

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052720\
 Data File : VU038322.D
 Acq On : 27 May 2020 15:46
 Operator : JC/MD
 Sample : L2749-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4X0

Quant Time: May 28 05:19:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 04:16:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	304936	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	298810	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	151014	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86759	3.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.20%
7) Chloroethane-d5	1.93	69	84400	3.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.00%
11) 1,1-Dichloroethene-d2	2.59	63	138997	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.66	46	347089	50.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.88%
24) Chloroform-d	5.10	84	197729	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.74	65	118604	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.76	84	412069	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.72	67	130737	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.92	98	364409	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.20	79	50453	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.66	63	274784	50.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.54%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111551	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	150431	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

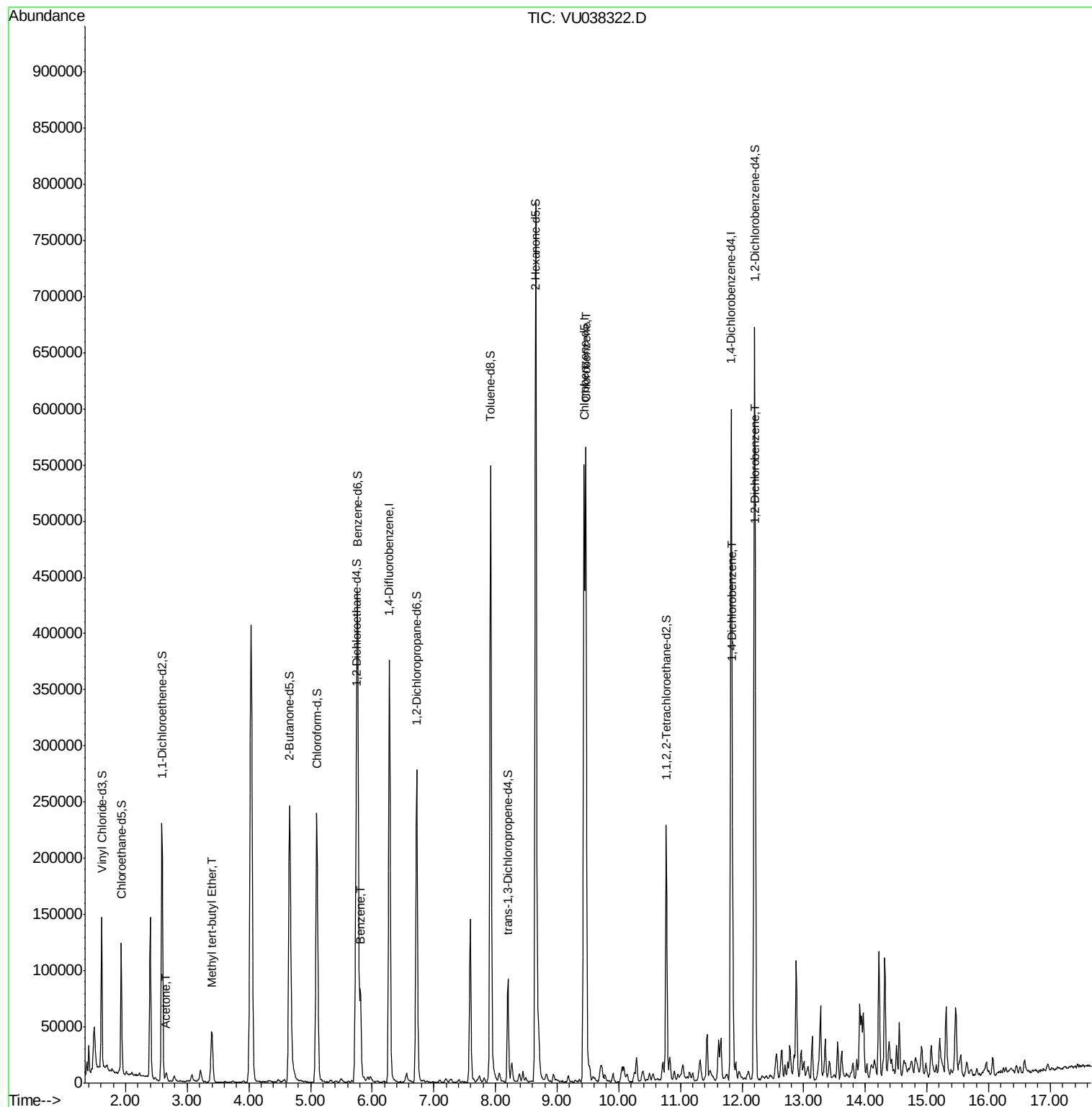
					Ovalue
13) Acetone	2.65	43	5799	1.343 ug/L	96
17) Methyl tert-butyl Ether	3.40	73	47849	0.814 ug/L	96
33) Benzene	5.81	78	74943	0.783 ug/L	100
51) Chlorobenzene	9.47	112	292569	4.667 ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	51219	1.029 ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	14860	0.314 ug/L	96

