

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052620\
 Data File : VU038294.D
 Acq On : 26 May 2020 13:45
 Operator : JC/MD
 Sample : L2724-12DL2 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4T8DL2

Quant Time: May 27 07:19:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 06:51:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	327274	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	312732	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	155498	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88359	2.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.00%
7) Chloroethane-d5	1.93	69	83310	3.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.40%#
11) 1,1-Dichloroethene-d2	2.59	63	136342	2.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.40%#
20) 2-Butanone-d5	4.67	46	362774	49.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.24%
24) Chloroform-d	5.10	84	198286	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.74	65	121267	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.76	84	414177	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.72	67	134202	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.92	98	359622	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.20	79	52216	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.65	63	296104	51.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111557	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	150160	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

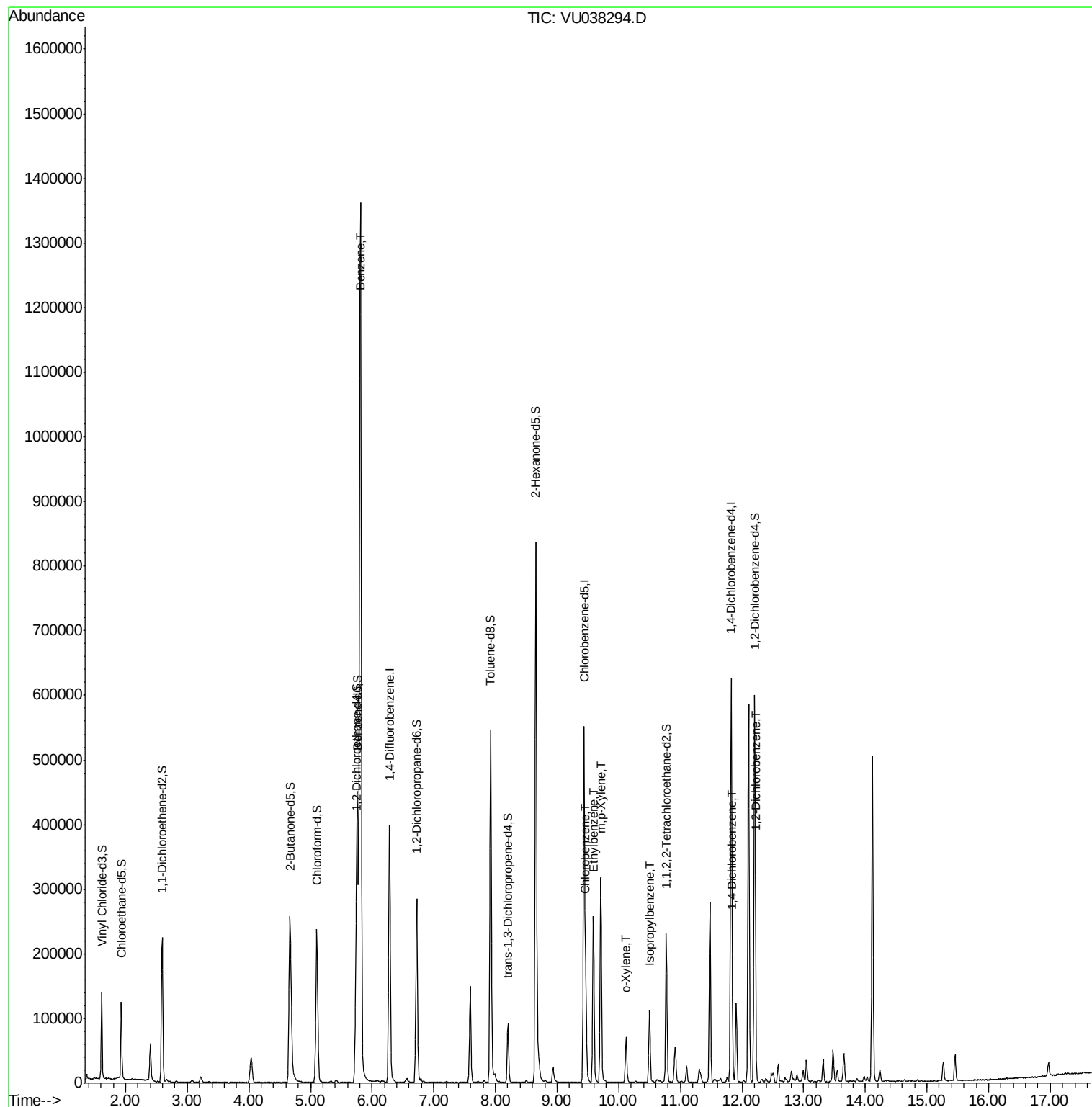
					Ovalue
33) Benzene	5.81	78	1294728	12.928	ug/L 100
51) Chlorobenzene	9.47	112	72499	1.105	ug/L 97
52) Ethylbenzene	9.59	91	187904	1.641	ug/L 98
53) m,p-Xylene	9.71	106	91131	2.075	ug/L 97
54) o-Xylene	10.12	106	17562	0.414	ug/L 83
56) Isopropylbenzene	10.50	105	73625	0.675	ug/L 100
63) 1,4-Dichlorobenzene	11.85	146	8571	0.167	ug/L 95
65) 1,2-Dichlorobenzene	12.23	146	5575	0.115	ug/L 92

