

Data File : VU038417.D
Acq On : 30 May 2020 16:47
Operator : JC/MD
Sample : L2766-10DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4Z3DL

Quant Time: Jun 01 15:48:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 02:37:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	333044	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	327183	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	161015	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	111569	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.93	69	80220	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.58	63	161019	3.80	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	4.68	46	388548	59.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.68%
24) Chloroform-d	5.10	84	209894	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.74	65	127728	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.76	84	444105	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
36) 1,2-Dichloropropane-d6	6.72	67	135288	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.92	98	379496	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
43) trans-1,3-Dichloropropene-	8.20	79	55250	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	8.66	63	345450	64.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	121269	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	156235	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

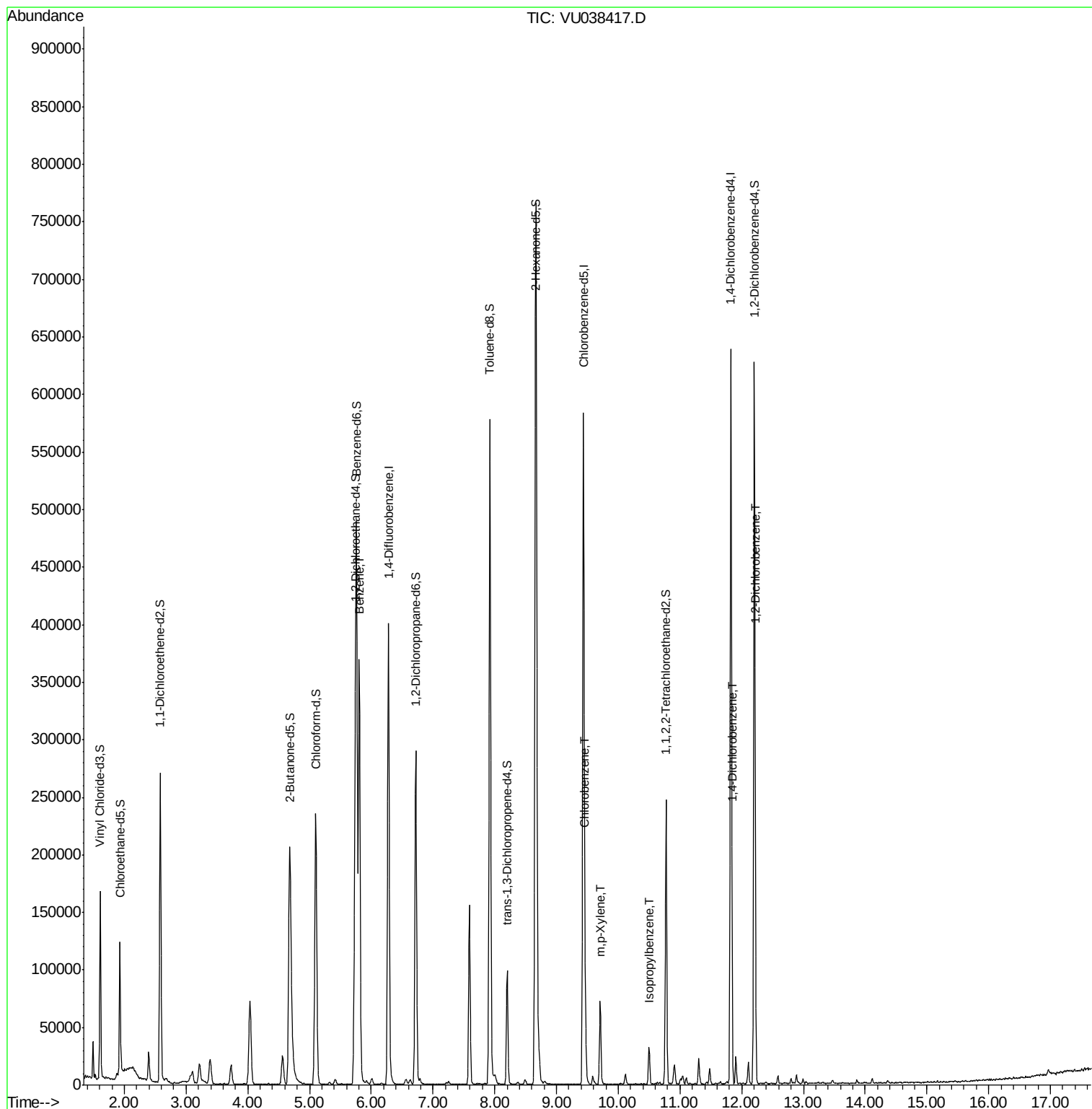
					Qvalue
33) Benzene	5.81	78	349008	3.825	ug/L 100
51) Chlorobenzene	9.47	112	40543	0.657	ug/L 97
53) m,p-Xylene	9.71	106	21769	0.532	ug/L 97
56) Isopropylbenzene	10.50	105	22081	0.213	ug/L 99
63) 1,4-Dichlorobenzene	11.85	146	4479	0.093	ug/L 94
65) 1,2-Dichlorobenzene	12.23	146	6988	0.156	ug/L 93

