

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038559.D
 Acq On : 04 Jun 2020 19:10
 Operator : SY/MD
 Sample : L2860-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D22

Quant Time: Jun 05 03:41:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 05 01:11:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	288950	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	288177	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	147379	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	70652	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.93	69	61548	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.59	63	114631	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.67	46	305496	53.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.54%
24) Chloroform-d	5.10	84	168894	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.74	65	98584	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.76	84	331195	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.72	67	106588	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.92	98	282416	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	8.20	79	41672	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.65	63	253153	53.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	97841	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	124077	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

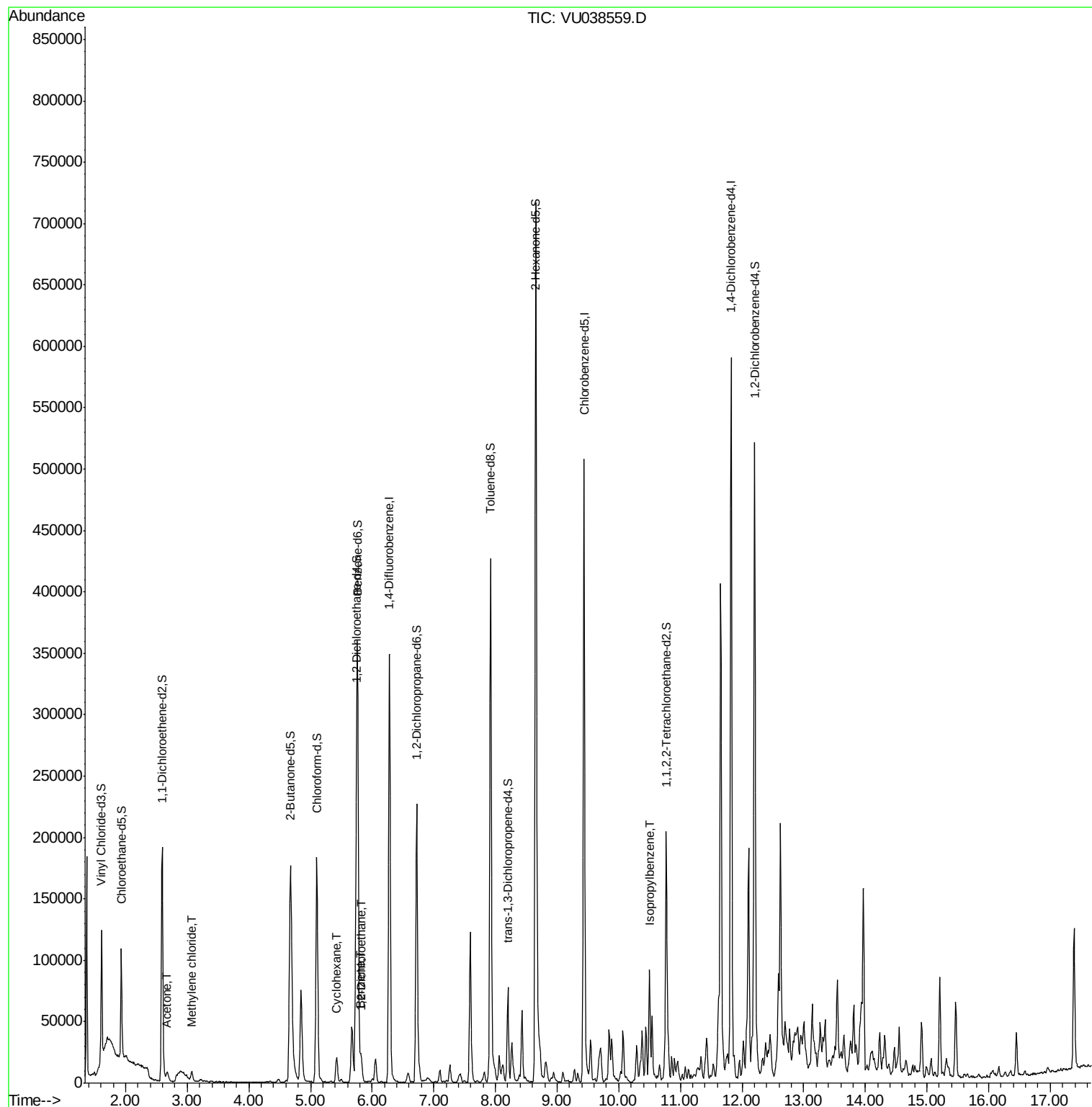
					Ovalue
13) Acetone	2.68	43	13594	3.656	ug/L 92
16) Methylene chloride	3.08	84	1755	0.087	ug/L 78
27) 1,2-Dichloroethane	5.83	62	10057	0.410	ug/L 96
30) Cyclohexane	5.42	56	9337	0.292	ug/L 92
33) Benzene	5.81	78	14275	0.178	ug/L 100
56) Isopropylbenzene	10.50	105	56991	0.625	ug/L 99

