

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041123\
 Data File : VU053640.D
 Acq On : 11 Apr 2023 17:10
 Operator : JC/MD
 Sample : 02252-15 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMF1

Quant Time: Apr 12 02:26:08 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)

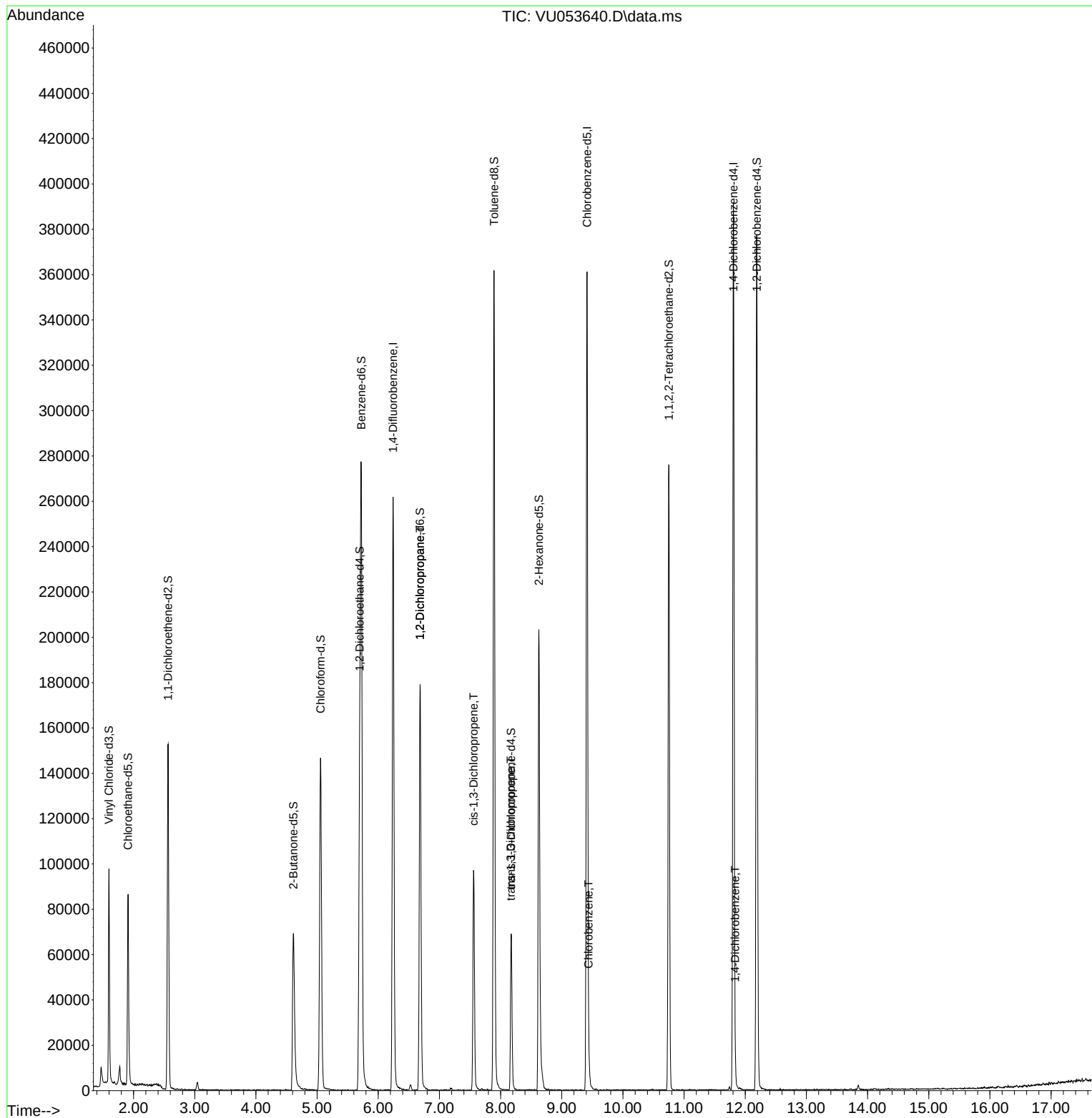
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	224559	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	213867	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	106920	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69845	39.944	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.880%
7) Chloroethane-d5	1.909	69	64714	48.001	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.562	63	85974	31.763	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.520%
21) 2-Butanone-d5	4.613	46	99295	125.425	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.420%
24) Chloroform-d	5.057	84	134164	46.395	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.780%
26) 1,2-Dichloroethane-d4	5.697	65	87989	51.493	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.980%
32) Benzene-d6	5.723	84	271088	46.959	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.920%
36) 1,2-Dichloropropane-d6	6.684	67	87555	49.620	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.240%
41) Toluene-d8	7.893	98	250790	43.709	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.420%
43) trans-1,3-Dichloroprop...	8.173	79	41004	45.019	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.040%
47) 2-Hexanone-d5	8.626	63	73125	121.430	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.430%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	131347	52.814	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.620%
66) 1,2-Dichlorobenzene-d4	12.189	152	104025	46.610	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.220%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	6.684	63	9278	6.558	ug/L #	86
39) cis-1,3-Dichloropropene	7.559	75	2719	1.176	ug/L #	74
44) trans-1,3-Dichloropropene	8.169	75	2038	0.932	ug/L	90
51) Chlorobenzene	9.439	112	4968	1.142	ug/L	90
65) 1,4-Dichlorobenzene	11.835	146	4540	1.349	ug/L	96