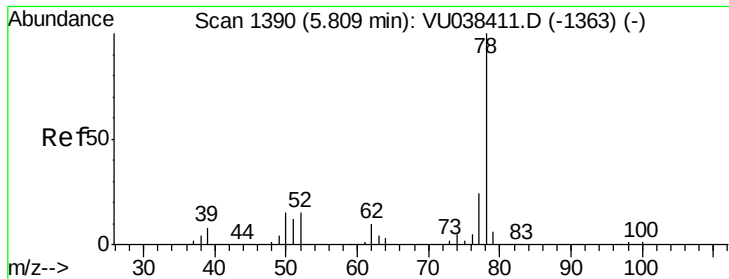
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 3.825 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

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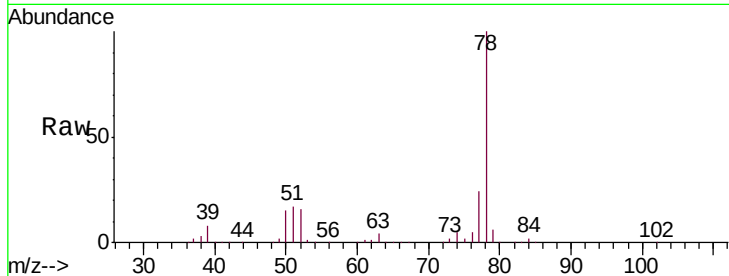
Instrument :

MSVOA_U

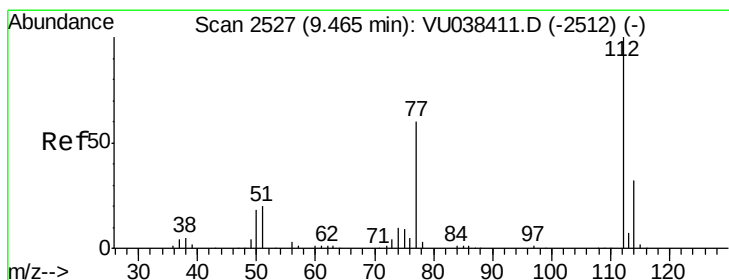
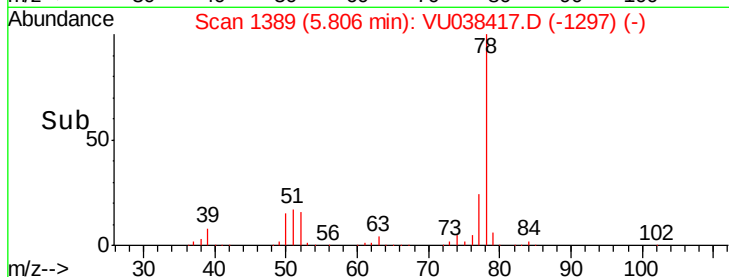
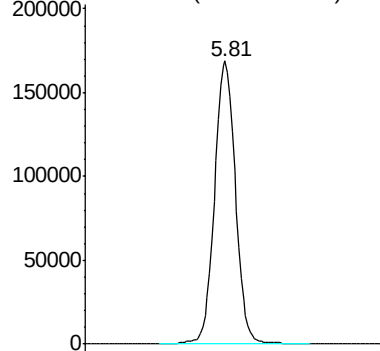
ClientSampleId :

