

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
 Data File : VU038265.D
 Acq On : 21 May 2020 15:30
 Operator : JC/MD
 Sample : L2724-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4T6

Quant Time: May 22 01:30:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 01:03:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	397036	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	385958	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	183727	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	108165	2.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.60%
7) Chloroethane-d5	1.93	69	119528	3.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.20%
11) 1,1-Dichloroethene-d2	2.59	63	160542	2.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.80%#
20) 2-Butanone-d5	4.67	46	481802	53.77	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.54%
24) Chloroform-d	5.10	84	246235	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.74	65	147902	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.76	84	509785	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.72	67	171142	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.92	98	443887	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.20	79	60467	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.65	63	411197	58.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	146798	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	169816	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

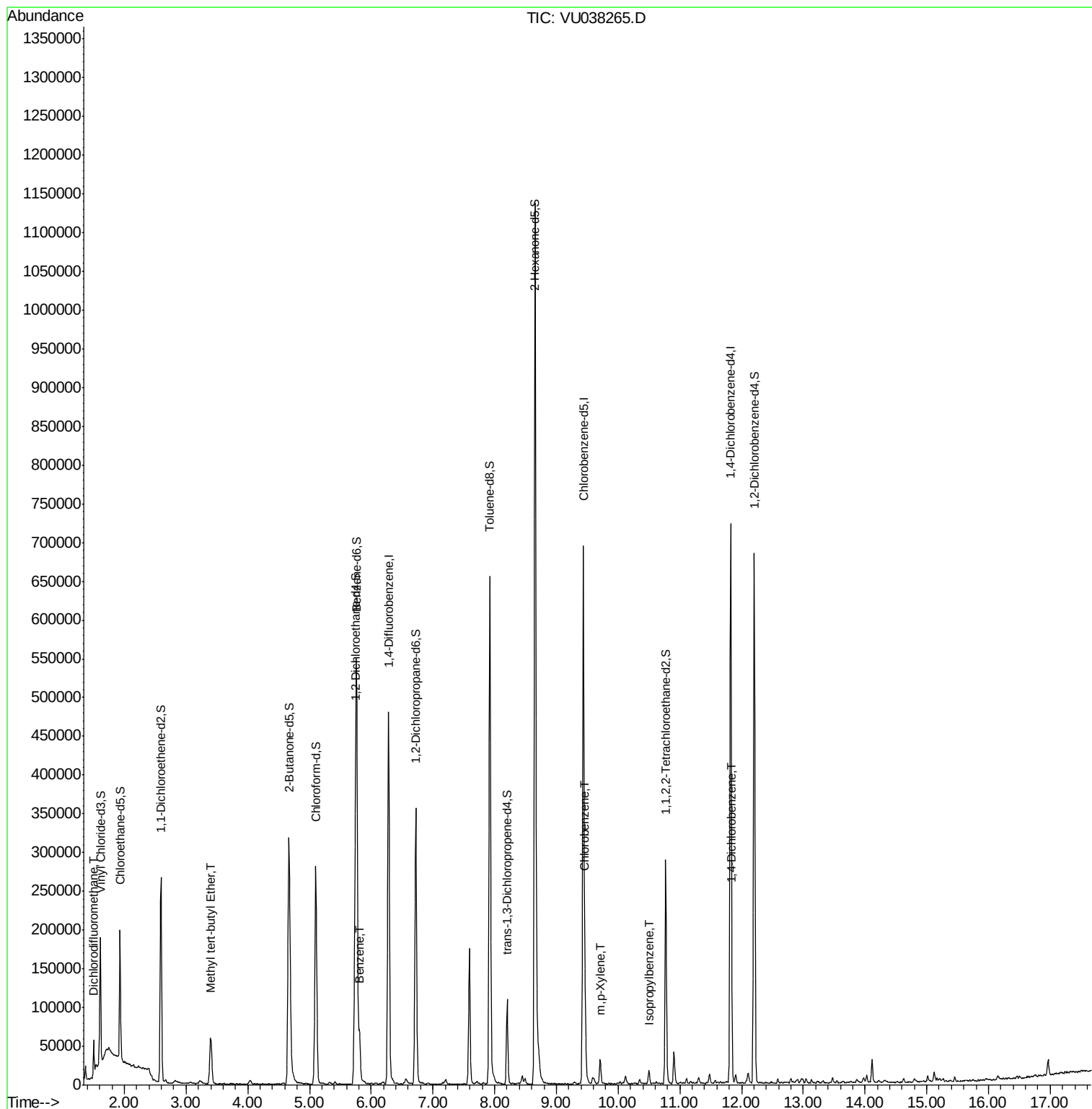
					Ovalue
2) Dichlorodifluoromethane	1.50	85	3343	0.092 ug/L	96
17) Methyl tert-butyl Ether	3.40	73	66411	0.867 ug/L	98
33) Benzene	5.81	78	64340	0.521 ug/L	100
51) Chlorobenzene	9.47	112	45820	0.566 ug/L	96
53) m,p-Xylene	9.71	106	8351	0.154 ug/L	89
56) Isopropylbenzene	10.50	105	11424	0.085 ug/L	94
63) 1,4-Dichlorobenzene	11.85	146	4523	0.075 ug/L	98