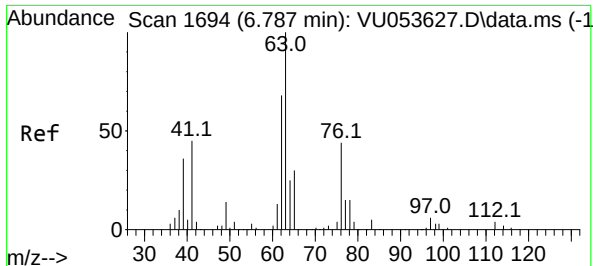
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#37

1,2-Dichloropropane

Concen: 6.558 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

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MSVOA_U

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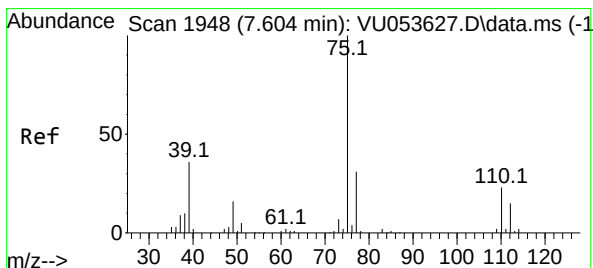
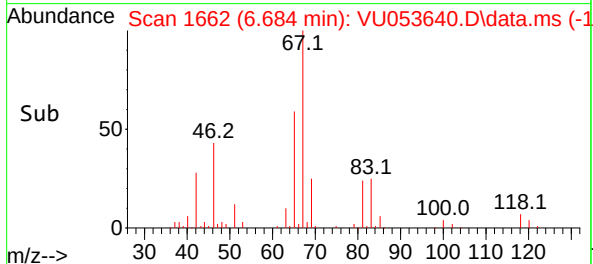
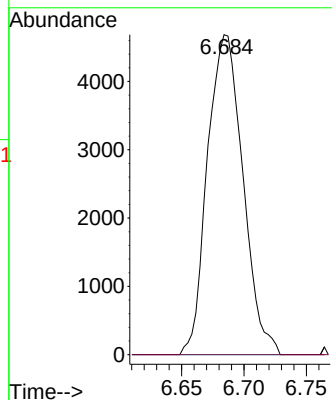
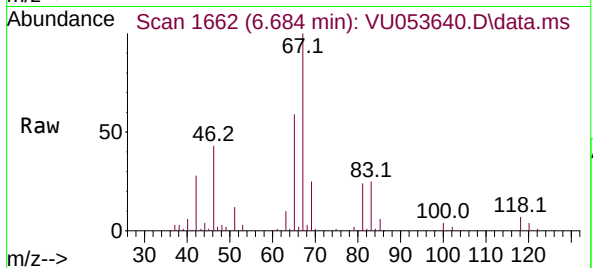
COMF1

