

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041123\
 Data File : VU053639.D
 Acq On : 11 Apr 2023 16:47
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK126

Quant Time: Apr 12 02:25:54 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)

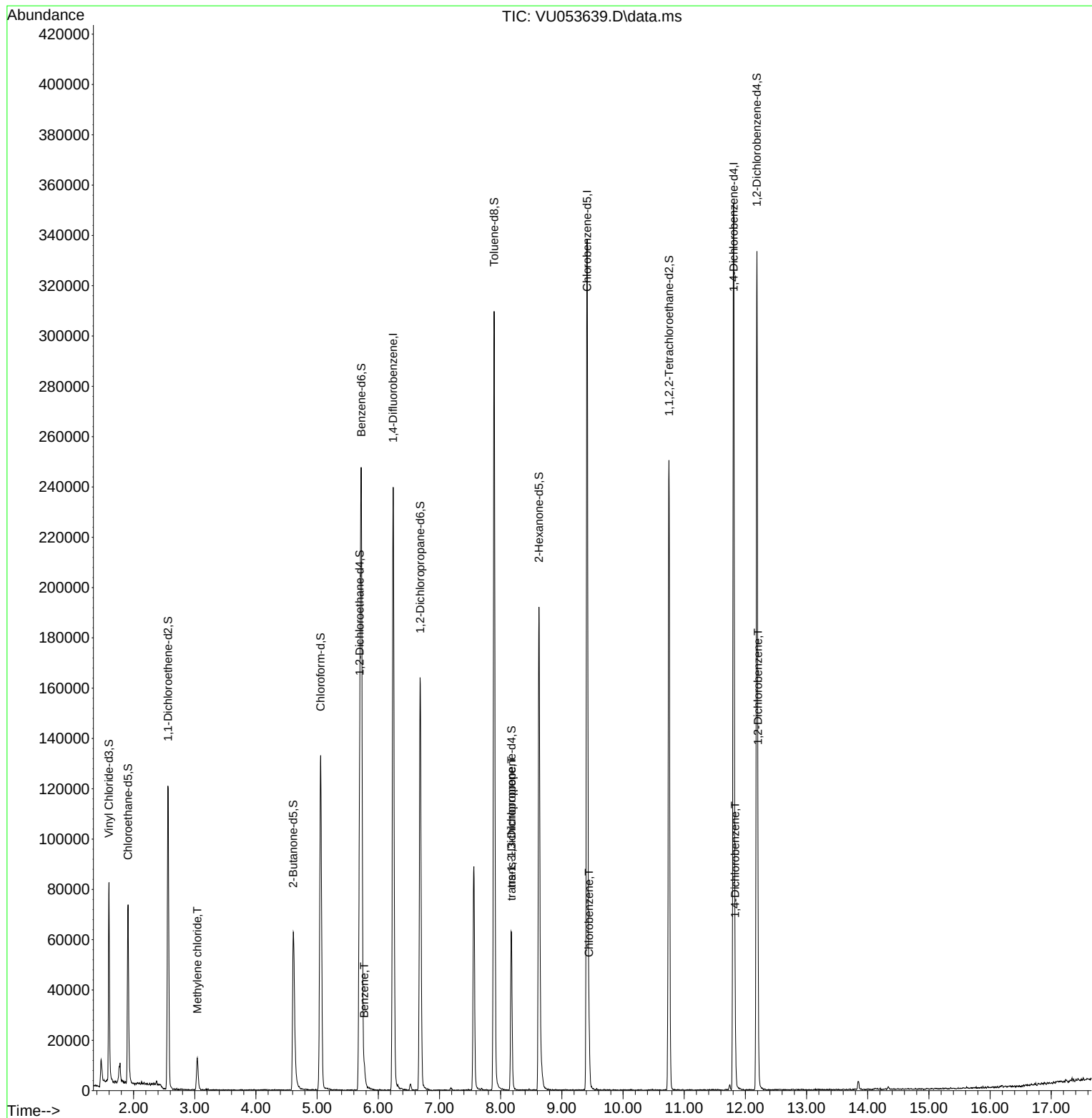
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	209614	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	196597	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	97556	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	57391	35.162	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.320%
7) Chloroethane-d5	1.909	69	56581	44.961	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.920%
11) 1,1-Dichloroethene-d2	2.562	63	69820	27.634	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.260%#
21) 2-Butanone-d5	4.610	46	91108	123.289	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.290%
24) Chloroform-d	5.057	84	121634	45.061	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.120%
26) 1,2-Dichloroethane-d4	5.697	65	81371	51.015	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.020%
32) Benzene-d6	5.723	84	239695	45.168	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.340%
36) 1,2-Dichloropropane-d6	6.684	67	79817	49.209	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.420%
41) Toluene-d8	7.893	98	214650	40.697	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.176	79	37514	44.805	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.620%
47) 2-Hexanone-d5	8.626	63	68485	123.715	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.710%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	121587	53.184	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.360%
66) 1,2-Dichlorobenzene-d4	12.189	152	88963	43.688	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.380%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.041	84	6590	4.558	ug/L	92
33) Benzene	5.771	78	7243	1.414	ug/L	100
44) trans-1,3-Dichloropropene	8.179	75	1736	0.864	ug/L	97
51) Chlorobenzene	9.443	112	11858	2.965	ug/L	94
65) 1,4-Dichlorobenzene	11.832	146	8155	2.655	ug/L	98
67) 1,2-Dichlorobenzene	12.205	146	4842	1.612	ug/L #	78

