

Data File : VU030452.D
Acq On : 26 Mar 2019 18:42
Operator : JC/SP
Sample : K2022-14 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09D3

Quant Time: Mar 27 06:04:09 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	454715	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	423141	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	165336	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	172704	47.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.38%
7) Chloroethane-d5	1.67	69	144222	49.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.44%
11) 1,1-Dichloroethene-d2	2.27	63	248948	35.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.72%
21) 2-Butanone-d5	4.17	46	355567	103.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.36%
24) Chloroform-d	4.64	84	304009	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
26) 1,2-Dichloroethane-d4	5.31	65	208164	50.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.90%
32) Benzene-d6	5.34	84	610193	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.58%
36) 1,2-Dichloropropane-d6	6.33	67	219953	52.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.96%
41) Toluene-d8	7.56	98	525174	48.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.38%
43) trans-1,3-Dichloropropene-	7.85	79	94495	48.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.80%
47) 2-Hexanone-d5	8.31	63	223717	99.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	302887	50.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	175768	53.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.12%

Target Compounds

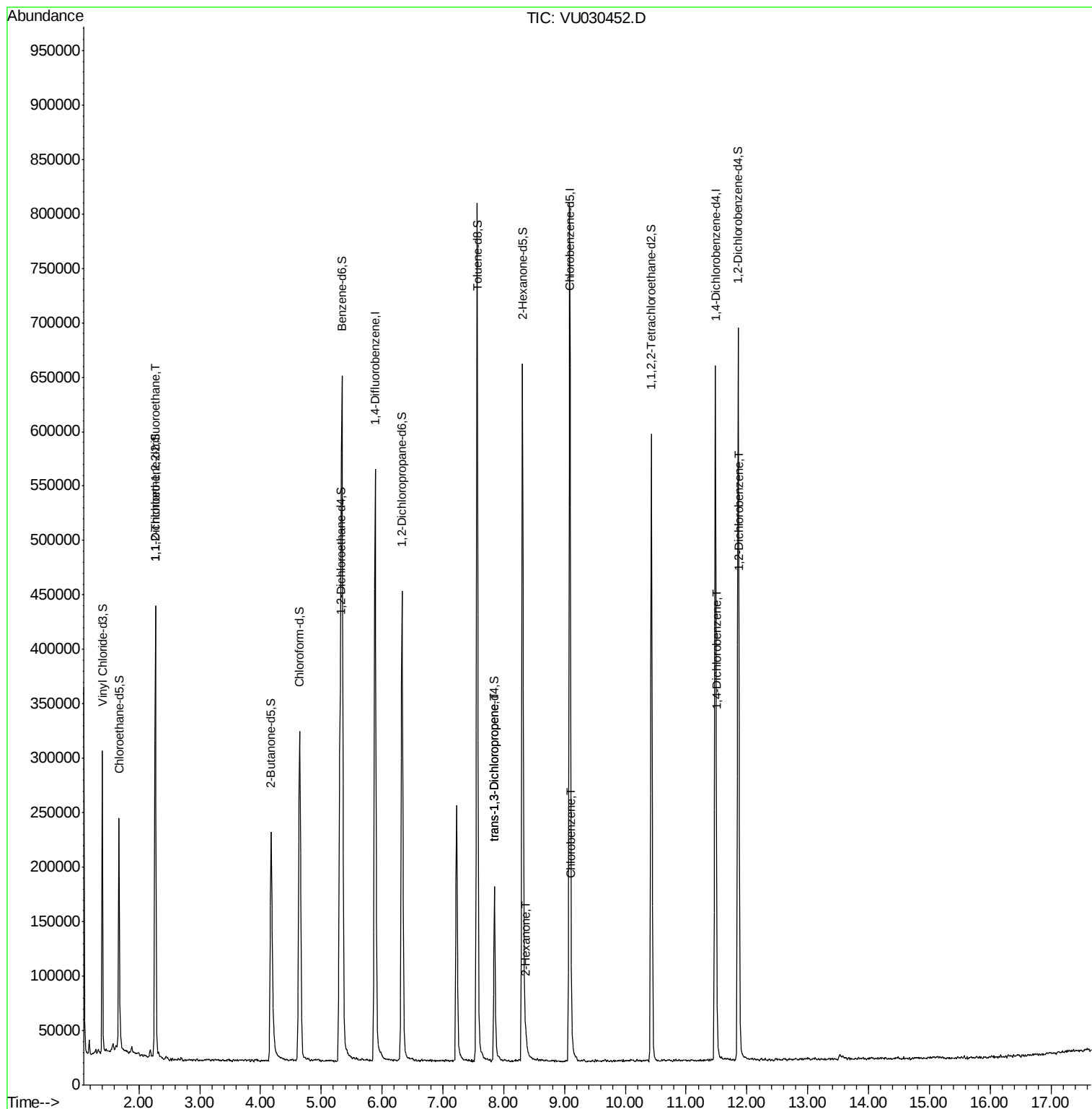
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2315	0.698 ug/L #	22
44) trans-1,3-Dichloropropene	7.85	75	4045	0.782 ug/L	99
48) 2-Hexanone	8.36	43	5688	1.011 ug/L #	52
51) Chlorobenzene	9.12	112	8500	0.938 ug/L	93
63) 1,4-Dichlorobenzene	11.50	146	7409	1.331 ug/L	92
65) 1,2-Dichlorobenzene	11.88	146	9381	1.716 ug/L	98