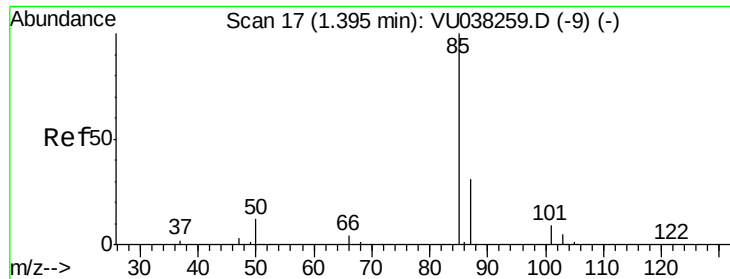
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.092 ug/L

RT: 1.50 min Scan# 51

Delta R.T. 0.11 min

Lab File: VU038265.D

Acq: 21 May 2020 15:30

Instrument :

MSVOA_U

ClientSampled :

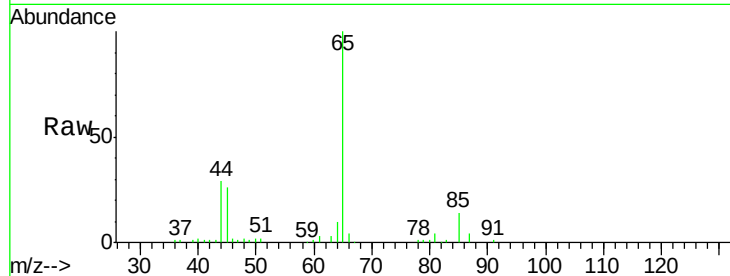
BE4T6

Tot Ion: 85 Resp: 3343

Ion Ratio Lower Upper

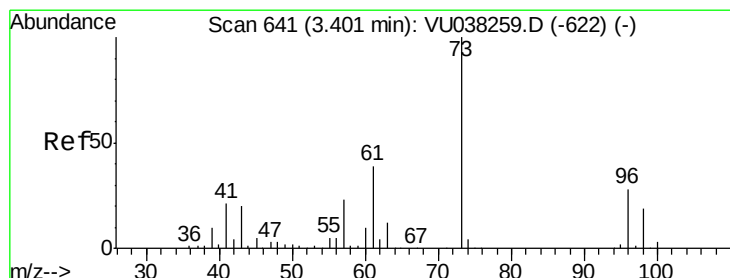
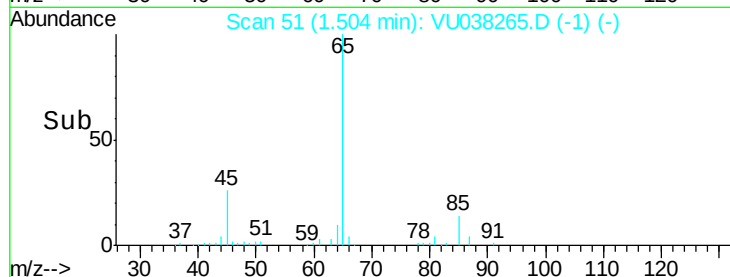
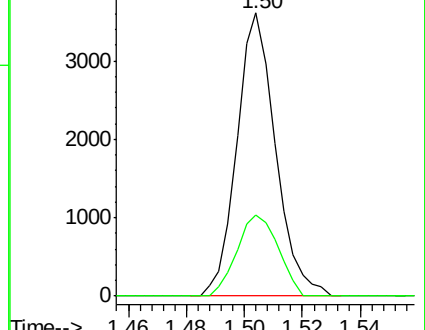
85 100

