

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056839.D
 Acq On : 14 Dec 2023 15:17
 Operator : MD/SY
 Sample : 05683-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 00:53:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 00:49:12 2023
 Response via : Initial Calibration

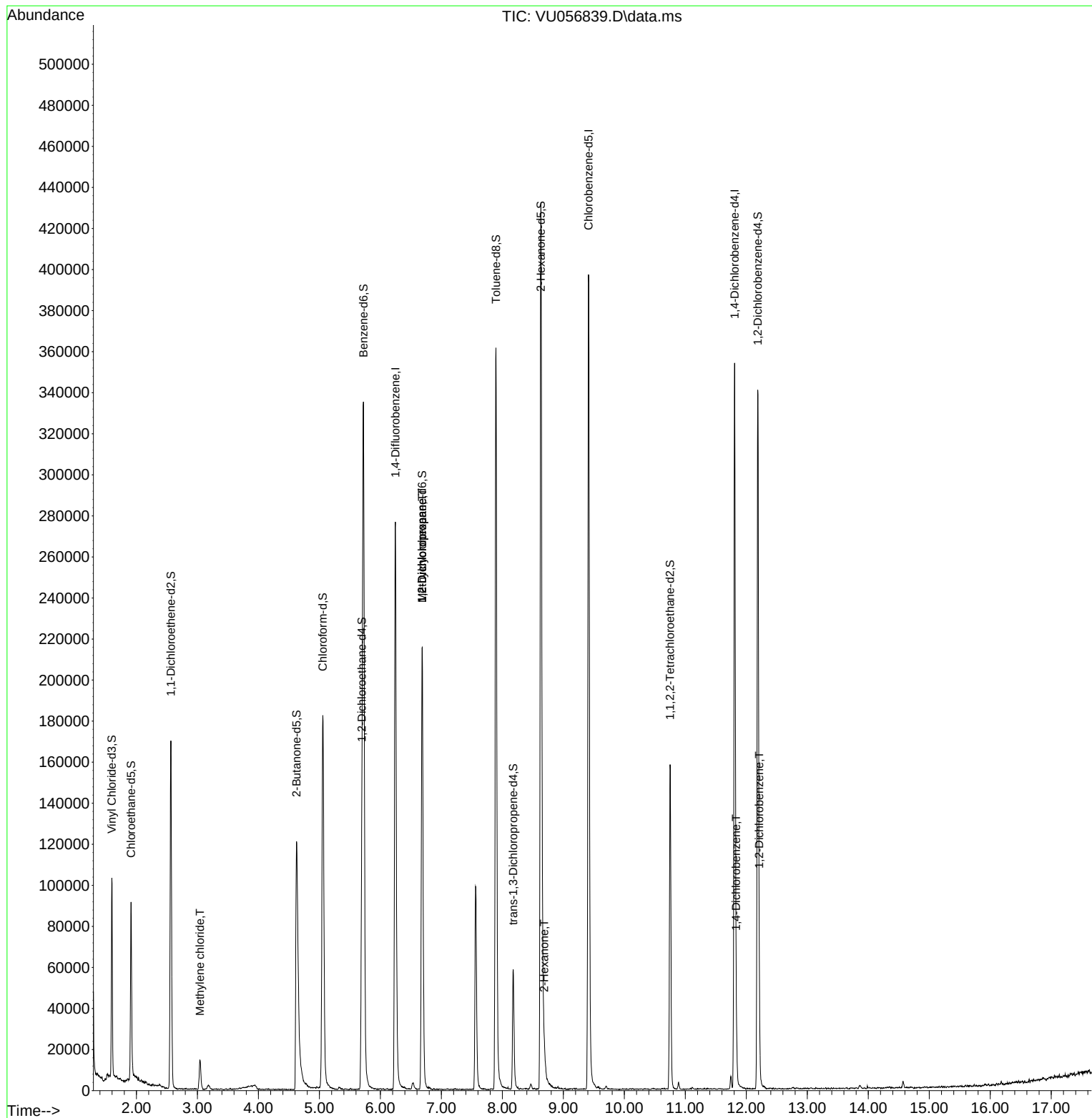
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	226594	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	231405	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93242	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	69780	3.593	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.911	69	62796	4.320	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.563	65	32992	3.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	4.624	46	206126	53.738	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.480%
24) Chloroform-d	5.055	84	175692	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.695	65	87020	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.721	84	319009	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.685	67	106527	4.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.894	98	254785	3.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.177	79	37126	4.261	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.631	63	153768	46.797	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.600%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	80774	4.969	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	91939	5.016	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
16) Methylene chloride	3.039	84	7379	0.368	ug/L	94
35) Methylcyclohexane	6.685	83	24745	0.752	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	11488	0.552	ug/L #	88
48) 2-Hexanone	8.685	43	7052	1.002	ug/L #	42
65) 1,4-Dichlorobenzene	11.833	146	9004	0.262	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	9828	0.310	ug/L	94