BE4Z3DL

Tgt Ion: 78 Resp: 349008



Abundance Ion 78.10 (77.80 to 78.80): VU0



#51

Chlorobenzene

Concen: 0.657 ug/L

RT: 9.47 min Scan# 2527

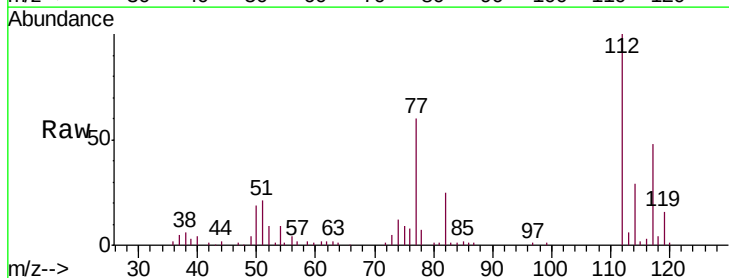
Delta R.T. 0.00 min

Lab File: VU038417.D

Acq: 30 May 2020 16:47

Tgt Ion: 112 Resp: 40543

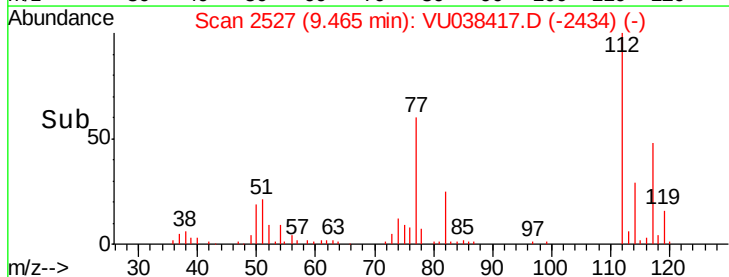
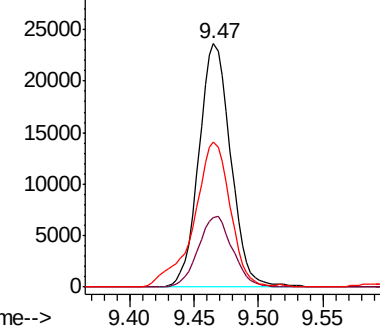
Ion	Ratio	Lower	Upper
112	100		
114	28.7	22.4	41.6
77	59.5	47.1	70.7

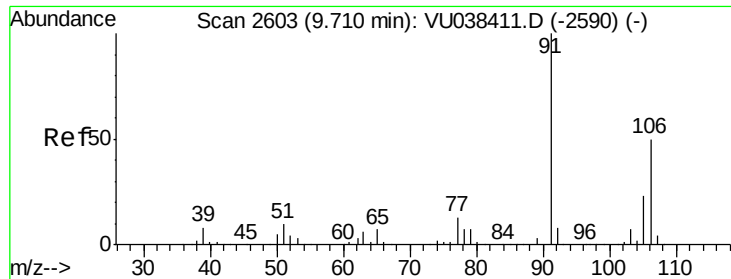


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0





#53

m,p-Xylene

Concen: 0.532 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. 0.00 min

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Acq: 30 May 2020 16:47

Instrument :

MSVOA_U

ClientSampleId :