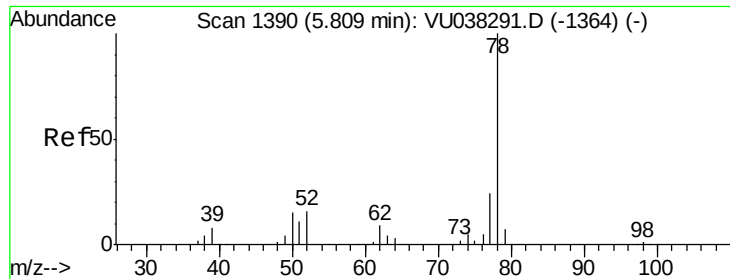
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 27 06:51:51 2020
Response via : Initial Calibration





#33

Benzene

Concen: 12.928 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU038294.D

Acq: 26 May 2020 13:45

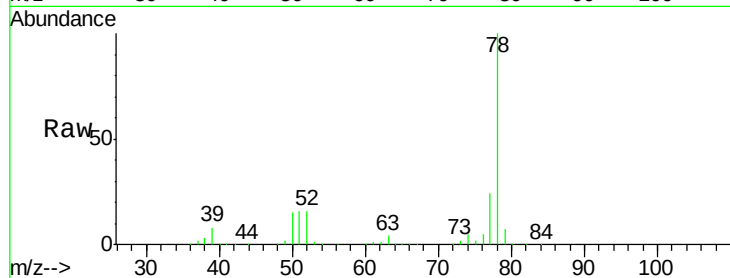
Instrument :

MSVOA_U

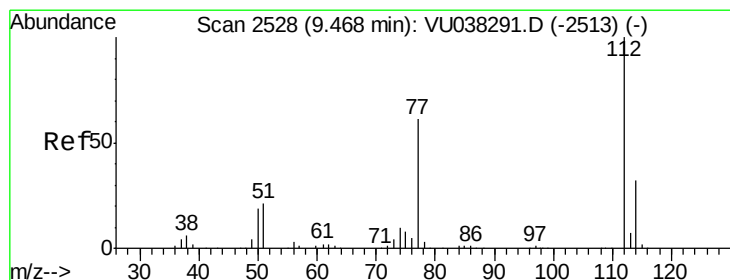
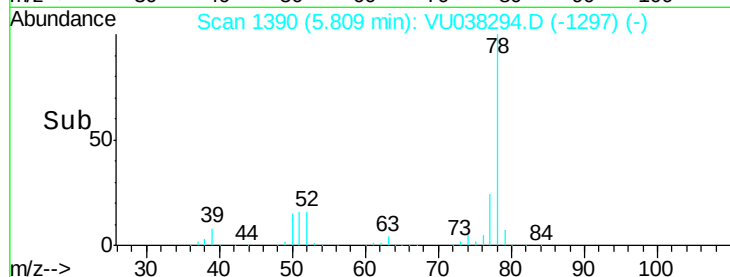
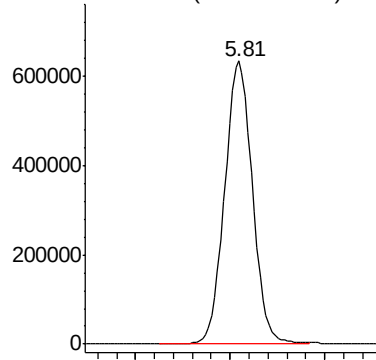
ClientSampleId :