87 30.5 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VU038265.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU038265.D (-1) (-)



#17

Methyl tert-butyl Ether

Concen: 0.867 ug/L

RT: 3.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: VU038265.D

Acq: 21 May 2020 15:30

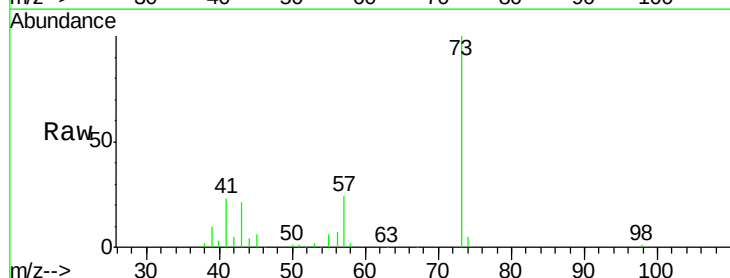
Tgt Ion: 73 Resp: 66411

Ion Ratio Lower Upper

73 100

43 21.2 16.9 25.3

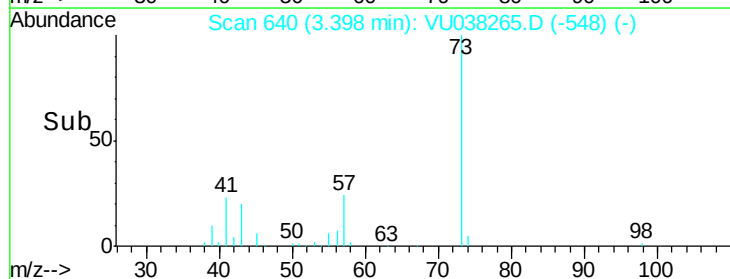
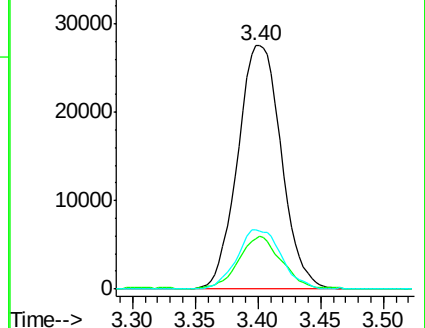
57 24.8 18.2 27.2

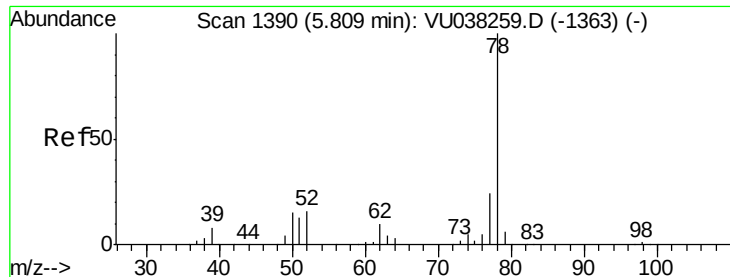


Abundance Ion 73.10 (72.80 to 73.80): VU038265.D (-548) (-)

Ion 43.05 (42.75 to 43.75): VU038265.D (-548) (-)

Ion 57.10 (56.80 to 57.80): VU038265.D (-548) (-)