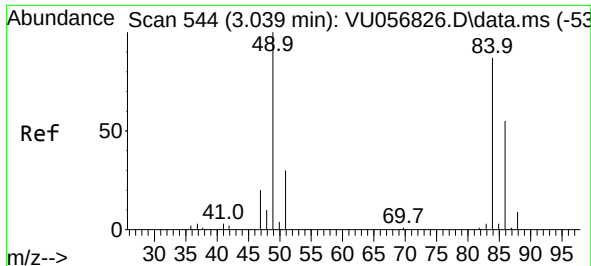
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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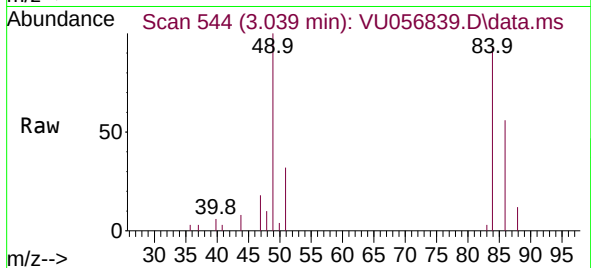
Quant Time: Dec 15 00:53:09 2023
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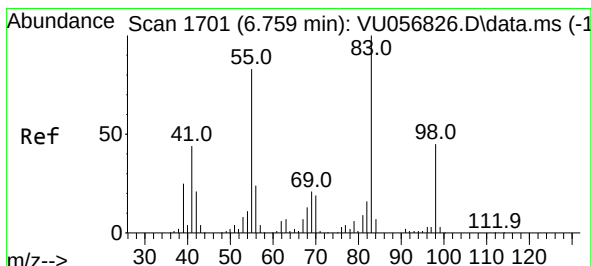
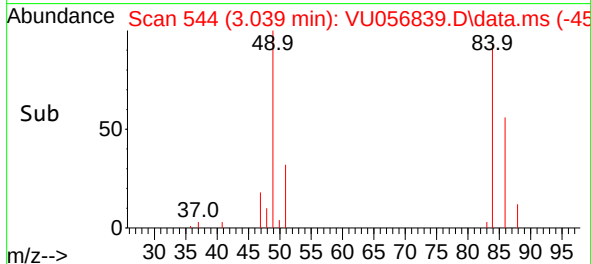
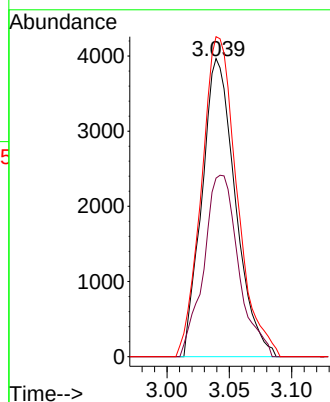


#16
Methylene chloride
Concen: 0.368 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU056839.D
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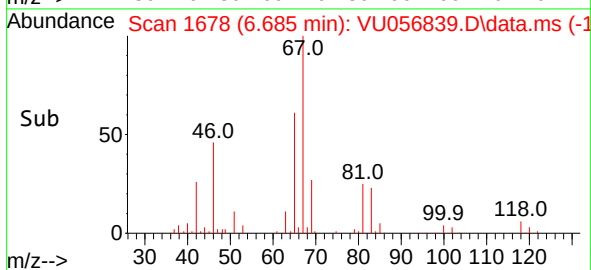
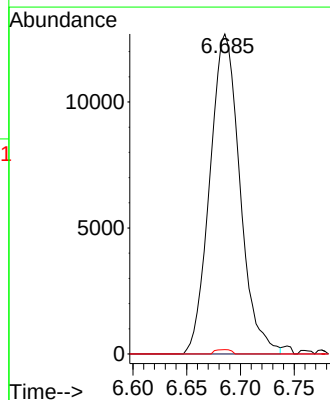
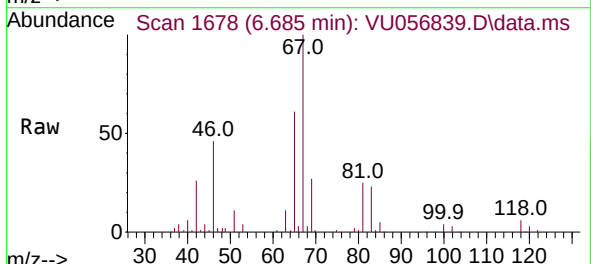