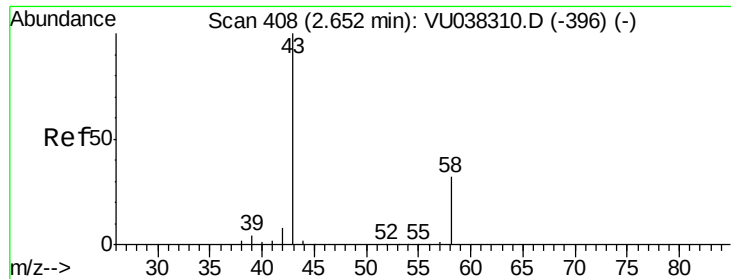
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.343 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU038322.D

Acq: 27 May 2020 15:46

Instrument :

MSVOA_U

ClientSampleId :

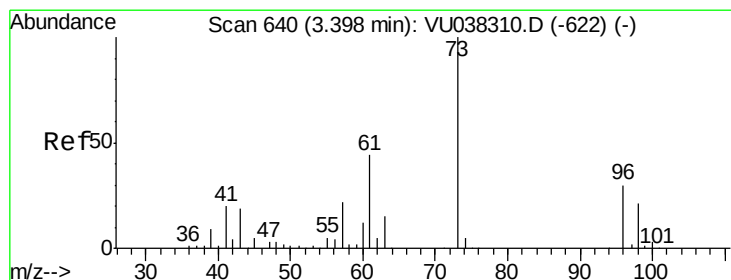
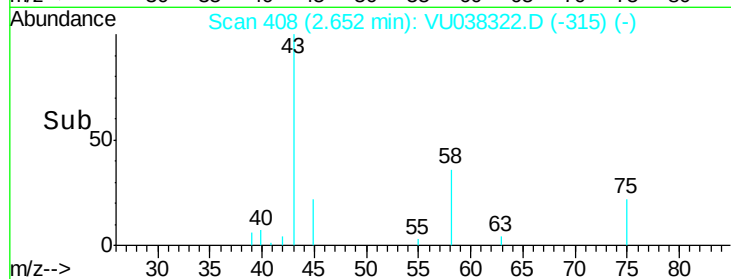
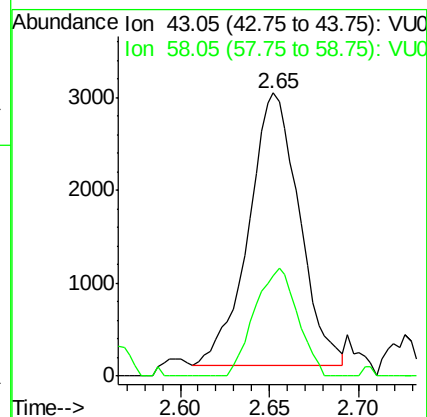
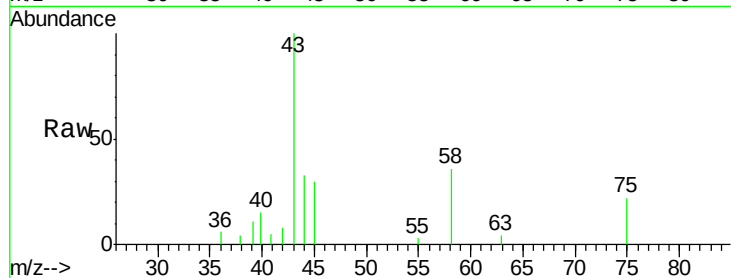
BE4X0