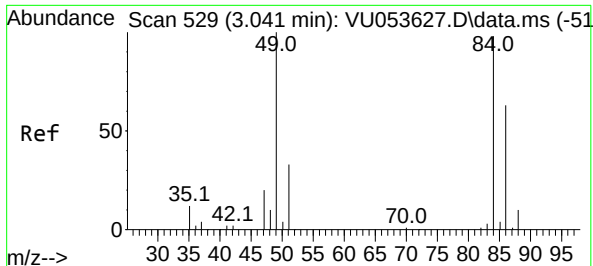
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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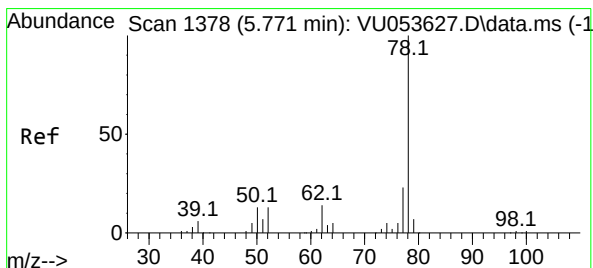
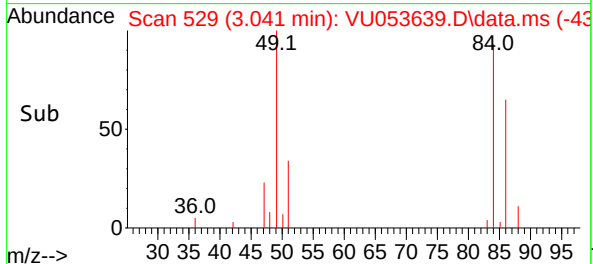
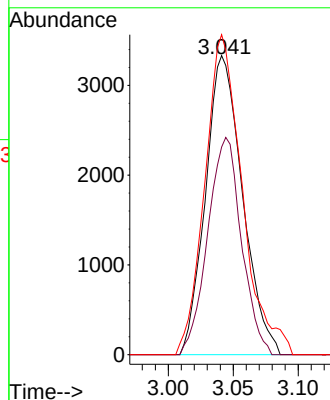
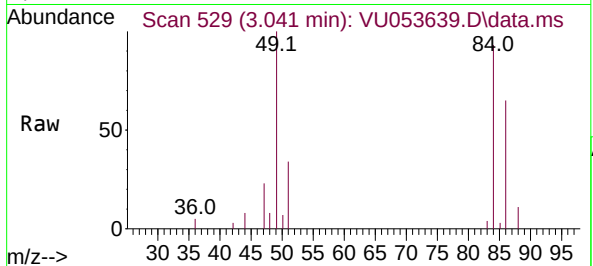




#16
Methylene chloride
Concen: 4.558 ug/L
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU053639.D
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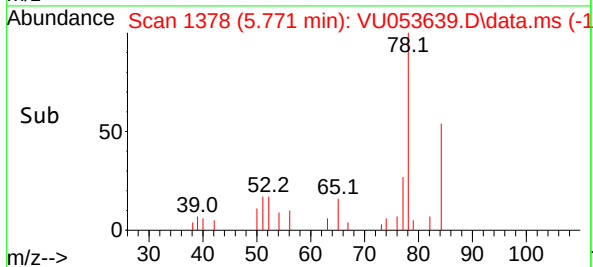
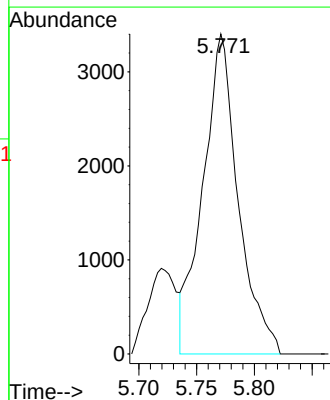
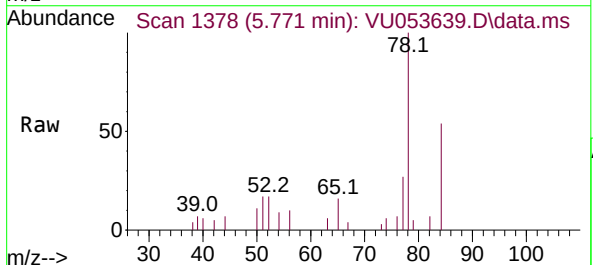
Instrument :
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VIBLK126