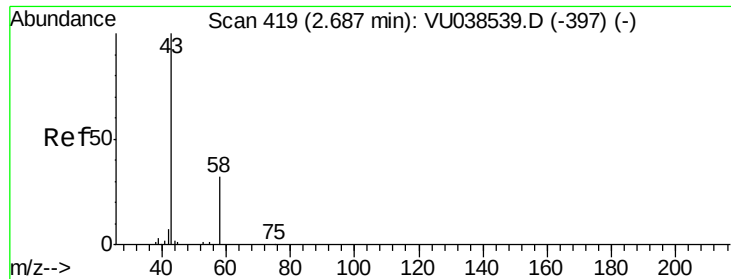
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.656 ug/L

RT: 2.68 min Scan# 417

Delta R.T. -0.01 min

Lab File: VU038559.D

Acq: 04 Jun 2020 19:10

Instrument :

MSVOA_U

ClientSampleId :

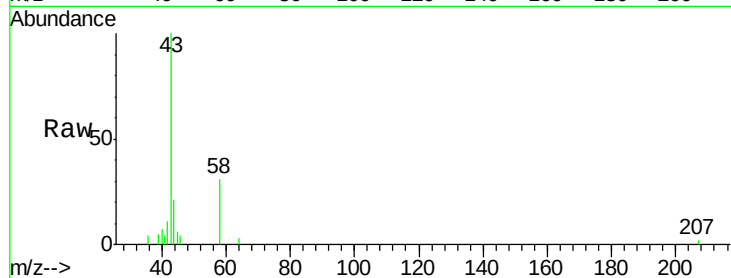
F9D22

Tot Ion: 43 Resp: 13594

Ion Ratio Lower Upper

43 100

58 28.4 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038539.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU038539.D (-397) (-)

5000

4000

3000

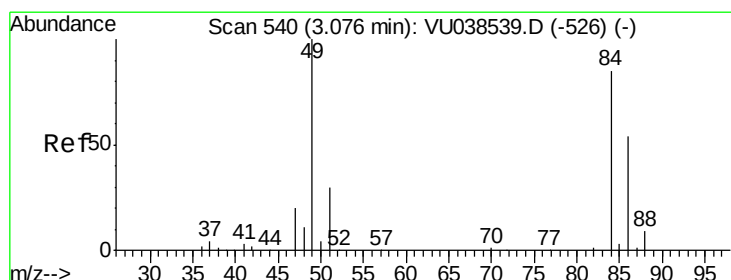
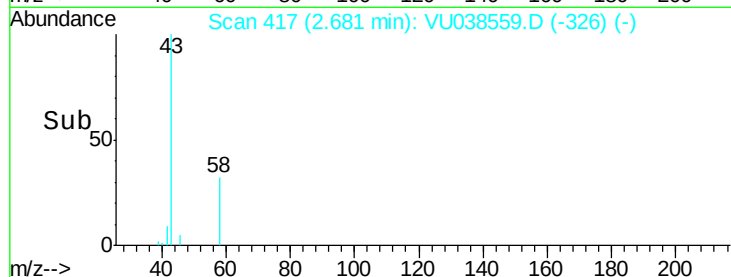
2000