Tot Ion: 43 Resp: 5799

Ion Ratio Lower Upper

43 100

58 33.9 0.0 63.6



#17

Methyl tert-butyl Ether

Concen: 0.814 ug/L

RT: 3.40 min Scan# 640

Delta R.T. 0.00 min

Lab File: VU038322.D

Acq: 27 May 2020 15:46

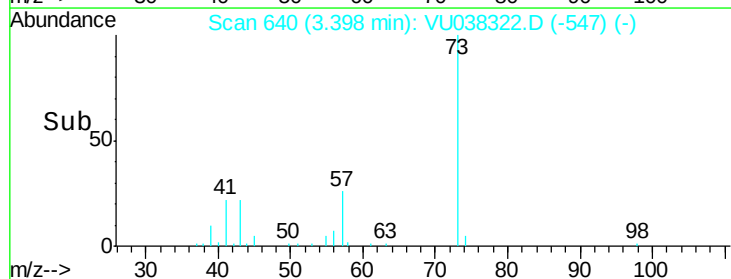
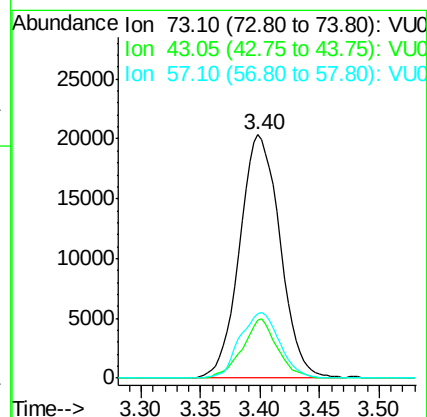
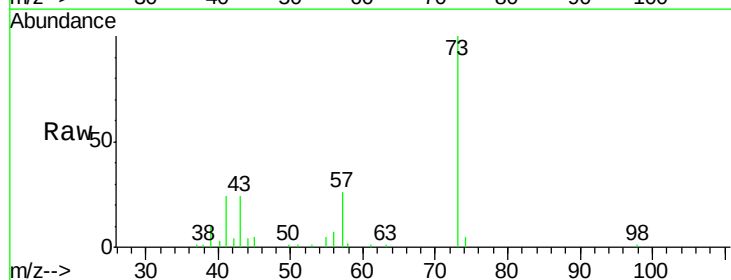
Tgt Ion: 73 Resp: 47849

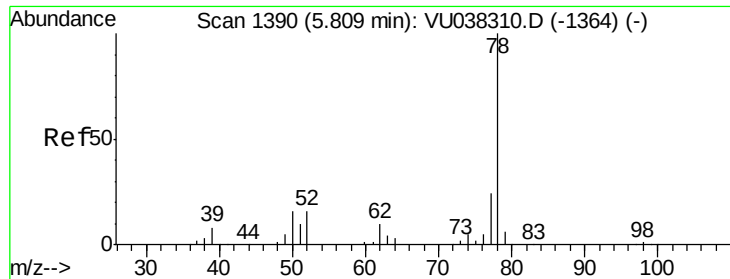
Ion Ratio Lower Upper

73 100

43 20.9 16.9 25.3

57 26.4 18.2 27.2





#33

Benzene

Concen: 0.783 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU038322.D

Acq: 27 May 2020 15:46

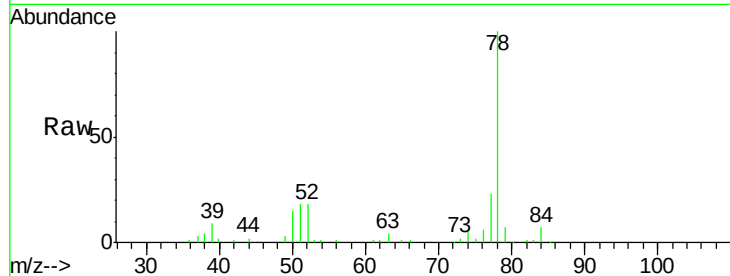
Instrument :