Tgt Ion: 63 Resp: 9278

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.176 ug/L

RT: 7.559 min Scan# 1934

Delta R.T. -0.045 min

Lab File: VU053640.D

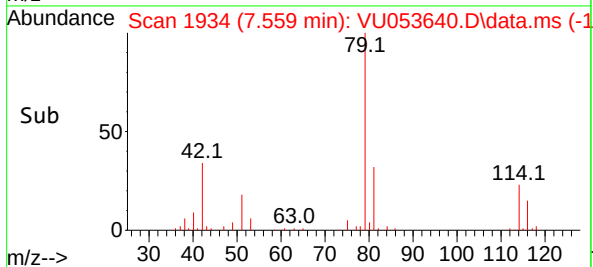
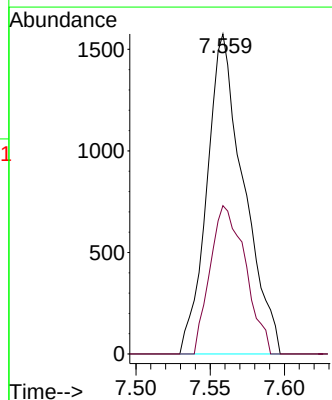
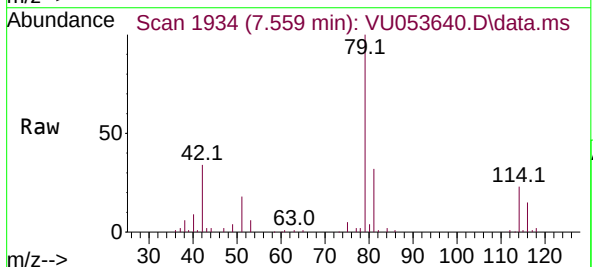
Acq: 11 Apr 2023 17:10

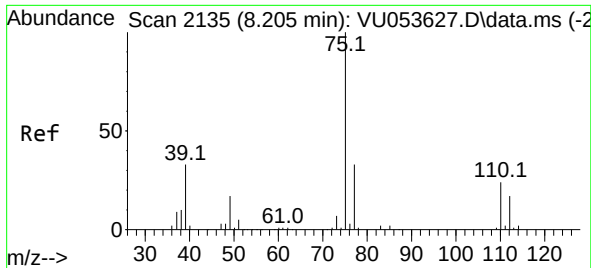
Tgt Ion: 75 Resp: 2719

Ion Ratio Lower Upper

75 100

77 46.4 22.5 41.7#

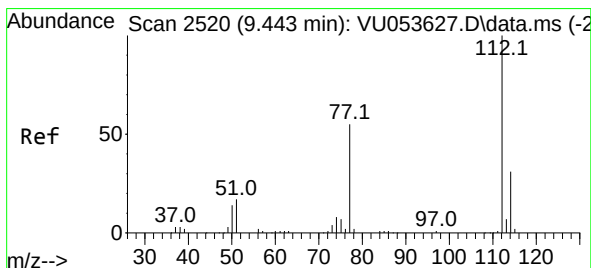
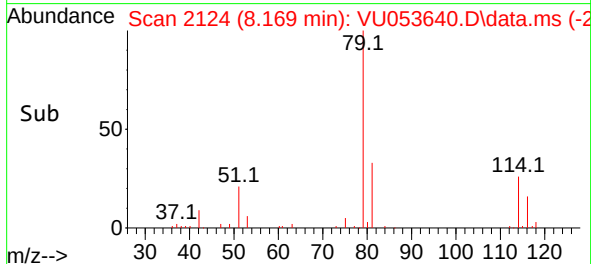
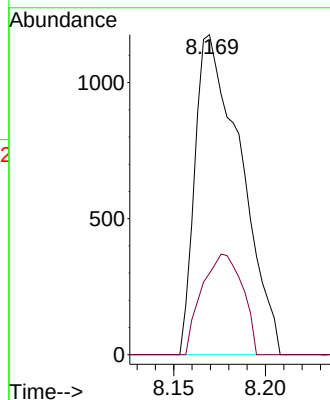
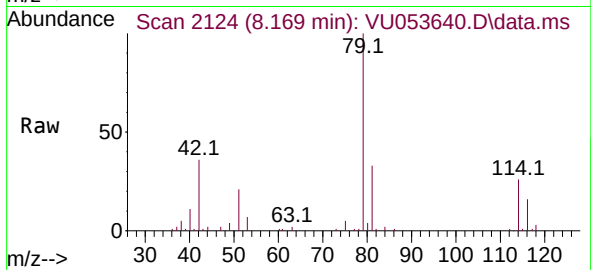