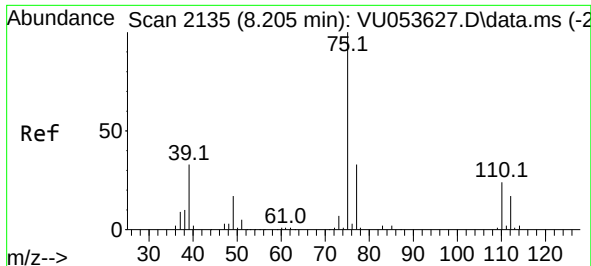
Tgt Ion: 84 Resp: 6590
Ion Ratio Lower Upper
84 100
86 69.4 43.5 80.9
49 107.0 69.7 129.5



#33
Benzene
Concen: 1.414 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU053639.D
Acq: 11 Apr 2023 16:47

Tgt Ion: 78 Resp: 7243

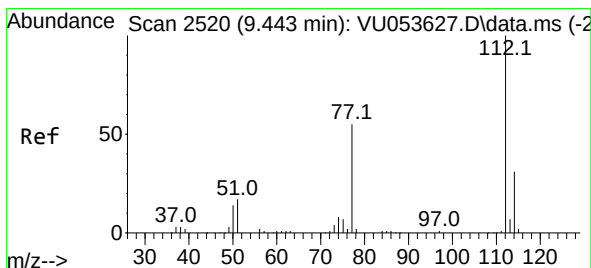
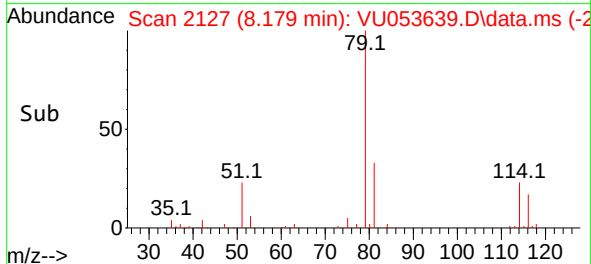
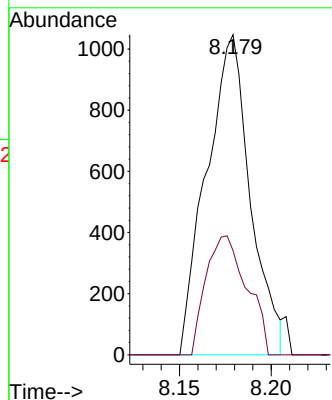
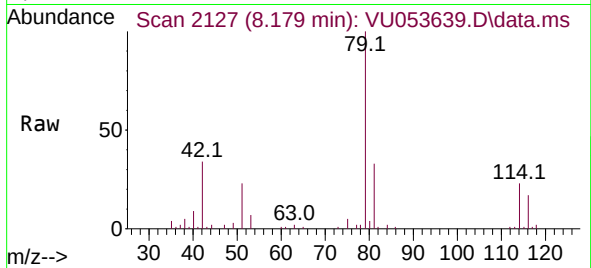




#44
trans-1,3-Dichloropropene
Concen: 0.864 ug/L
RT: 8.179 min Scan# 2135
Delta R.T. -0.026 min
Lab File: VU053639.D
Acq: 11 Apr 2023 16:47