MSVOA_U

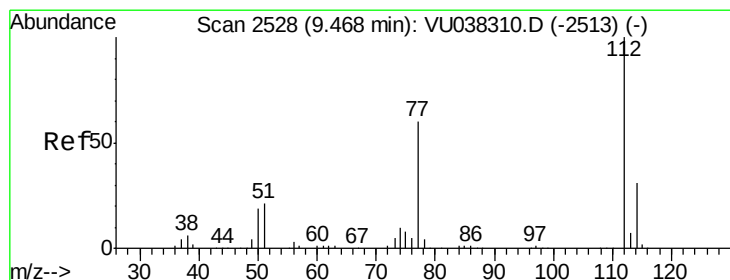
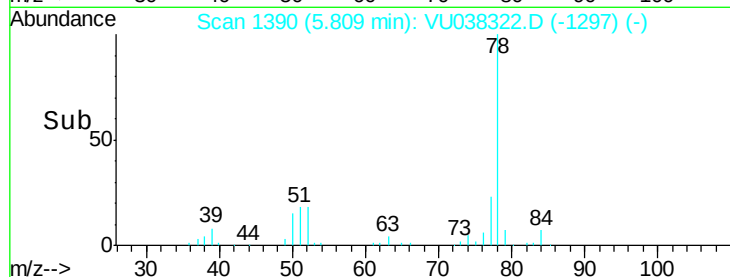
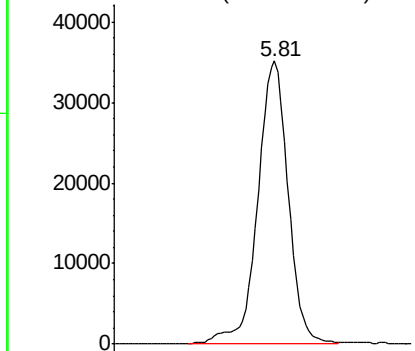
ClientSampleId :

BE4X0

Tgt Ion: 78 Resp: 74943



Abundance Ion 78.10 (77.80 to 78.80): VU0



#51

Chlorobenzene

Concen: 4.667 ug/L

RT: 9.47 min Scan# 2527

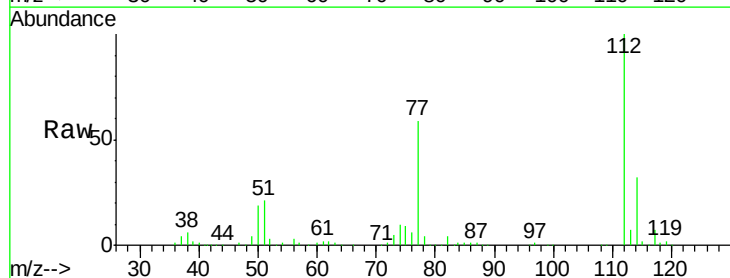
Delta R.T. -0.00 min

Lab File: VU038322.D

Acq: 27 May 2020 15:46

Tgt Ion: 112 Resp: 292569

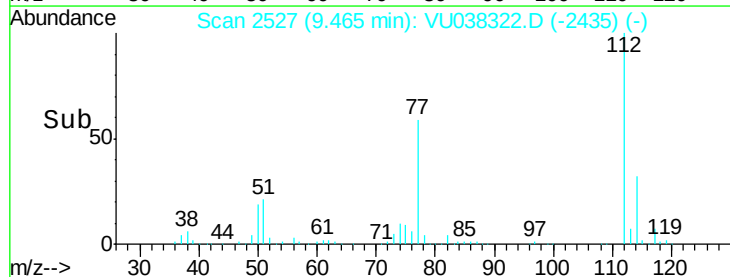
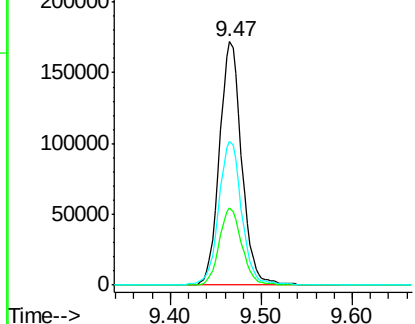
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.5	41.7
77	59.1	49.9	74.9

