

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020824\
 Data File : VU057859.D
 Acq On : 08 Feb 2024 12:31
 Operator : MD/SY
 Sample : P1352-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 09 04:08:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 09 04:07:11 2024
 Response via : Initial Calibration

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

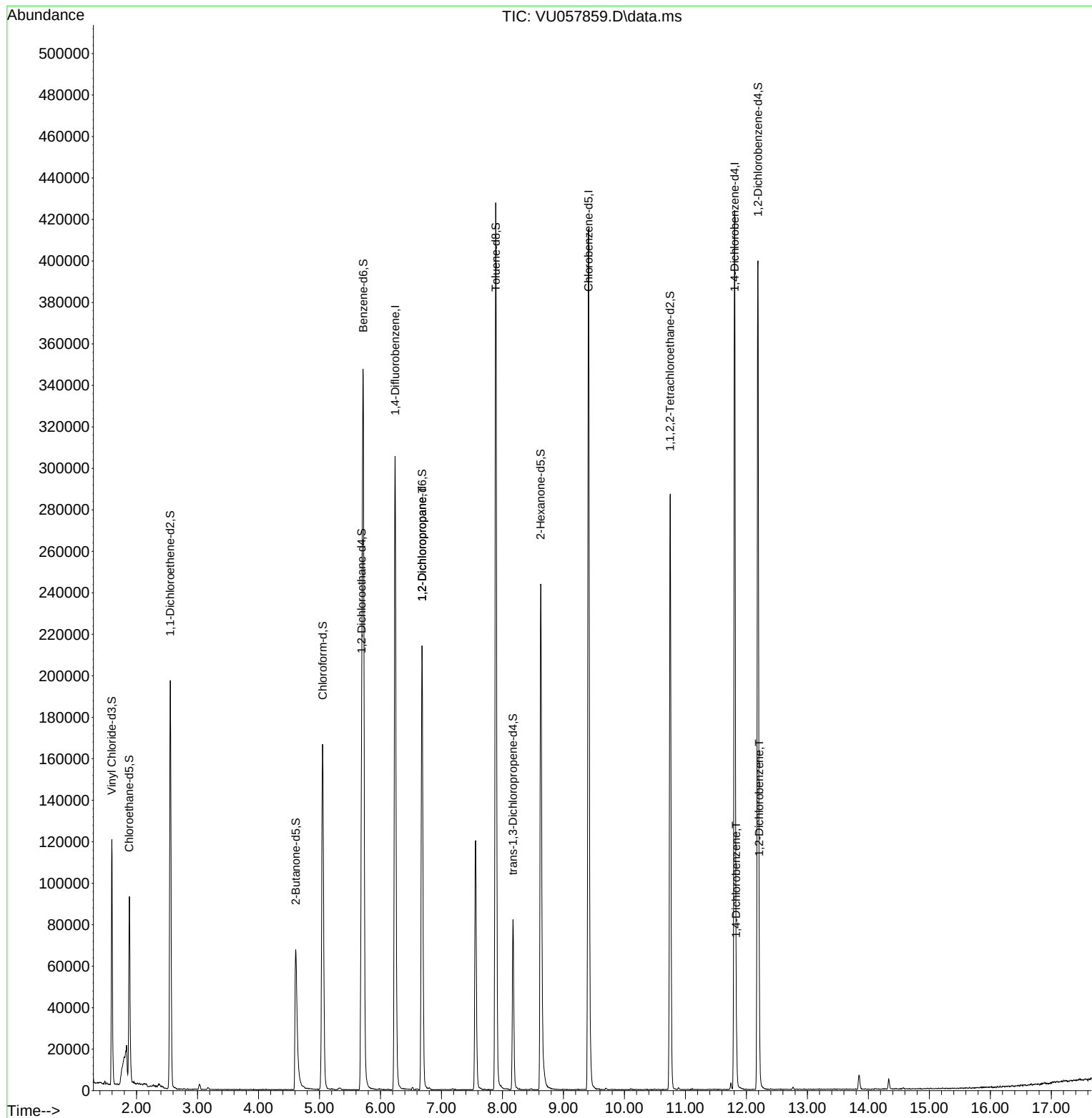
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	245172	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	228380	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106314	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	90661	46.200	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.400%
7) Chloroethane-d5	1.882	69	70457	46.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.560%
11) 1,1-Dichloroethene-d2	2.554	63	120986	33.569	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.140%
21) 2-Butanone-d5	4.612	46	100962	92.705	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.700%
24) Chloroform-d	5.052	84	156343	44.912	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.820%
26) 1,2-Dichloroethane-d4	5.692	65	104378	47.299	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.600%
32) Benzene-d6	5.718	84	323888	46.944	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.880%
36) 1,2-Dichloropropane-d6	6.682	67	103438	47.475	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.960%
41) Toluene-d8	7.891	98	280569	44.856	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.720%
43) trans-1,3-Dichloroprop...	8.174	79	47039	44.133	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.260%
47) 2-Hexanone-d5	8.627	63	89280	100.390	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.390%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	143309	50.528	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.060%
66) 1,2-Dichlorobenzene-d4	12.190	152	102342	50.106	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.220%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	6.682	63	11593	5.849	ug/L #	88
65) 1,4-Dichlorobenzene	11.833	146	6888	1.996	ug/L	94
67) 1,2-Dichlorobenzene	12.209	146	5829	1.718	ug/L #	92

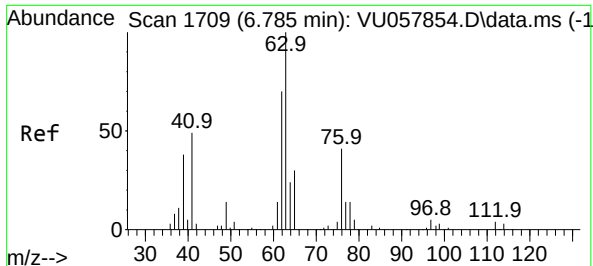
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#37