BE4T8DL2

Tgt Ion: 78 Resp: 1294728



Abundance Ion 78.10 (77.80 to 78.80): VU0



#51

Chlorobenzene

Concen: 1.105 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038294.D

Acq: 26 May 2020 13:45

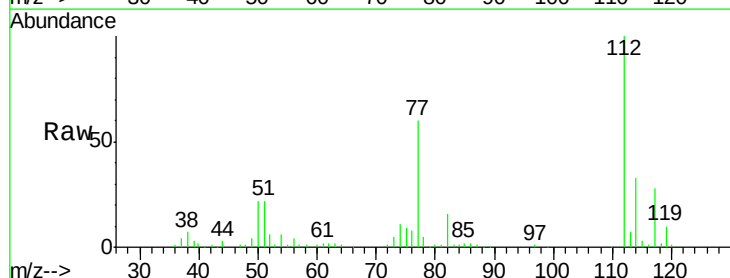
Tgt Ion: 112 Resp: 72499

Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.5	41.7
77	60.0	49.9	74.9

112 100

114 33.3 22.5 41.7

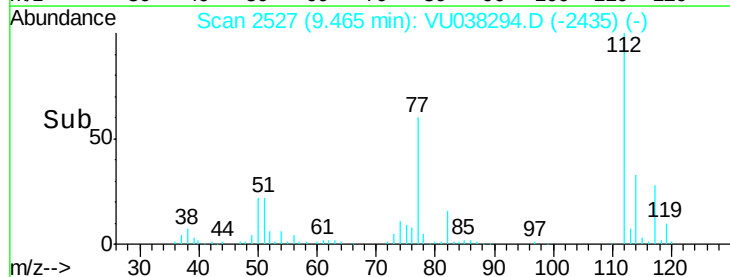
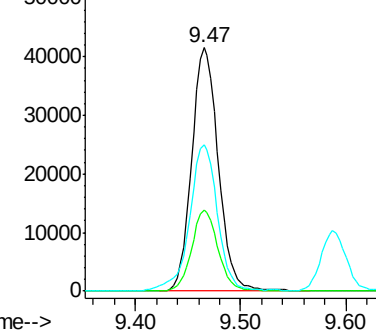
77 60.0 49.9 74.9