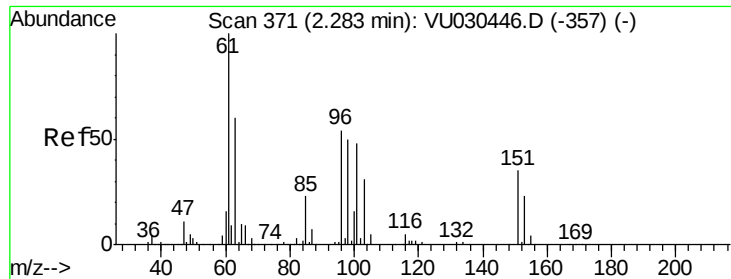
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.698 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampled :

C09D3

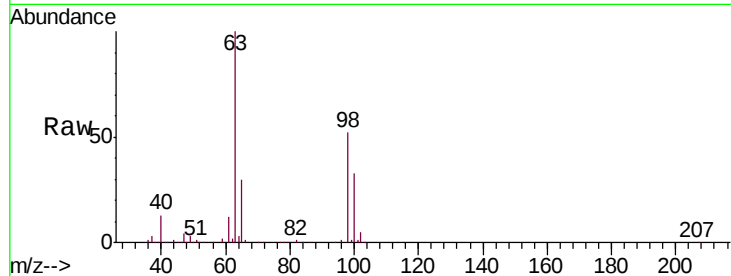
Tgt Ion: 101 Resp: 2315

Ion Ratio Lower Upper

101 100

85 1.8 34.8 52.2#

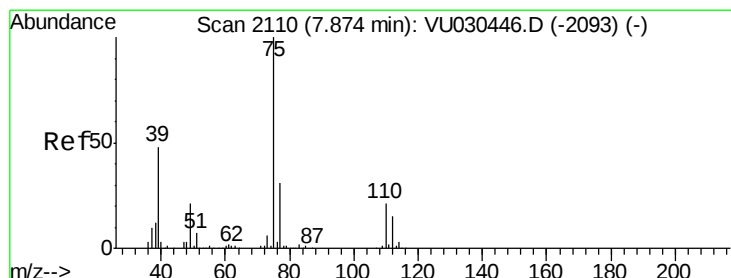
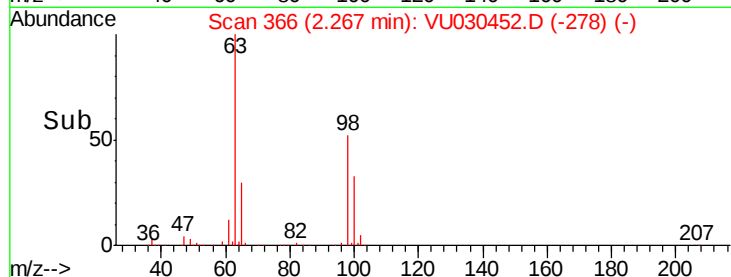
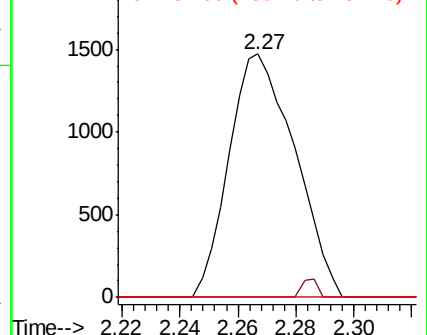
151 0.0 56.6 85.0#



