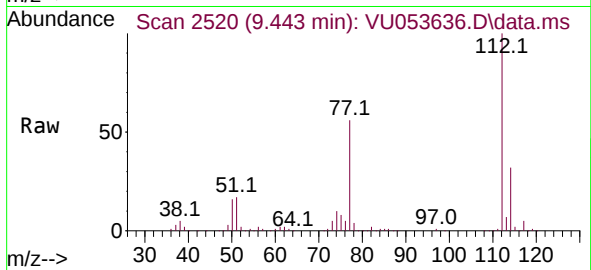




#51
Chlorobenzene
Concen: 45.964 ug/L
RT: 9.443 min Scan# 211224
Delta R.T. -0.000 min
Lab File: VU053636.D
Acq: 11 Apr 2023 15:37

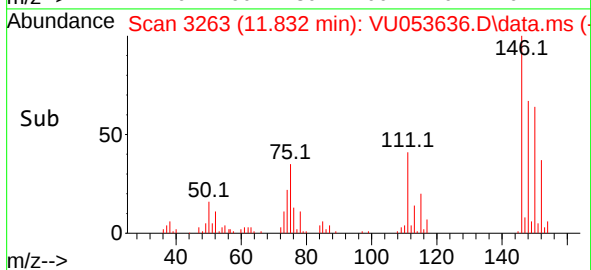
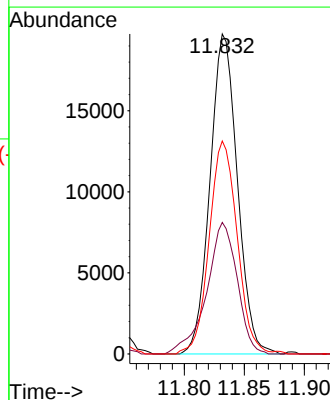
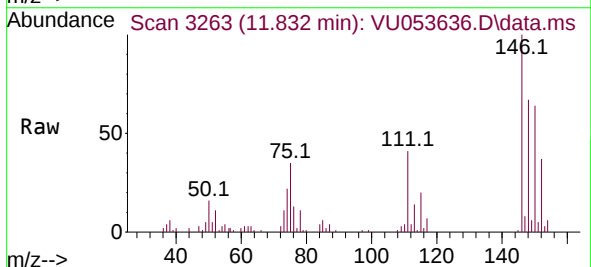
Instrument :
MSVOA_U
ClientSampleId :
COMD0DL

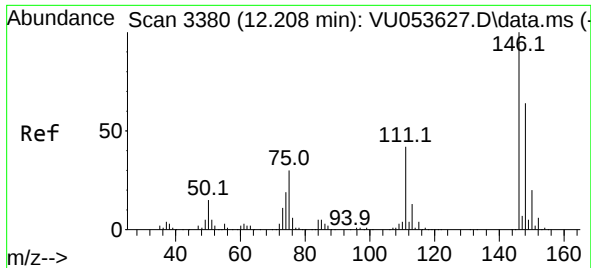
Tgt Ion:112 Resp: 211224
Ion Ratio Lower Upper
112 100
114 31.9 22.2 41.2
77 56.1 41.3 61.9



#65
1,4-Dichlorobenzene
Concen: 8.562 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU053636.D
Acq: 11 Apr 2023 15:37

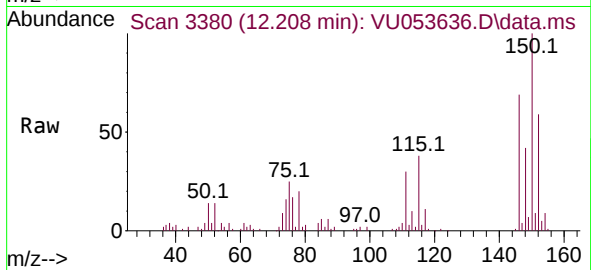
Tgt Ion:146 Resp: 31325
Ion Ratio Lower Upper
146 100
111 41.1 25.1 46.5
148 66.5 44.3 82.3





#67
 1,2-Dichlorobenzene
 Concen: 8.035 ug/L
 RT: 12.208 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053636.D
 Acq: 11 Apr 2023 15:37

Instrument :
 MSVOA_U
 ClientSampleId :
 COMD0DL



Tgt Ion:	146	Resp:	28747
Ion	Ratio	Lower	Upper
146	100		
111	43.9	31.5	47.3
148	60.5	51.6	77.4