#44
trans-1,3-Dichloropropene
Concen: 0.932 ug/L
RT: 8.169 min Scan# 2135
Delta R.T. -0.035 min
Lab File: VU053640.D
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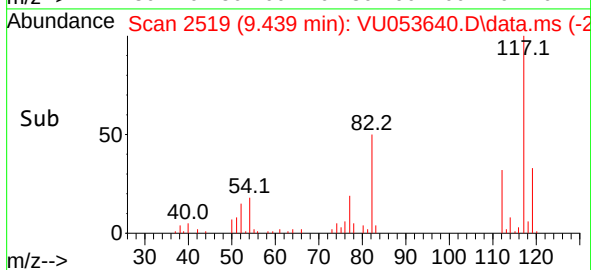
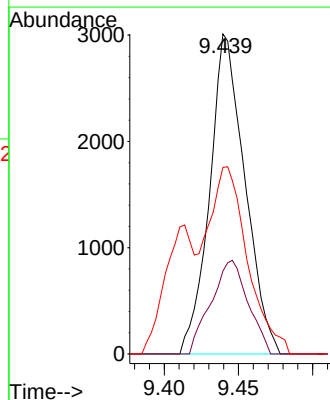
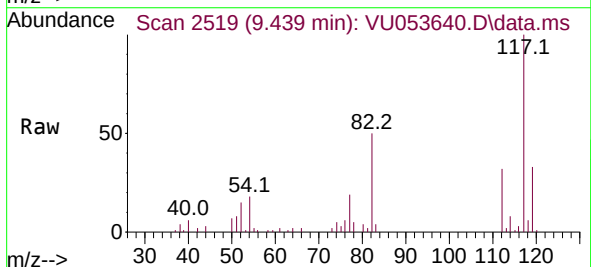
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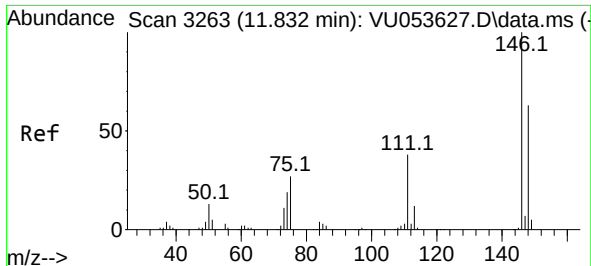
Tgt Ion: 75 Resp: 2038
Ion Ratio Lower Upper
75 100
77 25.4 21.8 40.4



#51
Chlorobenzene
Concen: 1.142 ug/L
RT: 9.439 min Scan# 2519
Delta R.T. -0.003 min
Lab File: VU053640.D
Acq: 11 Apr 2023 17:10

Tgt Ion: 112 Resp: 4968
Ion Ratio Lower Upper
112 100
114 25.9 22.2 41.2
77 58.3 41.3 61.9





#65

1,4-Dichlorobenzene

Concen: 1.349 ug/L

RT: 11.835 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU053640.D

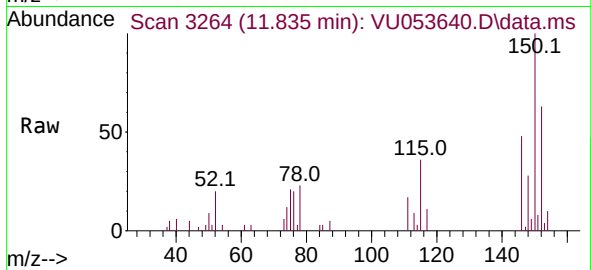
Acq: 11 Apr 2023 17:10

Instrument :

MSVOA_U

ClientSampleId :

COMF1



Tgt Ion:146 Resp: 4540

Ion Ratio Lower Upper

146 100

111 35.6 25.1 46.5

148 58.3 44.3 82.3