#33

Benzene

Concen: 0.521 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU038265.D

Acq: 21 May 2020 15:30

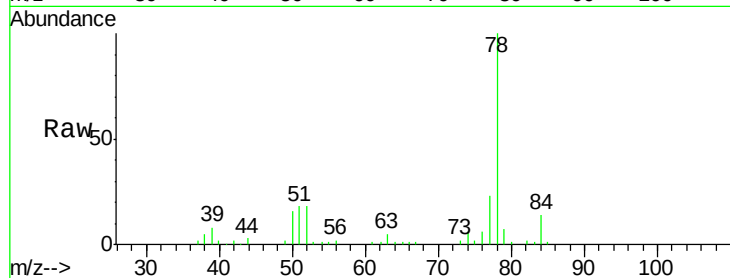
Instrument :

MSVOA_U

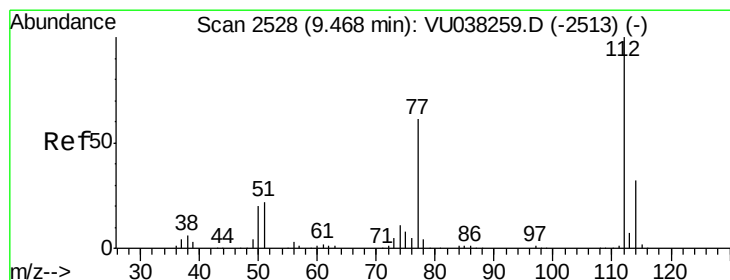
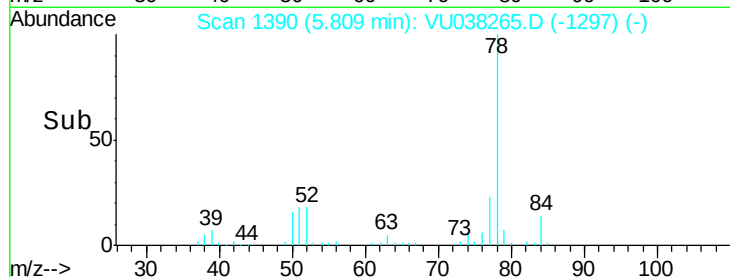
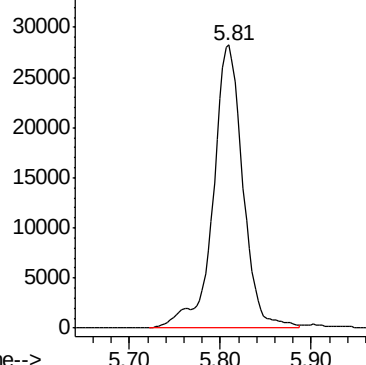
ClientSampleId :

BE4T6

Tgt Ion: 78 Resp: 64340



Abundance Ion 78.10 (77.80 to 78.80): VU0



#51

Chlorobenzene

Concen: 0.566 ug/L

RT: 9.47 min Scan# 2527

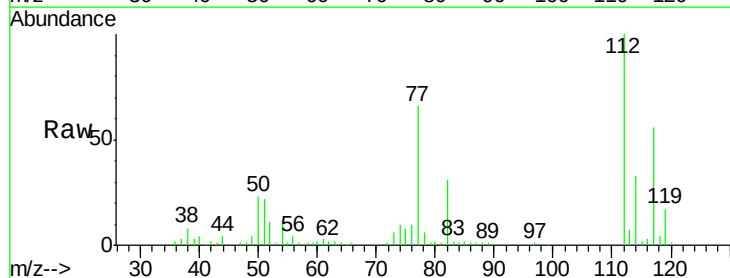
Delta R.T. -0.00 min

Lab File: VU038265.D

Acq: 21 May 2020 15:30

Tgt Ion: 112 Resp: 45820

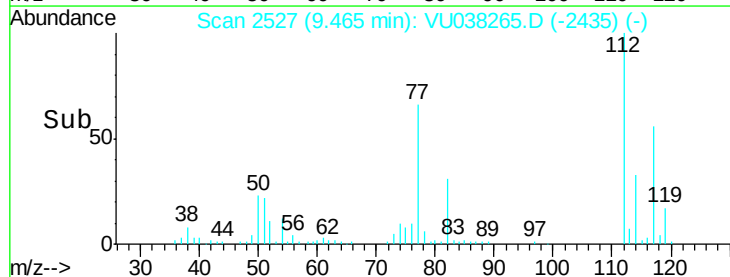
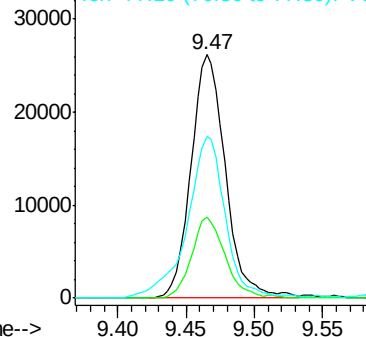
Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.5	41.7
77	66.3	49.9	74.9