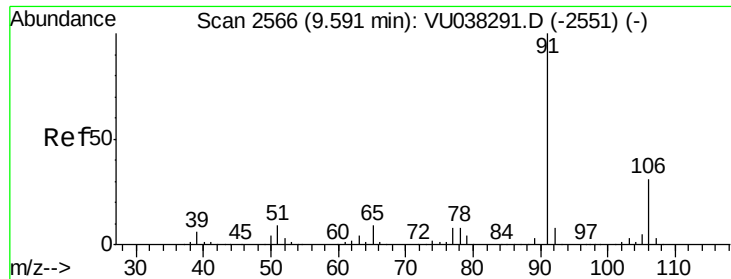


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0

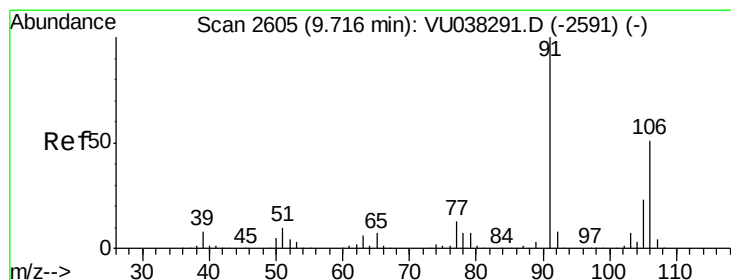
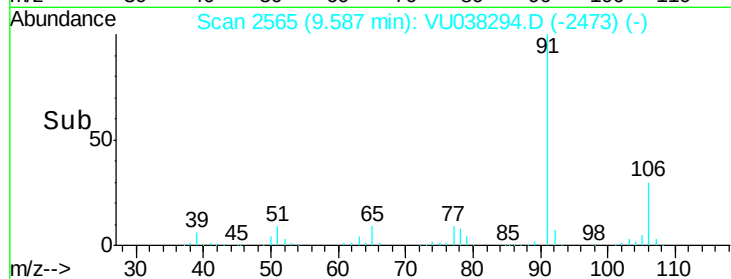
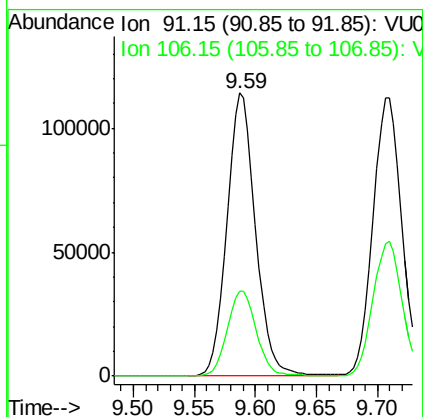
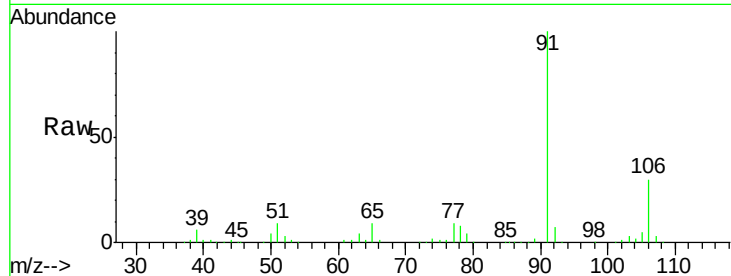




#52
Ethylbenzene
Concen: 1.641 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU038294.D
Acq: 26 May 2020 13:45

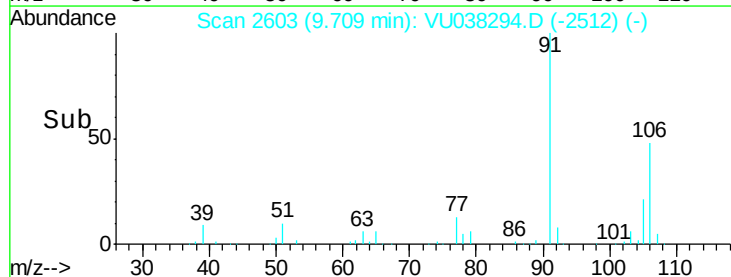
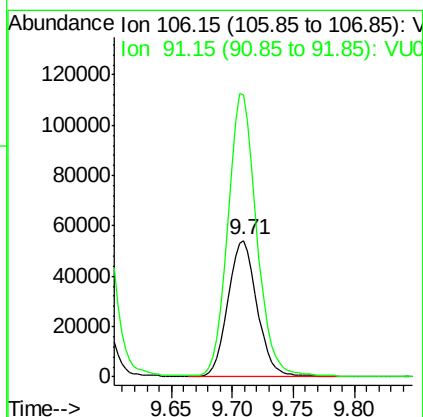
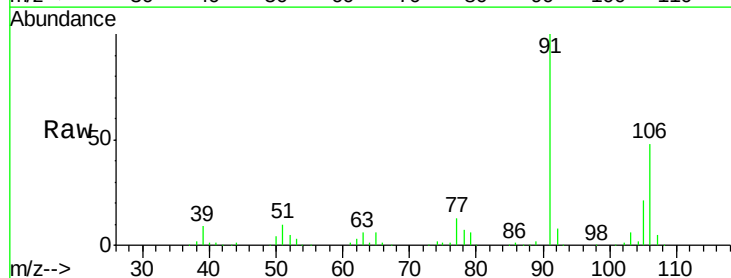
Instrument :
MSVOA_U
ClientSampleId :
BE4T8DL2