Abundance Ion 101.00 (100.70 to 101.70): V

2000 Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#44

trans-1,3-Dichloropropene

Concen: 0.782 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030452.D

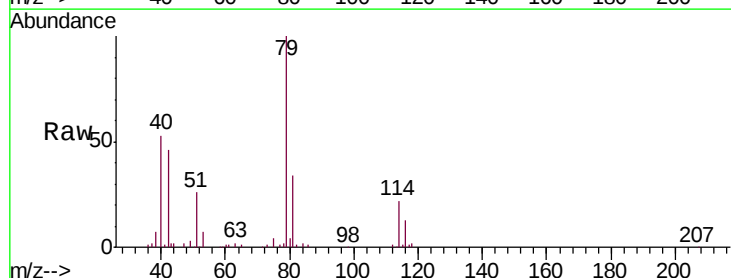
Acq: 26 Mar 2019 18:42

Tgt Ion: 75 Resp: 4045

Ion Ratio Lower Upper

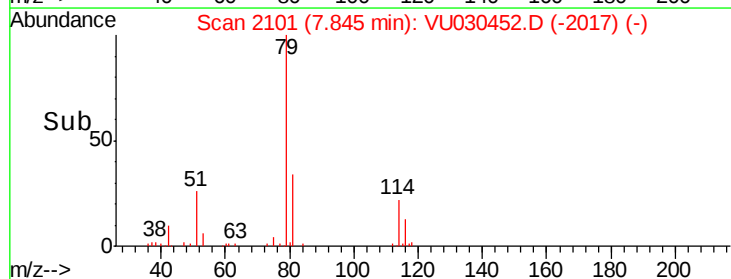
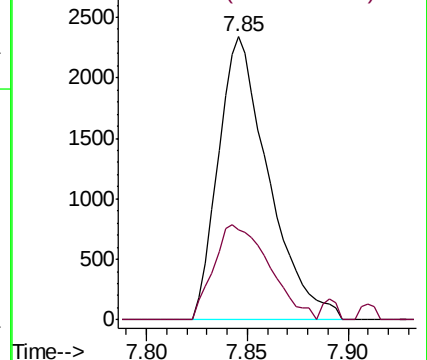
75 100

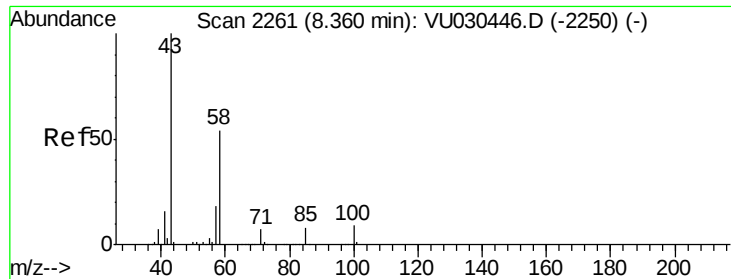
77 31.7 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

