

Data File : VU030447.D
Acq On : 26 Mar 2019 16:44
Operator : JC/SP
Sample : VU0326WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK58

Quant Time: Mar 27 06:03:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 06:00:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	422341	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	406591	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	161651	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	177704	52.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.56%
7) Chloroethane-d5	1.67	69	139215	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.34%
11) 1,1-Dichloroethene-d2	2.27	63	243924	37.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.66%
21) 2-Butanone-d5	4.17	46	309179	96.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.76%
24) Chloroform-d	4.64	84	282670	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.54%
26) 1,2-Dichloroethane-d4	5.31	65	193372	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.92%
32) Benzene-d6	5.34	84	579216	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.36%
36) 1,2-Dichloropropane-d6	6.33	67	209298	52.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.92%
41) Toluene-d8	7.56	98	502652	48.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.85	79	80718	43.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.06%
47) 2-Hexanone-d5	8.31	63	207450	95.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	271846	47.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	167051	51.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.16%

Target Compounds

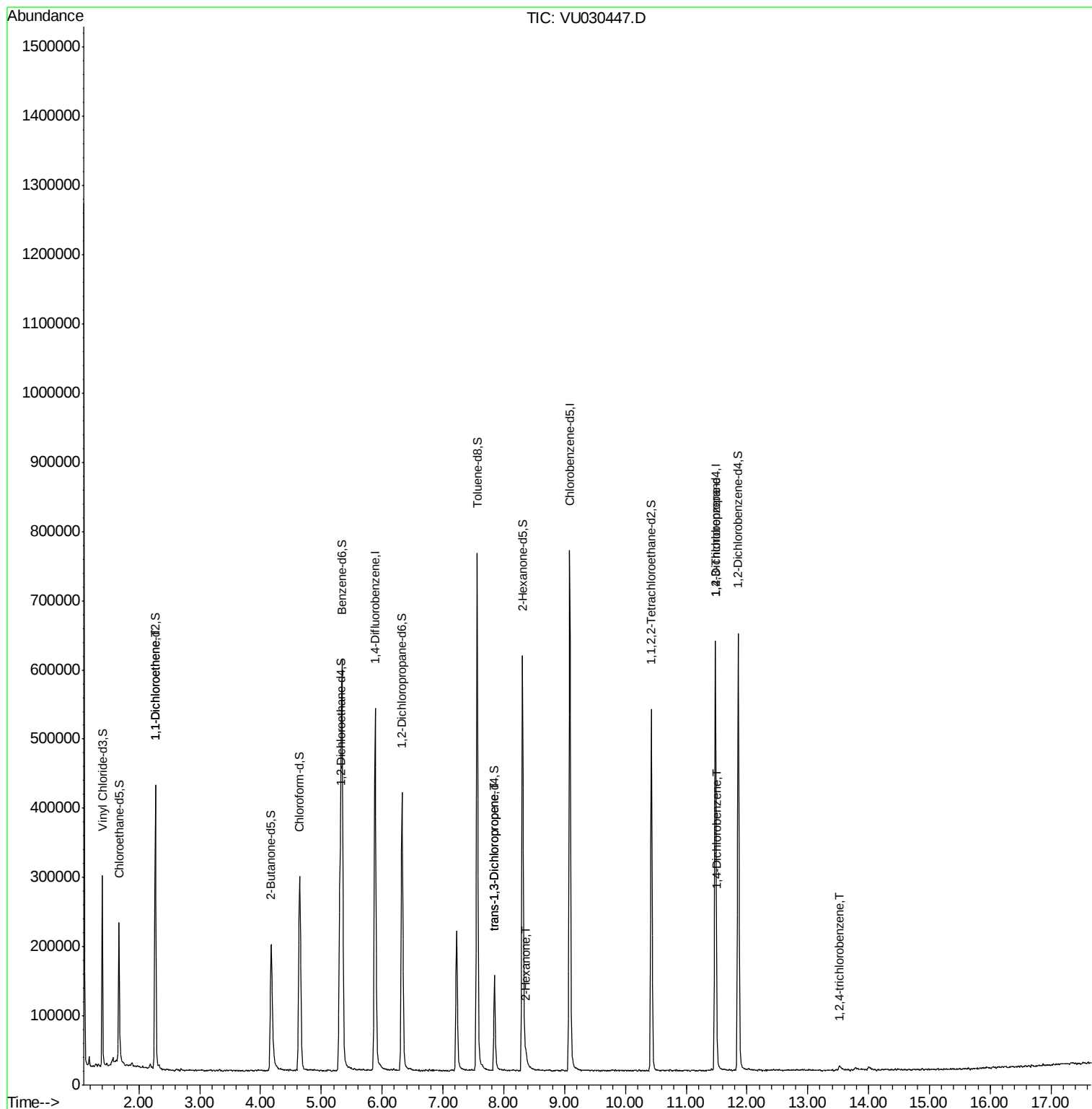
					Qvalue	
12) 1,1-Dichloroethene	2.27	96	1983	0.656	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	3395	0.683	ug/L	88
48) 2-Hexanone	8.36	43	6554	1.212	ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	22692	4.746	ug/L	92
63) 1,4-Dichlorobenzene	11.51	146	5098	0.937	ug/L	94
68) 1,2,4-trichlorobenzene	13.52	180	3620	1.053	ug/L #	82