1000

0

2.60 2.65 2.70 2.75 2.80

Time-->



#16

Methylene chloride

Concen: 0.087 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU038559.D

Acq: 04 Jun 2020 19:10

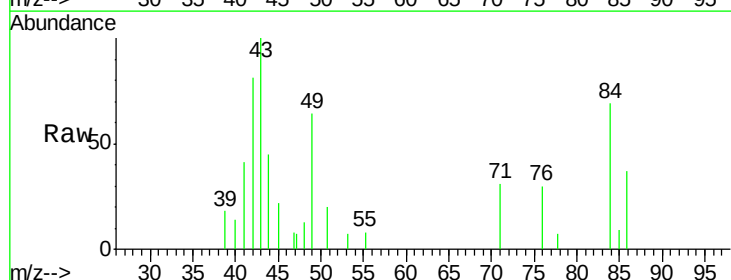
Tgt Ion: 84 Resp: 1755

Ion Ratio Lower Upper

84 100

86 53.4 45.0 83.6

49 93.6 85.5 158.9



Abundance Ion 84.05 (83.75 to 84.75): VU038539.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU038539.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU038539.D (-526) (-)

1500

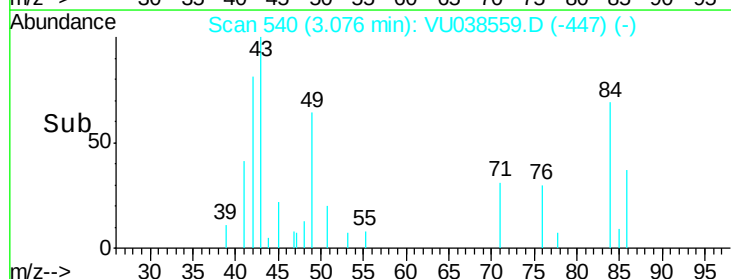
1000

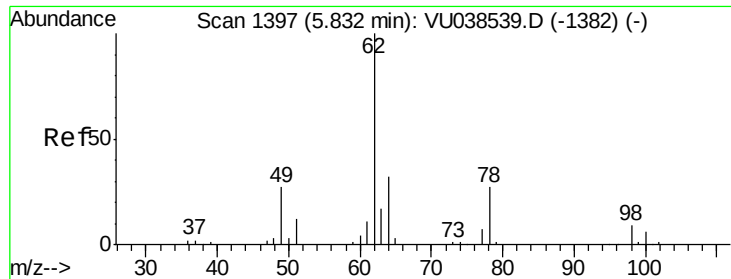
500

0

3.05 3.10

Time-->

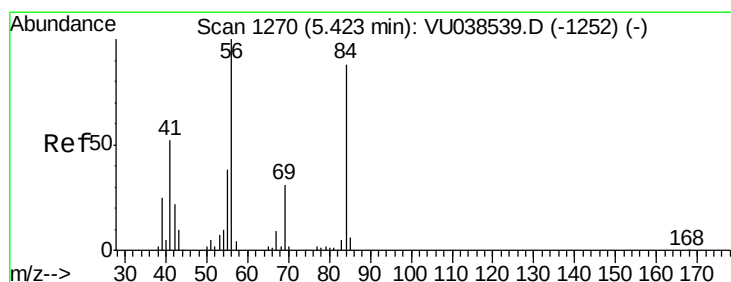
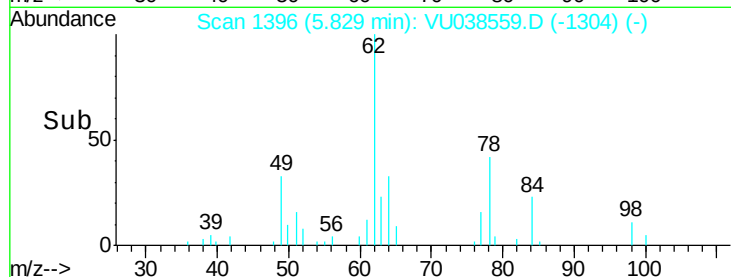
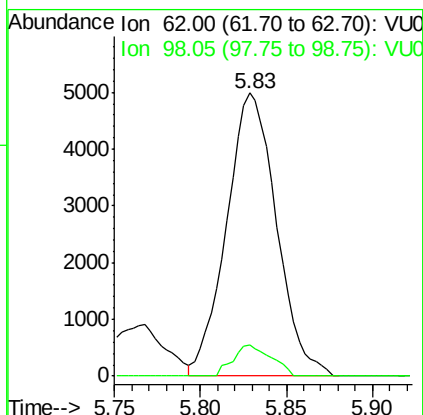
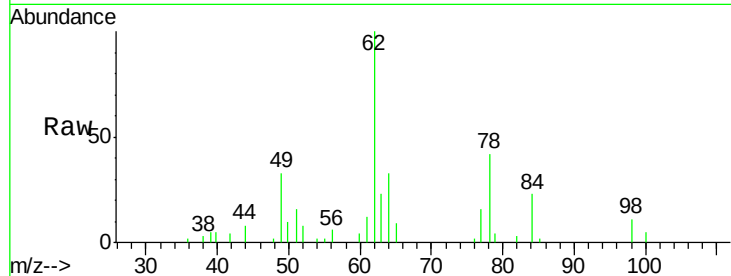