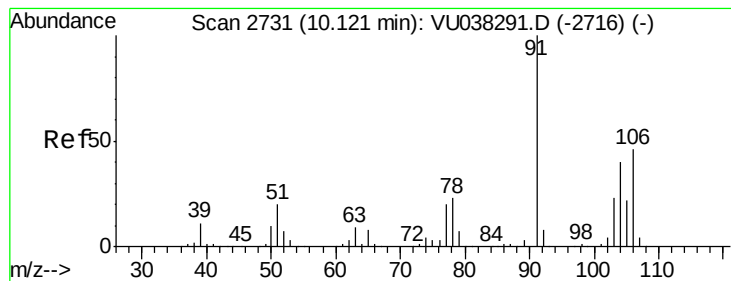
Tot Ion: 91 Resp: 187904
Ion Ratio Lower Upper
91 100
106 30.1 21.8 40.4



#53
m,p-Xylene
Concen: 2.075 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.01 min
Lab File: VU038294.D
Acq: 26 May 2020 13:45

Tgt Ion: 106 Resp: 91131
Ion Ratio Lower Upper
106 100
91 206.9 142.1 263.9





#54

o-Xylene

Concen: 0.414 ug/L

RT: 10.12 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VU038294.D

Acq: 26 May 2020 13:45

Instrument :

MSVOA_U

ClientSampleID :

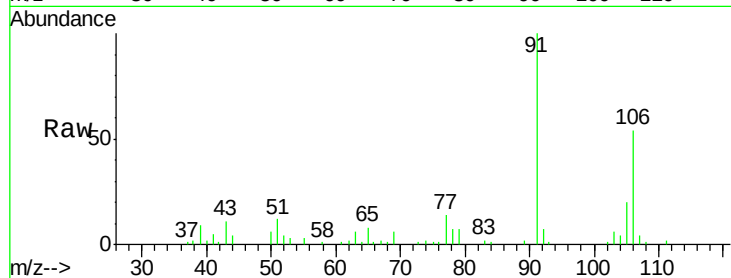
BE4T8DL2

Tot Ion:106 Resp: 17562

Ion Ratio Lower Upper

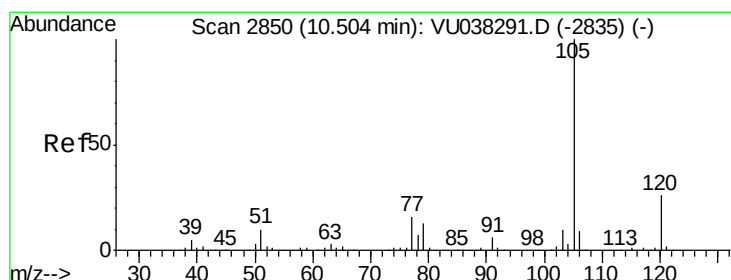
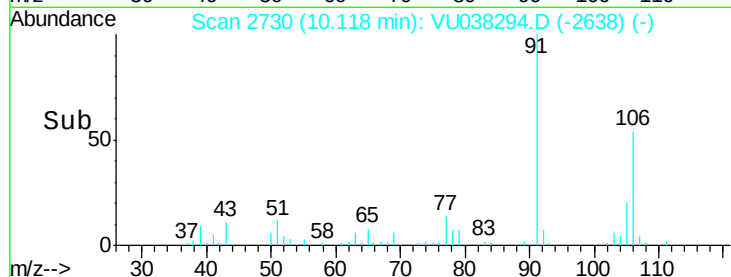
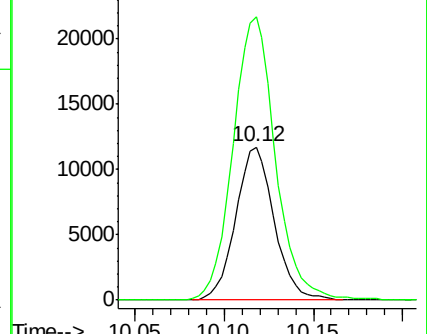
106 100