1,2-Dichloropropane

Concen: 5.849 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

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MSVOA_U

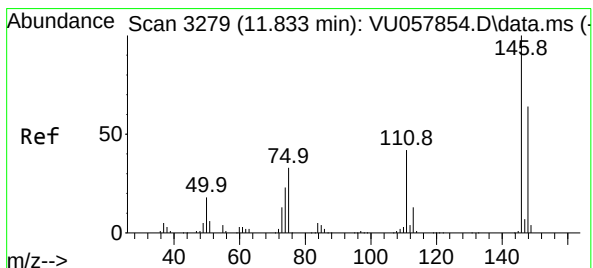
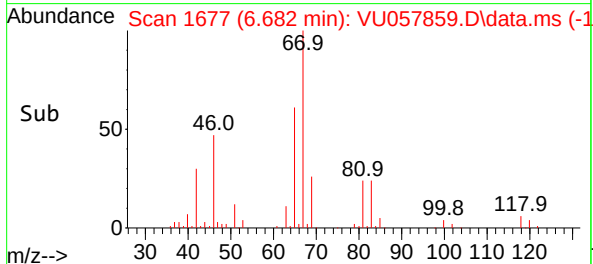
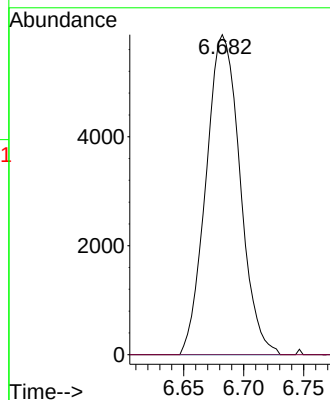
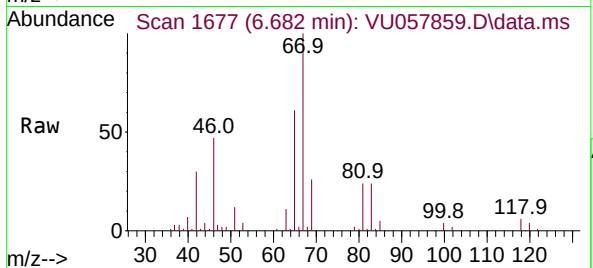
ClientSampleId :

Tgt Ion: 63 Resp: 11593

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#65

1,4-Dichlorobenzene

Concen: 1.996 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.000 min

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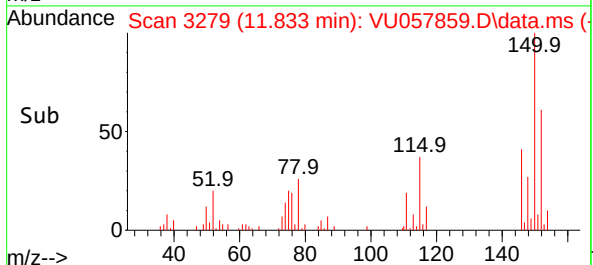
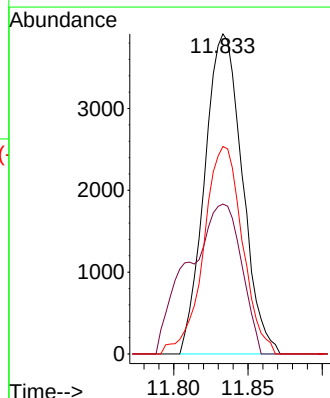
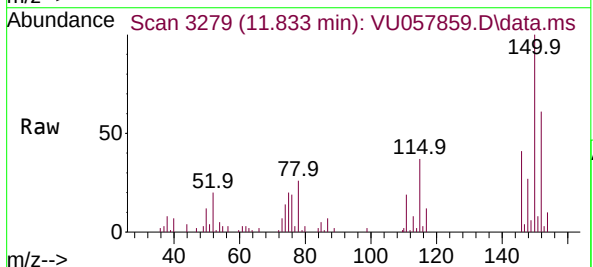
Tgt Ion:146 Resp: 6888

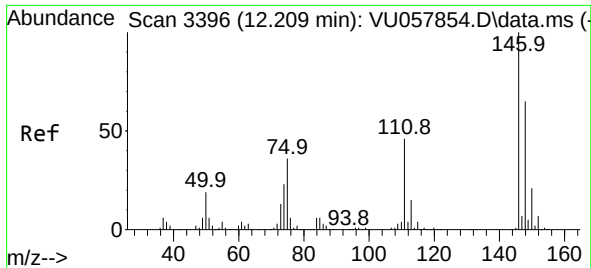
Ion Ratio Lower Upper

146 100

111 43.1 30.5 56.7

148 72.6 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 1.718 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.000 min

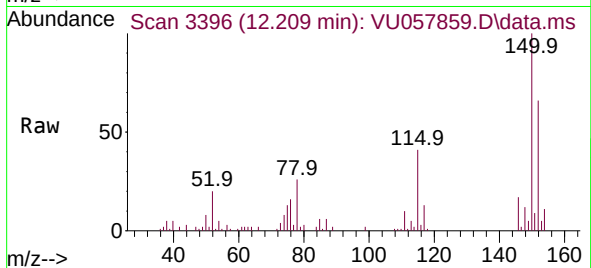
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Tgt Ion:	146	Resp:	5829
Ion	Ratio	Lower	Upper
146	100		
111	56.9	37.8	56.8#
148	61.8	51.7	77.5