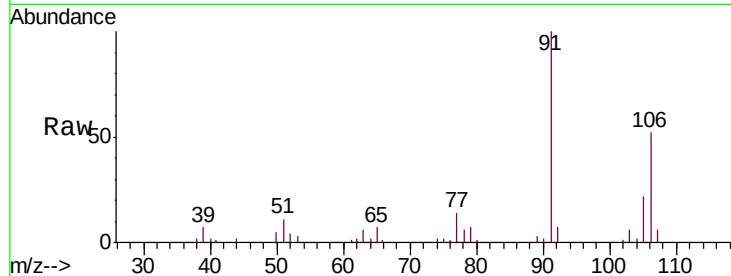
BE4Z3DL

Tgt Ion:106 Resp: 21769

Ion Ratio Lower Upper

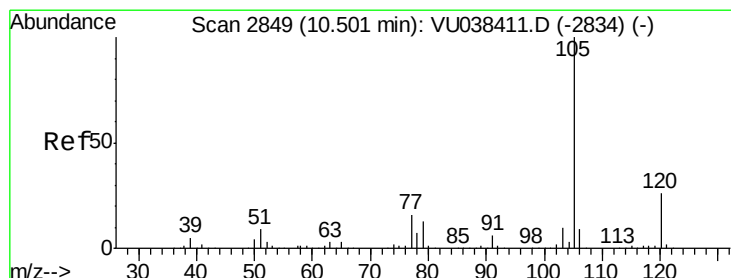
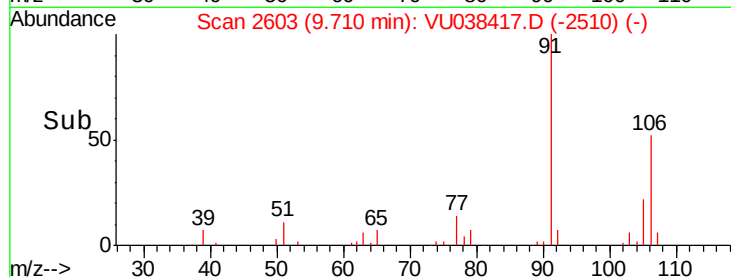
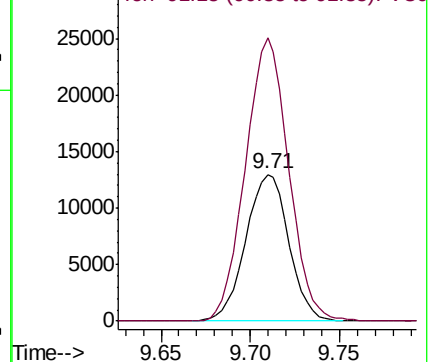
106 100

91 193.3 138.1 256.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU



#56

Isopropylbenzene

Concen: 0.213 ug/L

RT: 10.50 min Scan# 2848

Delta R.T. -0.00 min

Lab File: VU038417.D

Acq: 30 May 2020 16:47

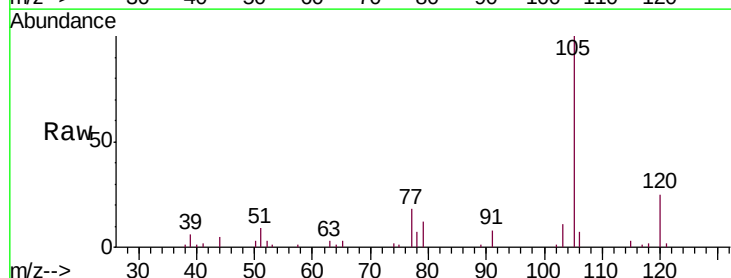
Tgt Ion:105 Resp: 22081

Ion Ratio Lower Upper

105 100

120 26.0 20.7 31.1

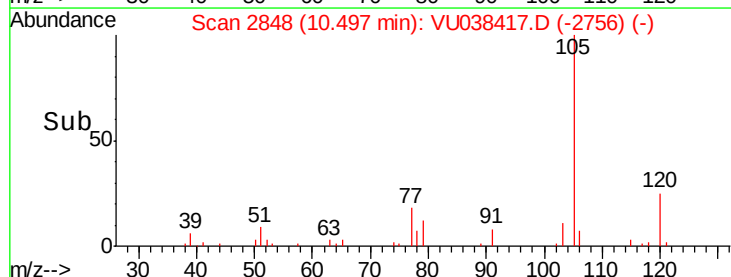
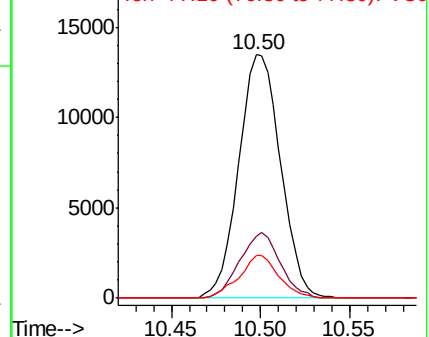
77 16.5 12.5 18.7