91 185.1 148.5 275.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#56

Isopropylbenzene

Concen: 0.675 ug/L

RT: 10.50 min Scan# 2848

Delta R.T. -0.01 min

Lab File: VU038294.D

Acq: 26 May 2020 13:45

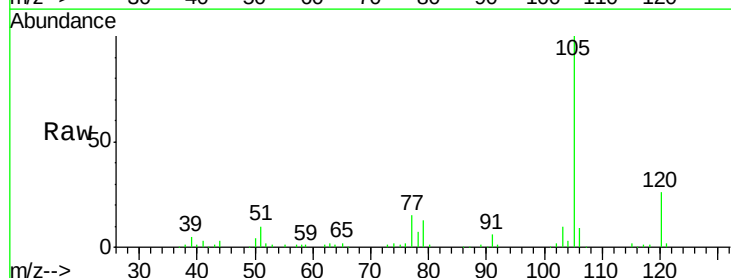
Tgt Ion:105 Resp: 73625

Ion Ratio Lower Upper

105 100

120 26.1 21.0 31.6

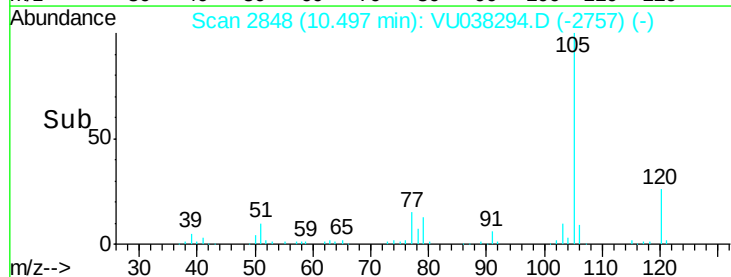
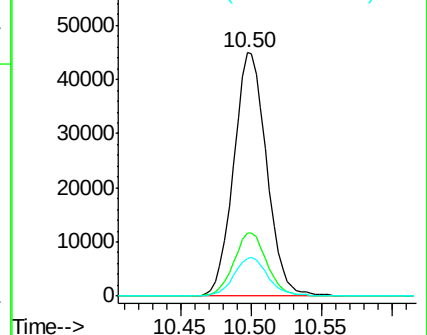
77 16.4 13.0 19.4

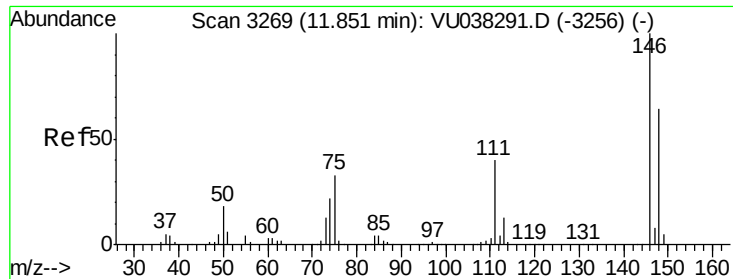


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0





#63

1,4-Dichlorobenzene

Concen: 0.167 ug/L

RT: 11.85 min Scan# 3269

Delta R.T. -0.00 min

Lab File: VU038294.D

Acq: 26 May 2020 13:45

Instrument :