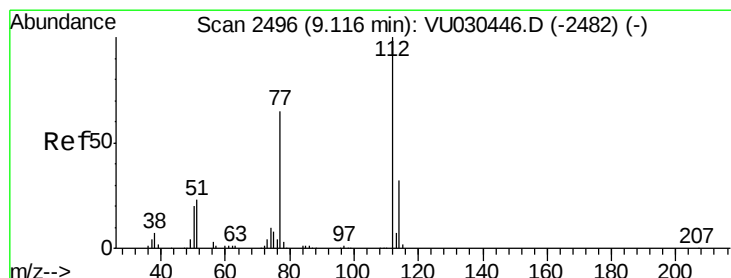
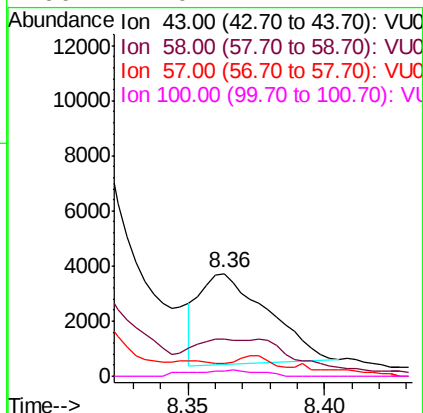
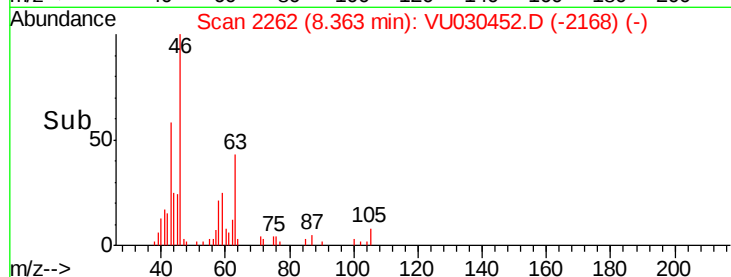
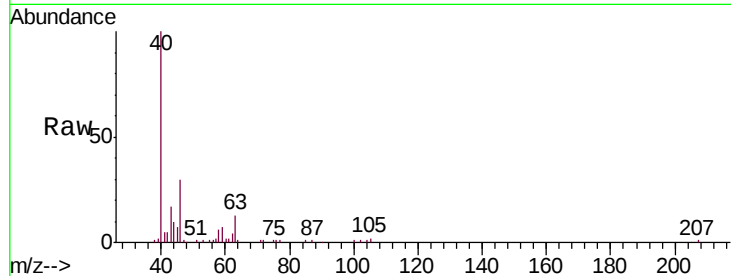




#48
2-Hexanone
Concen: 1.011 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
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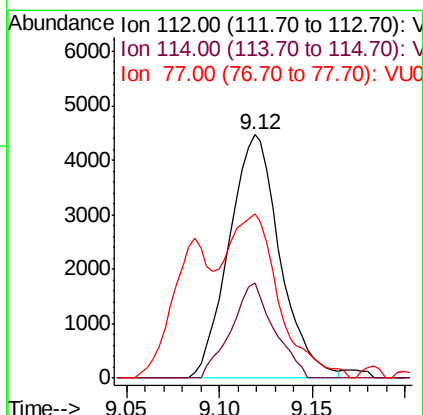
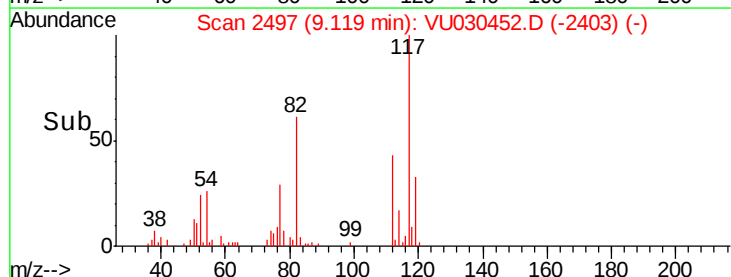
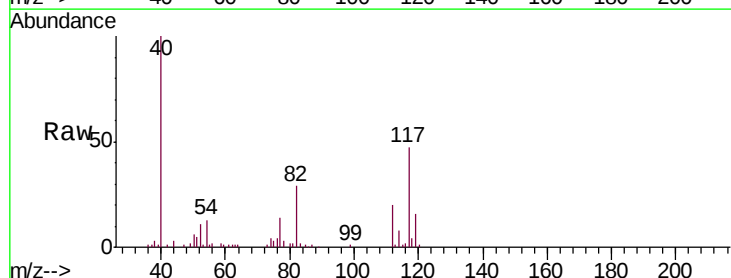
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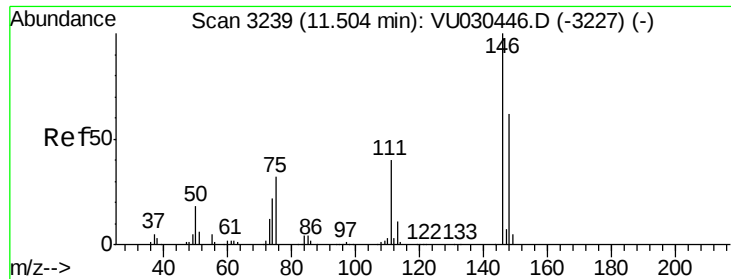
Tgt Ion: 43 Resp: 5688
Ion Ratio Lower Upper
43 100
58 11.1 42.5 63.7#
57 6.0 15.0 22.6#
100 2.0 7.4 11.2#