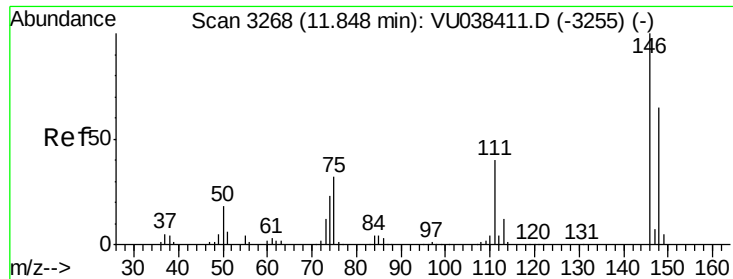


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU

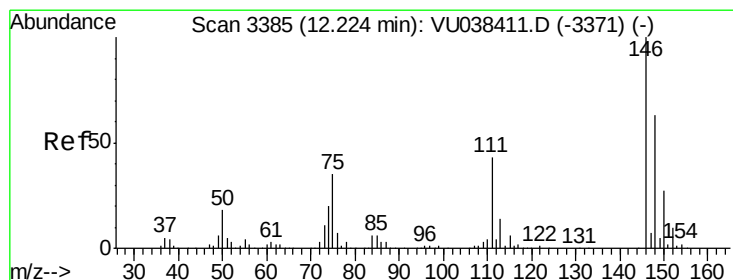
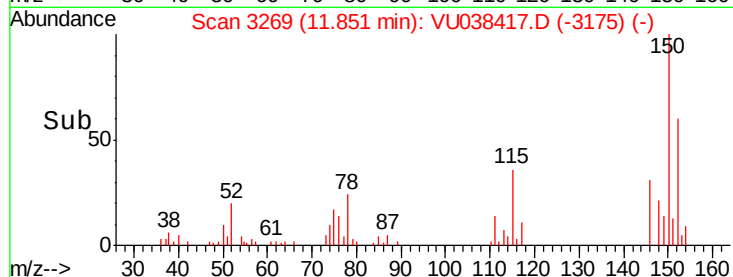
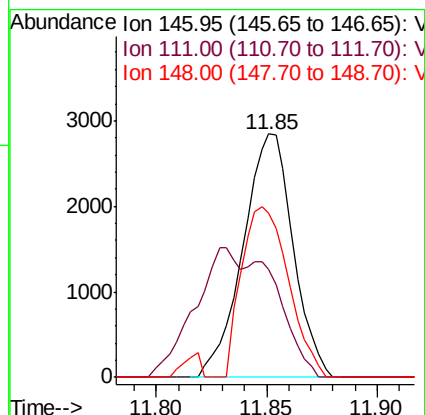
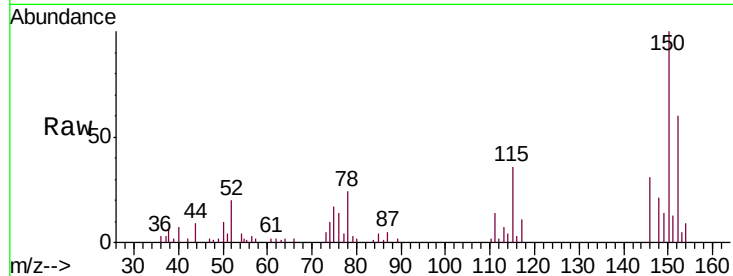




#63
 1,4-Dichlorobenzene
 Concen: 0.093 ug/L
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU038417.D
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 ClientSampleId :
 BE4Z3DL

Tgt Ion:146 Resp: 4479
 Ion Ratio Lower Upper
 146 100
 111 44.5 27.6 51.2
 148 67.7 44.8 83.2



#65
 1,2-Dichlorobenzene
 Concen: 0.156 ug/L
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU038417.D
 Acq: 30 May 2020 16:47

Tgt Ion:146 Resp: 6988
 Ion Ratio Lower Upper
 146 100
 111 46.0 35.1 52.7
 148 71.7 50.9 76.3