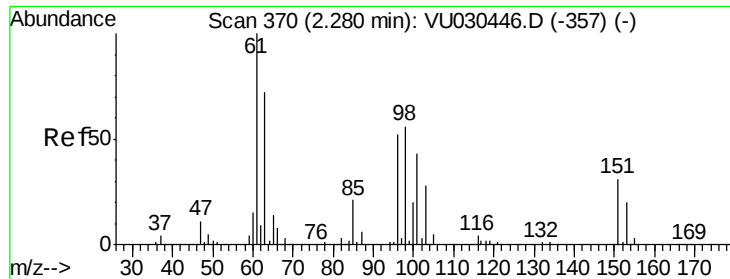
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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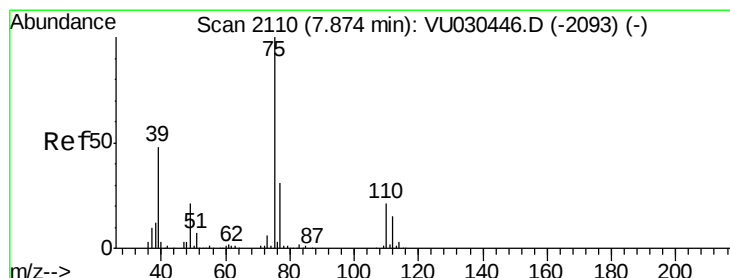
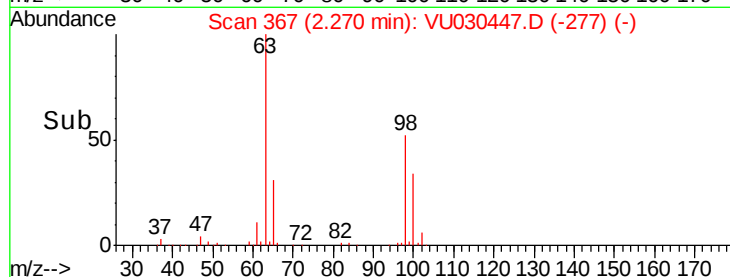
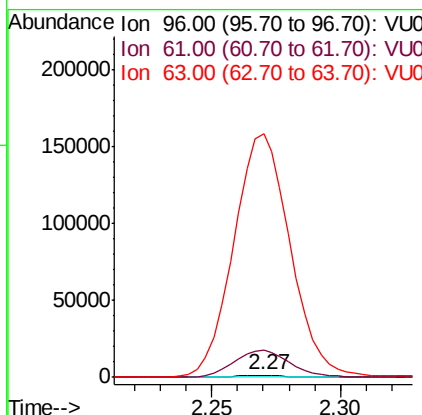
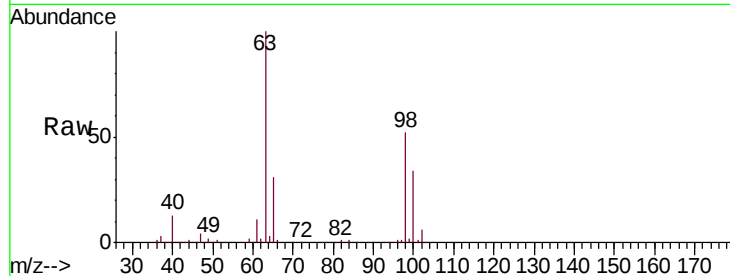