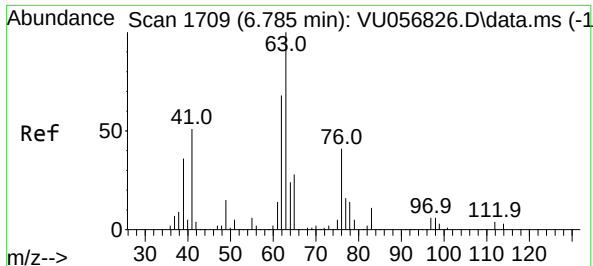
Tgt Ion: 84 Resp: 7379
Ion Ratio Lower Upper
84 100
86 59.9 43.6 81.0
49 107.4 80.6 149.6



#35
Methylcyclohexane
Concen: 0.752 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056839.D
Acq: 14 Dec 2023 15:17

Tgt Ion: 83 Resp: 24745
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 0.7 36.1 54.1#

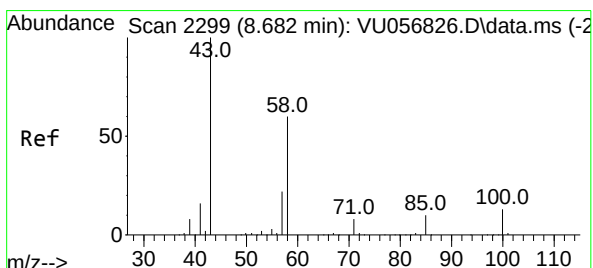
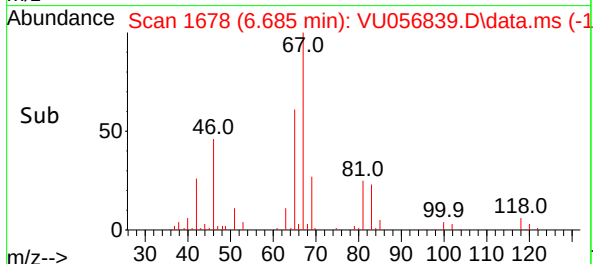
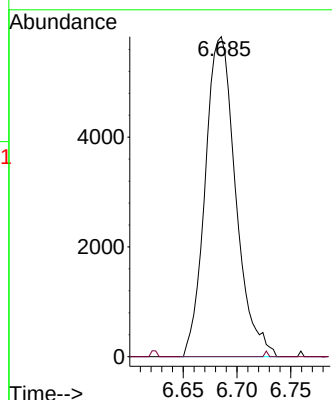
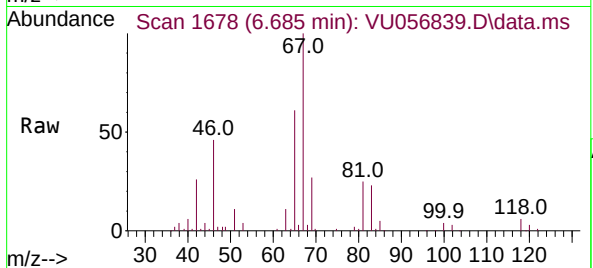




#37
1,2-Dichloropropane
Concen: 0.552 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU056839.D
Acq: 14 Dec 2023 15:17

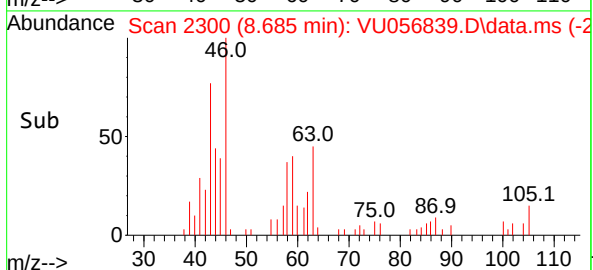
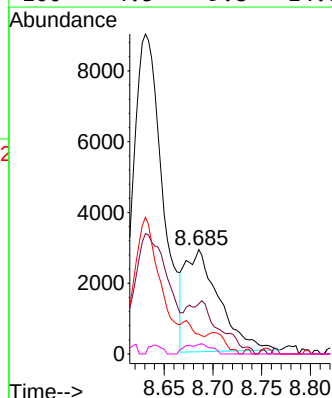
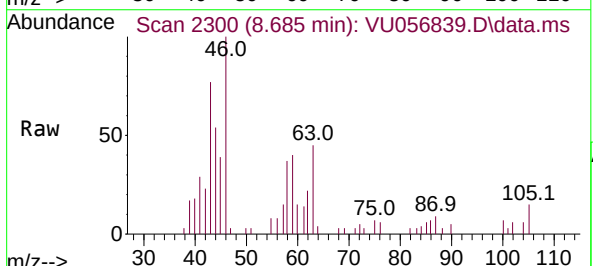
Instrument :
MSVOA_U
ClientSampleId :