#27
 1,2-Dichloroethane
 Concen: 0.410 ug/L
 RT: 5.83 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VU038559.D
 Acq: 04 Jun 2020 19:10

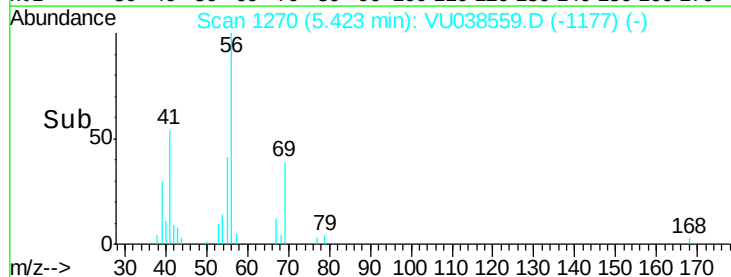
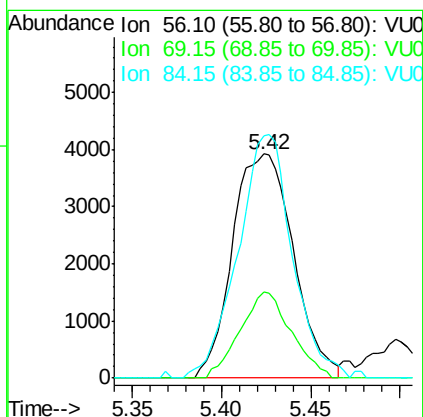
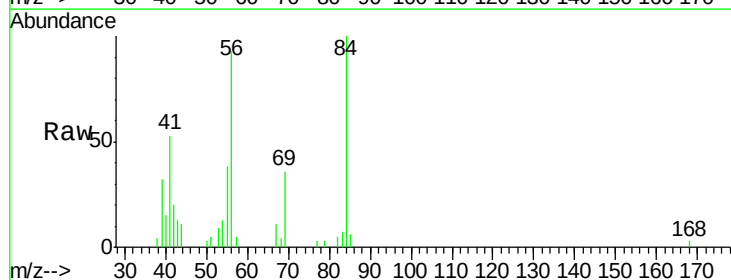
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 ClientSampled :
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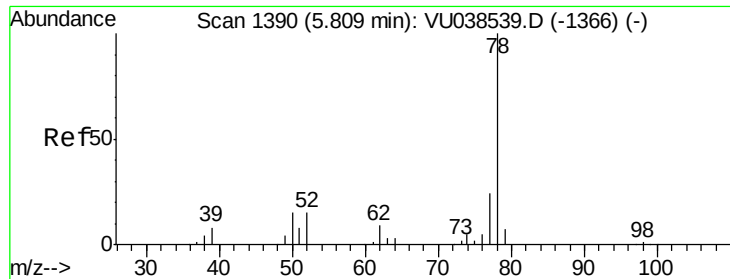
Tot Ion: 62 Resp: 10057
 Ion Ratio Lower Upper
 62 100
 98 10.9 7.4 11.2



#30
 Cyclohexane
 Concen: 0.292 ug/L
 RT: 5.42 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VU038559.D
 Acq: 04 Jun 2020 19:10