#12
 1,1-Dichloroethene
 Concen: 0.656 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU030447.D
 Acq: 26 Mar 2019 16:44

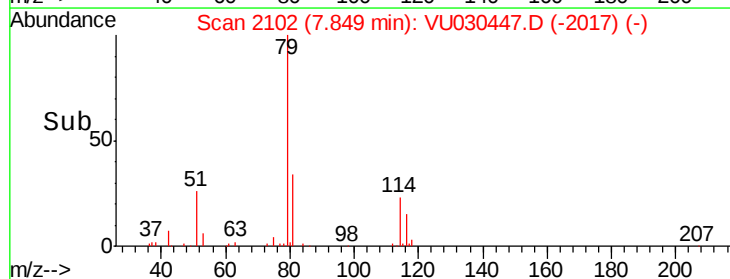
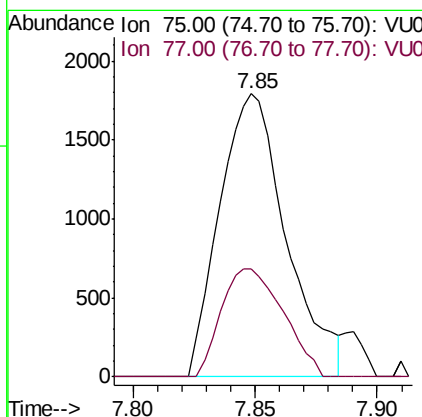
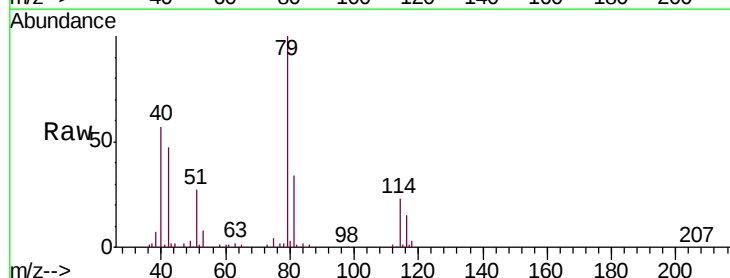
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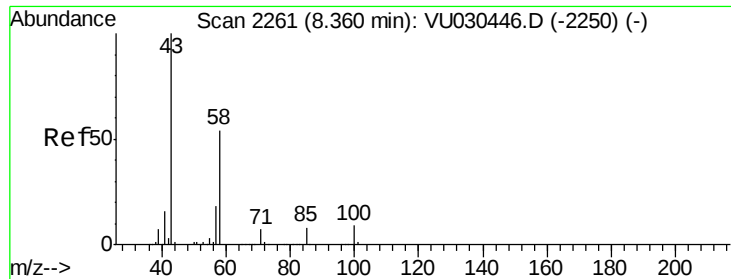
Tgt Ion: 96 Resp: 1983
 Ion Ratio Lower Upper
 96 100
 61 1242.7 131.0 243.4#
 63 11223.8 92.4 171.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.683 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030447.D
 Acq: 26 Mar 2019 16:44