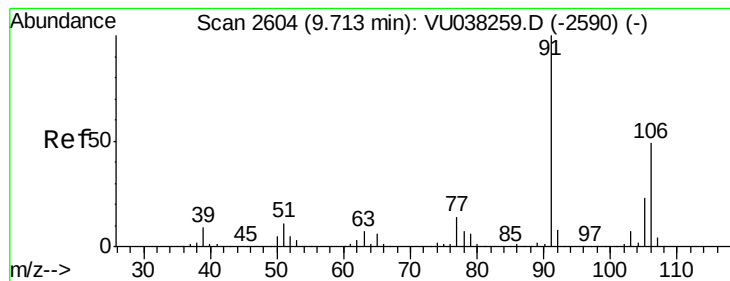


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0





#53

m,p-Xylene

Concen: 0.154 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038265.D

Acq: 21 May 2020 15:30

Instrument :

MSVOA_U

ClientSampleId :

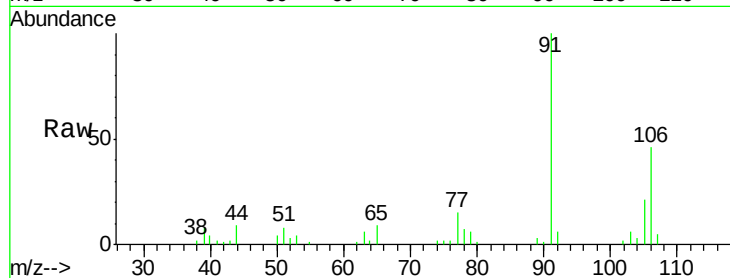
BE4T6

Tot Ion:106 Resp: 8351

Ion Ratio Lower Upper

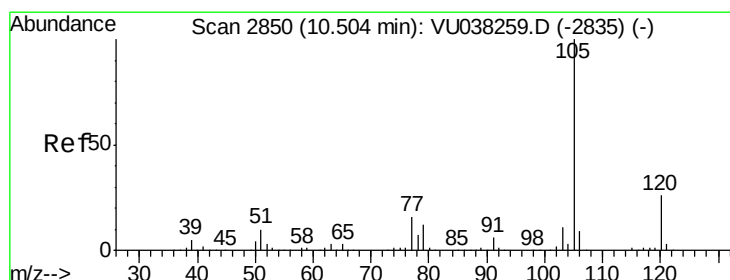
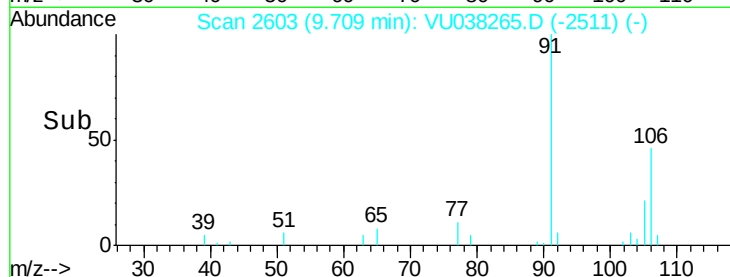
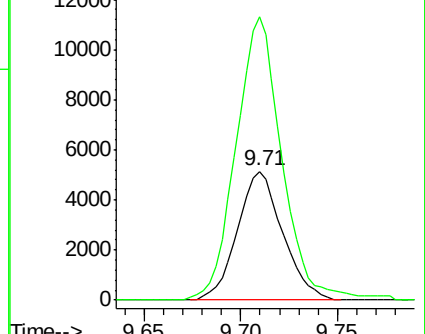
106 100