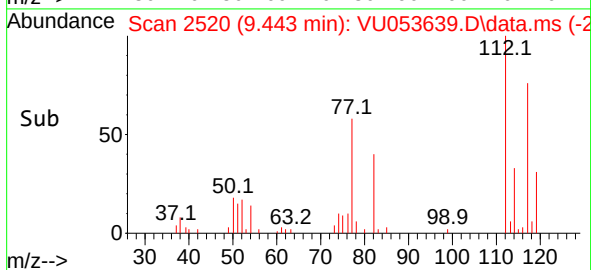
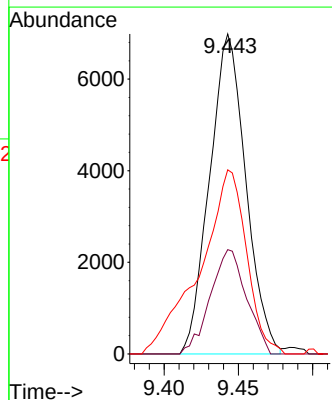
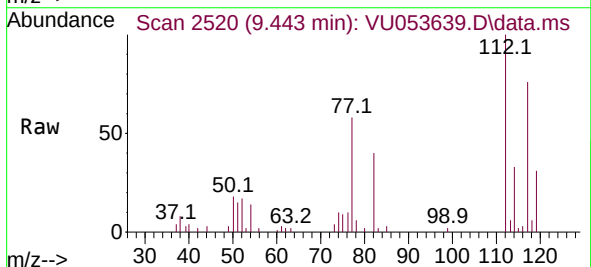
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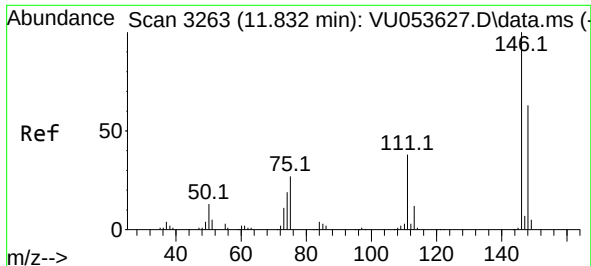
Tgt Ion: 75 Resp: 1736
Ion Ratio Lower Upper
75 100
77 32.6 21.8 40.4



#51
Chlorobenzene
Concen: 2.965 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU053639.D
Acq: 11 Apr 2023 16:47

Tgt Ion: 112 Resp: 11858
Ion Ratio Lower Upper
112 100
114 32.6 22.2 41.2
77 57.6 41.3 61.9





#65

1,4-Dichlorobenzene

Concen: 2.655 ug/L

RT: 11.832 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU053639.D

Acq: 11 Apr 2023 16:47

Instrument :

MSVOA_U

ClientSampleId :

VIBLK126

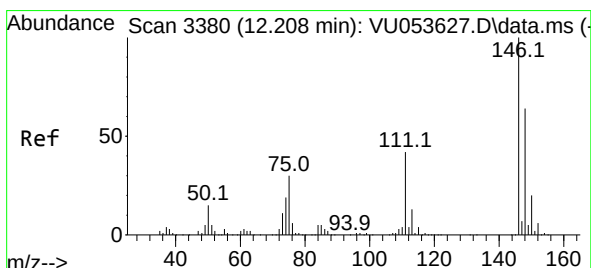
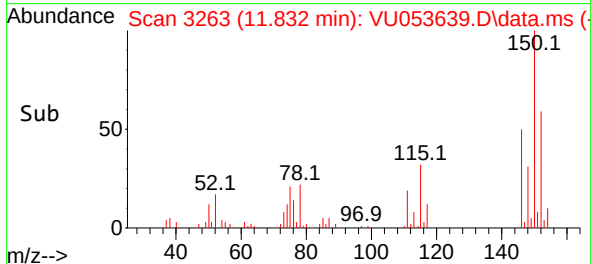
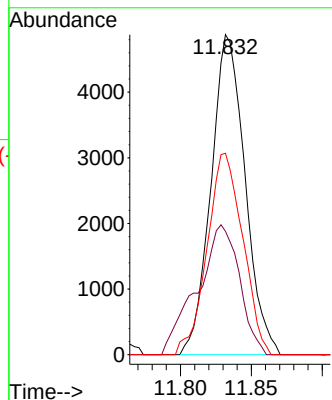
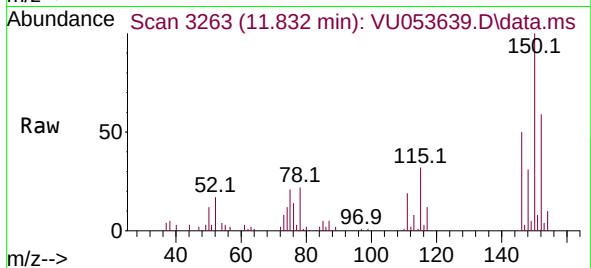
Tgt Ion:146 Resp: 8155

Ion Ratio Lower Upper

146 100

111 38.5 25.1 46.5

148 63.0 44.3 82.3



#67

1,2-Dichlorobenzene

Concen: 1.612 ug/L

RT: 12.205 min Scan# 3379

Delta R.T. -0.003 min

Lab File: VU053639.D

Acq: 11 Apr 2023 16:47

Tgt Ion:146 Resp: 4842

Ion Ratio Lower Upper

146 100

111 55.2 31.5 47.3#

148 79.4 51.6 77.4#