Tgt Ion: 75 Resp: 3395
 Ion Ratio Lower Upper
 75 100
 77 38.1 22.0 40.8

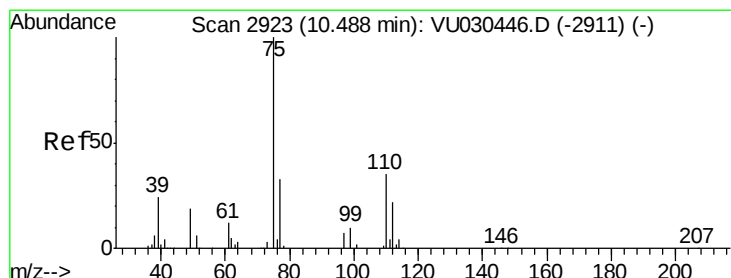
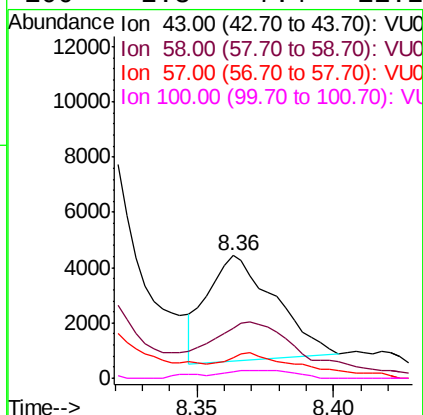
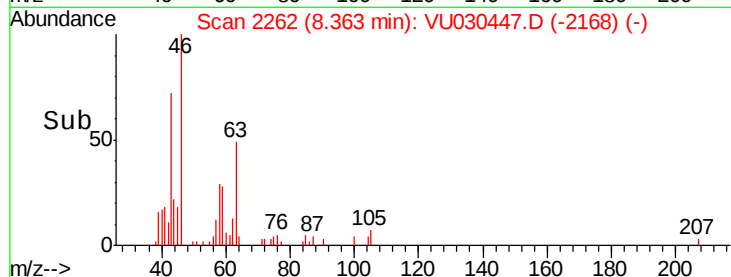
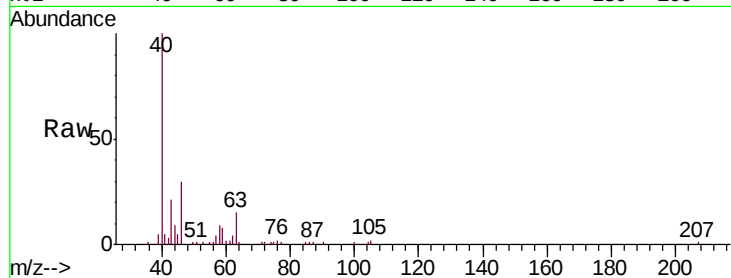




#48
2-Hexanone
Concen: 1.212 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030447.D
Acq: 26 Mar 2019 16:44

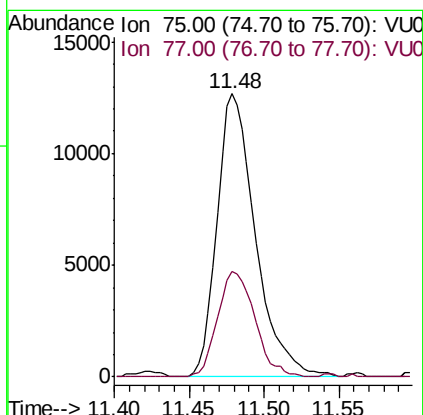
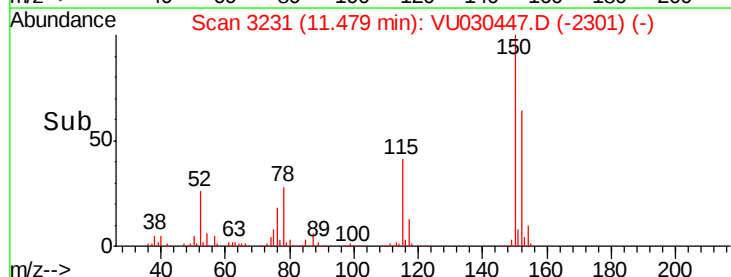
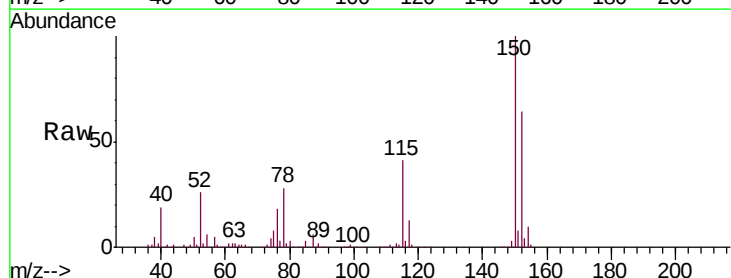
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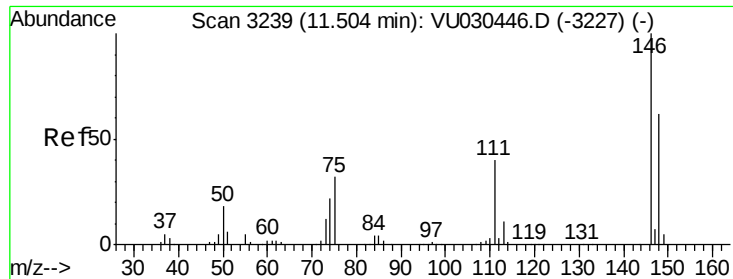
Tgt Ion: 43 Resp: 6554
Ion Ratio Lower Upper
43 100
58 41.4 42.5 63.7#
57 18.1 15.0 22.6
100 2.3 7.4 11.2#