91 219.7 142.1 263.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#56

Isopropylbenzene

Concen: 0.085 ug/L

RT: 10.50 min Scan# 2849

Delta R.T. -0.00 min

Lab File: VU038265.D

Acq: 21 May 2020 15:30

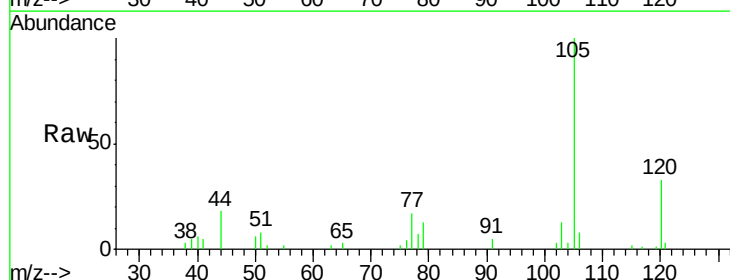
Tgt Ion:105 Resp: 11424

Ion Ratio Lower Upper

105 100

120 29.4 21.0 31.6

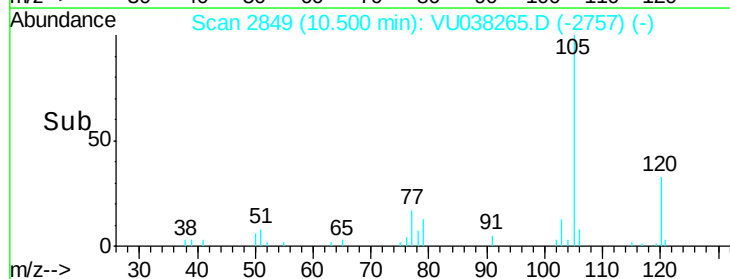
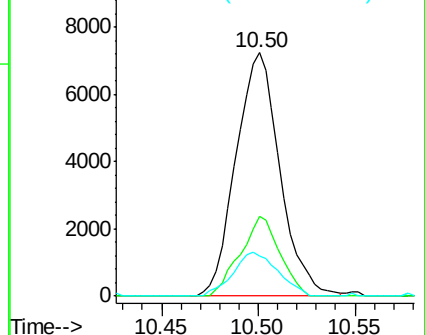
77 18.3 13.0 19.4

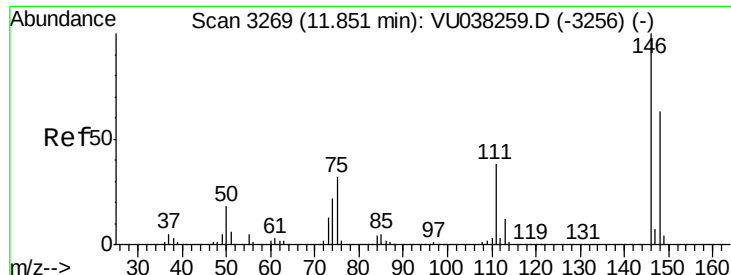


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0





#63

1,4-Dichlorobenzene

Concen: 0.075 ug/L

RT: 11.85 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VU038265.D

Acq: 21 May 2020 15:30

Instrument :

MSVOA_U

ClientSampleId :

BE4T6

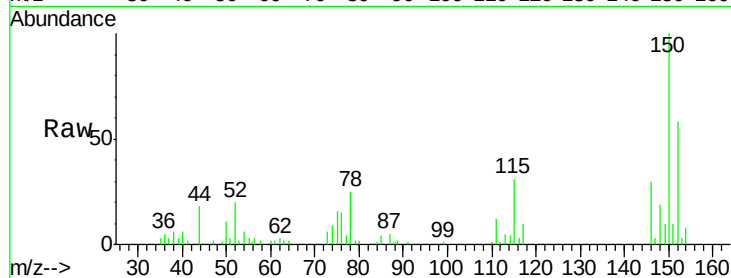
Tot Ion:146 Resp: 4523

Ion Ratio Lower Upper

146 100

111 40.8 27.2 50.6

148 63.7 43.8 81.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