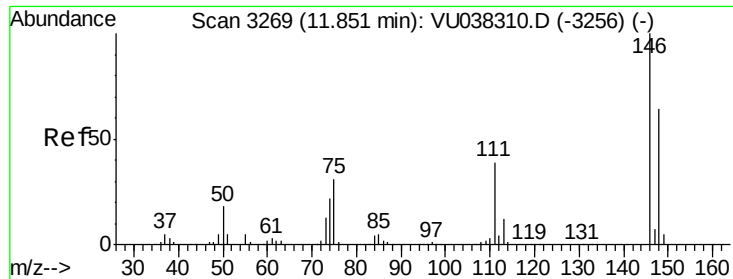


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0





#63

1,4-Dichlorobenzene

Concen: 1.029 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038322.D

Acq: 27 May 2020 15:46

Instrument :

MSVOA_U

ClientSampled :

BE4X0

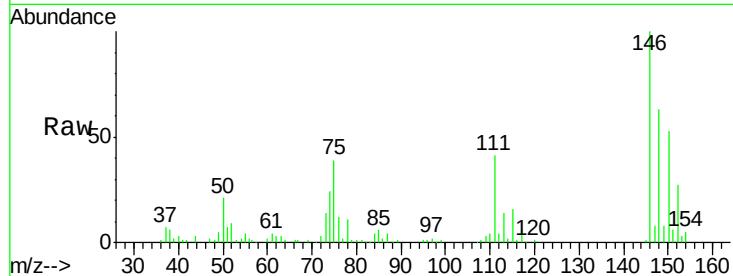
Tot Ion:146 Resp: 51219

Ion Ratio Lower Upper

146 100

111 41.1 27.2 50.6

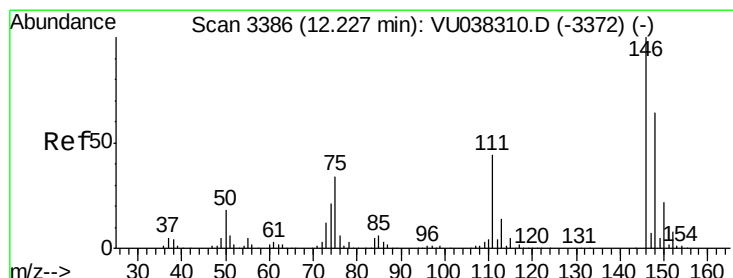
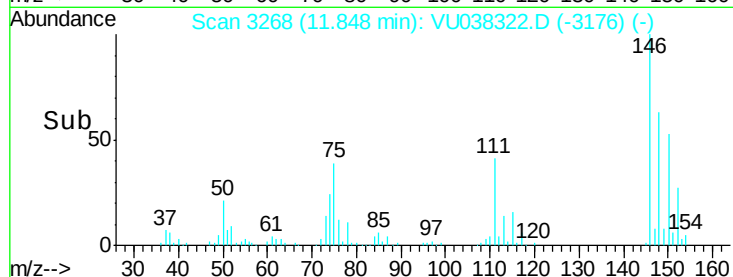
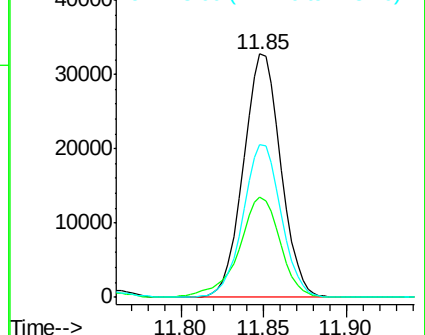
148 62.9 43.8 81.3



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: 0.314 ug/L

RT: 12.22 min Scan# 3385

Delta R.T. -0.00 min

Lab File: VU038322.D

Acq: 27 May 2020 15:46

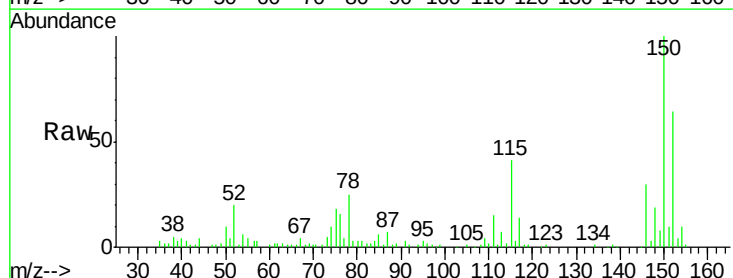
Tgt Ion:146 Resp: 14860

Ion Ratio Lower Upper

146 100

111 49.9 35.3 52.9

148 63.8 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