#59
1,2,3-Trichloropropane
Concen: 4.746 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030447.D
Acq: 26 Mar 2019 16:44

Tgt Ion: 75 Resp: 22692
Ion Ratio Lower Upper
75 100
77 36.0 25.4 38.2

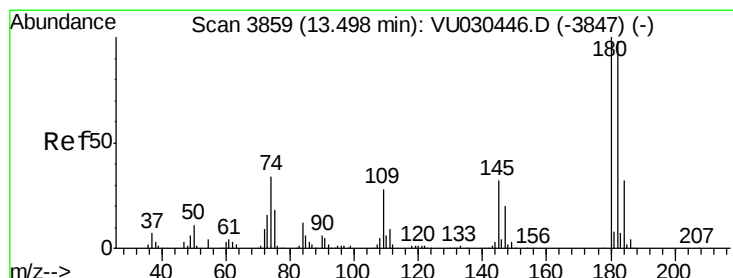
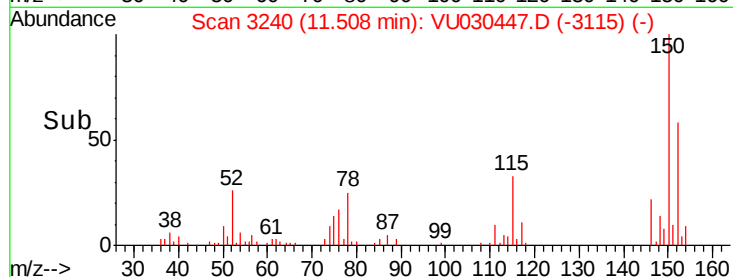
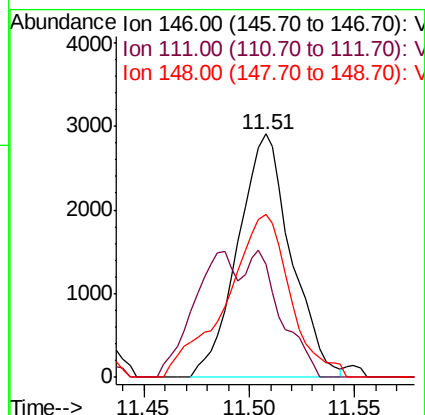
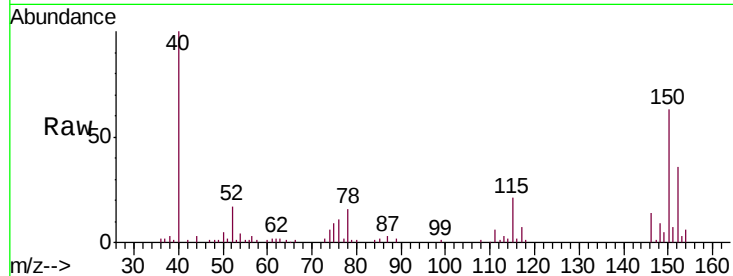




#63
 1,4-Dichlorobenzene
 Concen: 0.937 ug/L
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU030447.D
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Tgt Ion:146 Resp: 5098
 Ion Ratio Lower Upper
 146 100
 111 46.6 28.7 53.3
 148 66.8 44.3 82.3



#68
 1,2,4-trichlorobenzene
 Concen: 1.053 ug/L
 RT: 13.52 min Scan# 3865
 Delta R.T. 0.02 min
 Lab File: VU030447.D
 Acq: 26 Mar 2019 16:44

Tgt Ion:180 Resp: 3620
 Ion Ratio Lower Upper
 180 100
 182 108.4 76.1 114.1
 145 12.5 24.5 36.7#