#51
Chlorobenzene
Concen: 0.938 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU030452.D
Acq: 26 Mar 2019 18:42

Tgt Ion: 112 Resp: 8500
Ion Ratio Lower Upper
112 100
114 38.8 21.5 39.9
77 67.3 51.4 77.0

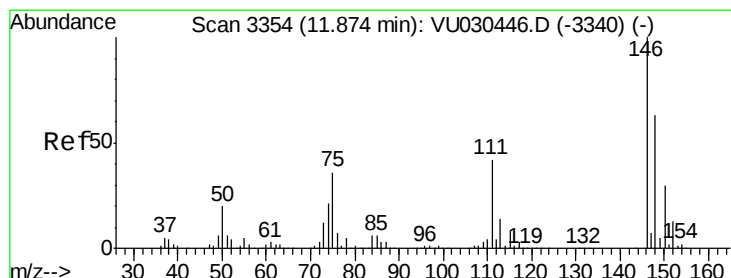
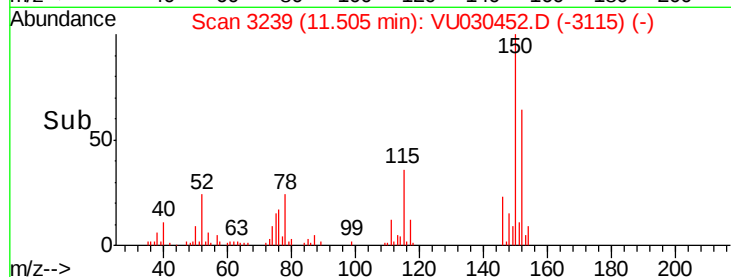
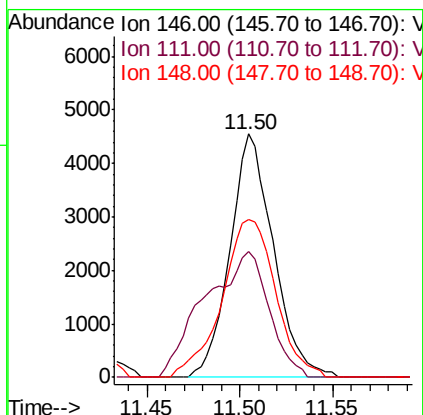
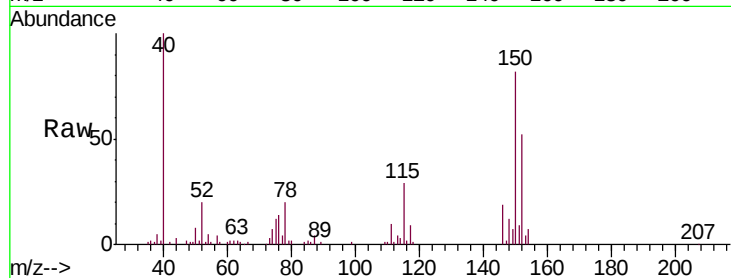




#63
 1,4-Dichlorobenzene
 Concen: 1.331 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU030452.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 C09D3

Tgt Ion:146 Resp: 7409
 Ion Ratio Lower Upper
 146 100
 111 51.5 28.7 53.3
 148 65.0 44.3 82.3



#65
 1,2-Dichlorobenzene
 Concen: 1.716 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030452.D
 Acq: 26 Mar 2019 18:42

Tgt Ion:146 Resp: 9381
 Ion Ratio Lower Upper
 146 100
 111 44.5 34.9 52.3
 148 62.5 51.2 76.8