Tgt Ion: 56 Resp: 9337
 Ion Ratio Lower Upper
 56 100
 69 32.3 24.2 36.4
 84 97.3 70.8 106.2





#33

Benzene

Concen: 0.178 ug/L

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU038559.D

Acq: 04 Jun 2020 19:10

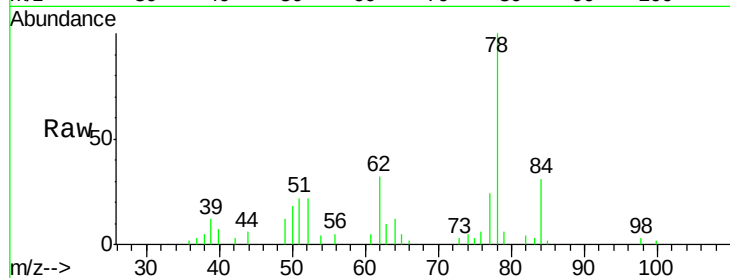
Instrument :

MSVOA_U

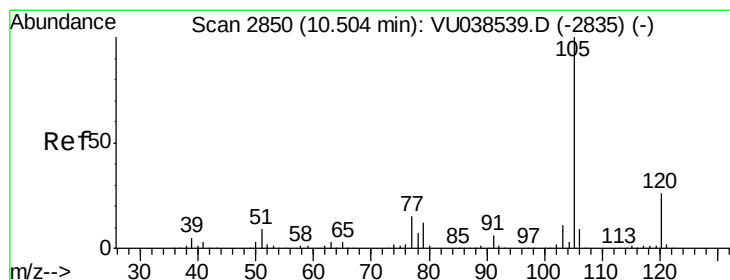
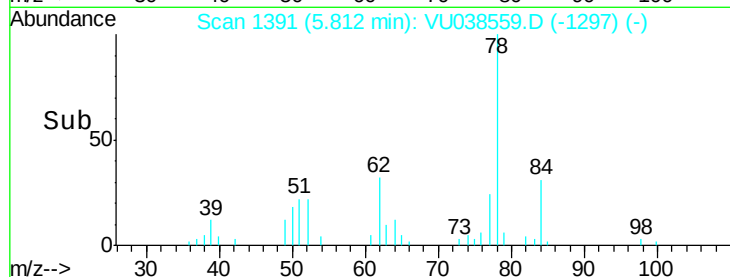
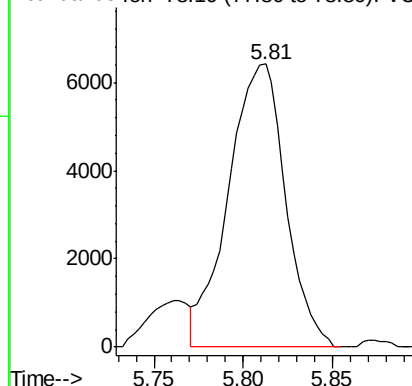
ClientSampleId :

F9D22

Tgt Ion: 78 Resp: 14275



Abundance Ion 78.10 (77.80 to 78.80): VU0



#56

Isopropylbenzene

Concen: 0.625 ug/L

RT: 10.50 min Scan# 2848

Delta R.T. -0.01 min

Lab File: VU038559.D

Acq: 04 Jun 2020 19:10

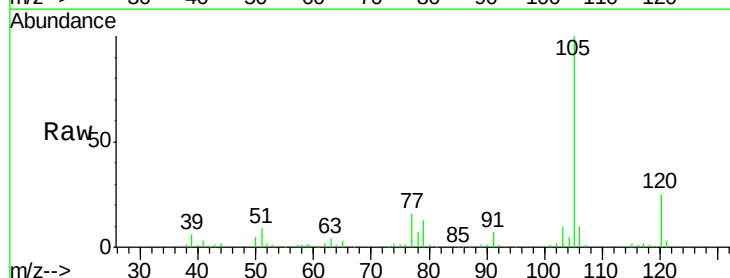
Tgt Ion: 105 Resp: 56991

Ion Ratio Lower Upper

105 100

120 25.6 20.7 31.1

77 16.1 12.5 18.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0