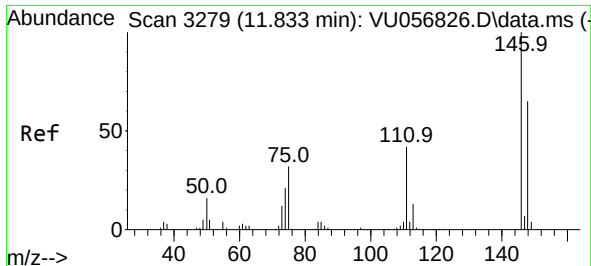
Tgt Ion: 63 Resp: 11488
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#48
2-Hexanone
Concen: 1.002 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU056839.D
Acq: 14 Dec 2023 15:17

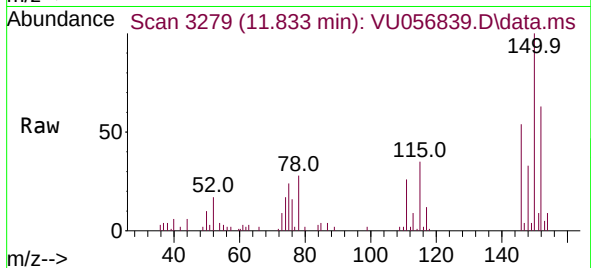
Tgt Ion: 43 Resp: 7052
Ion Ratio Lower Upper
43 100
58 0.0 47.5 71.3#
57 10.7 17.0 25.4#
100 4.5 9.8 14.8#



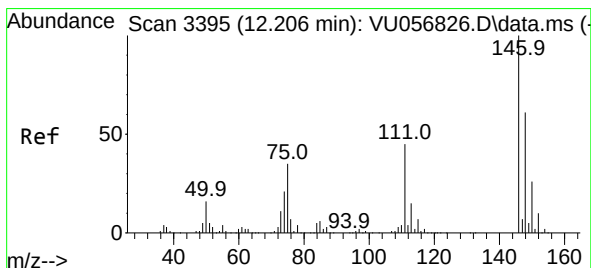
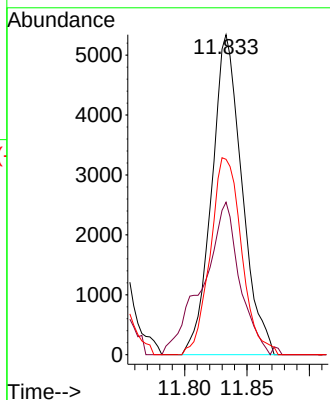
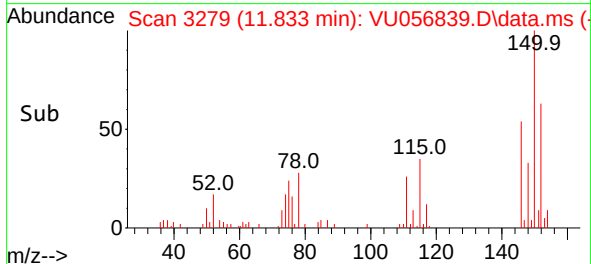


#65
1,4-Dichlorobenzene
Concen: 0.262 ug/L
RT: 11.833 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU056839.D
Acq: 14 Dec 2023 15:17

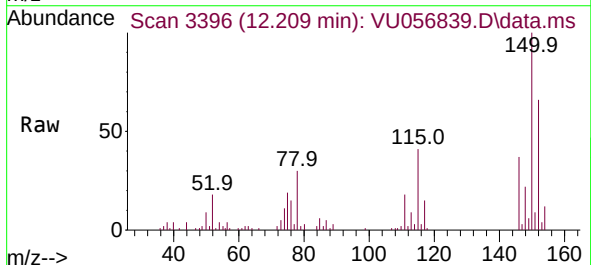
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:146 Resp: 9004
Ion Ratio Lower Upper
146 100
111 47.6 31.2 58.0
148 61.0 45.6 84.8



#67
1,2-Dichlorobenzene
Concen: 0.310 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU056839.D
Acq: 14 Dec 2023 15:17



Tgt Ion:146 Resp: 9828
Ion Ratio Lower Upper
146 100
111 48.3 36.9 55.3
148 60.3 53.0 79.4