MSVOA_U

ClientSampled :

BE4T8DL2

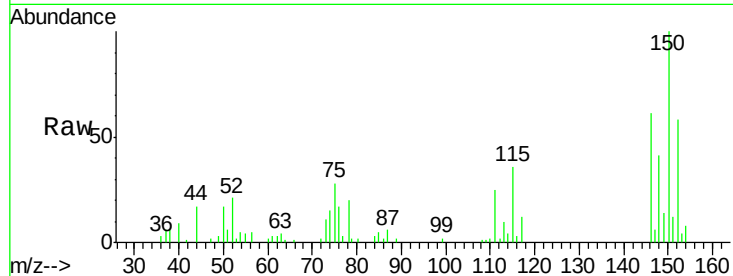
Tot Ion:146 Resp: 8571

Ion Ratio Lower Upper

146 100

111 40.4 27.2 50.6

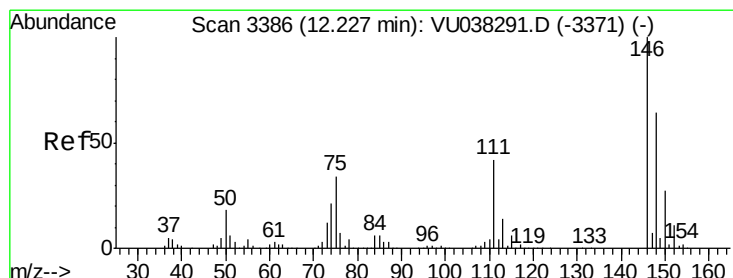
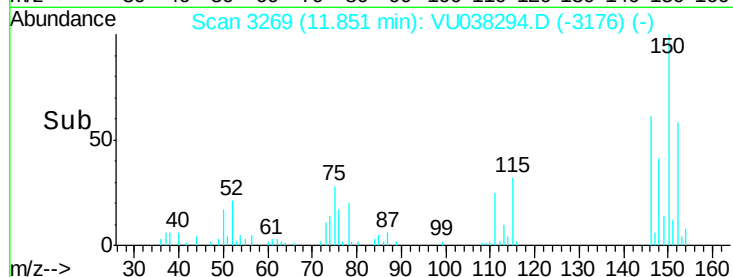
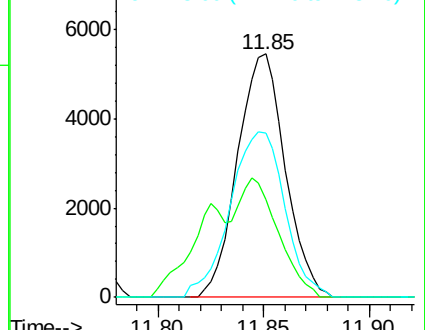
148 67.4 43.8 81.3



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



#65

1,2-Dichlorobenzene

Concen: 0.115 ug/L

RT: 12.23 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU038294.D

Acq: 26 May 2020 13:45

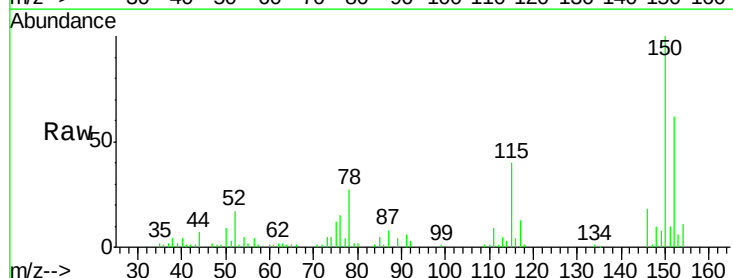
Tgt Ion:146 Resp: 5575

Ion Ratio Lower Upper

146 100

111 51.5 35.3 52.9

148 59.0 51.0 76.4



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

