

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
 Data File : VU032492.D
 Acq On : 06 Jun 2019 13:21
 Operator : JC/SP
 Sample : K3213-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8J9

Quant Time: Jun 07 04:53:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 04:06:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	219540	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	205278	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	106902	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	49918	35.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.10%
7) Chloroethane-d5	1.68	69	45103	39.40	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.27	63	82966	29.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.50%#
21) 2-Butanone-d5	4.17	46	132924	111.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.52%
24) Chloroform-d	4.64	84	118221	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.30	65	79536	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
32) Benzene-d6	5.33	84	249007	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
36) 1,2-Dichloropropane-d6	6.32	67	79462	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.10%
41) Toluene-d8	7.56	98	237758	47.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.10%
43) trans-1,3-Dichloropropene-	7.85	79	38614	48.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.58%
47) 2-Hexanone-d5	8.31	63	95669	118.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	125824	51.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.94%
64) 1,2-Dichlorobenzene-d4	11.85	152	105013	51.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.58%

Target Compounds

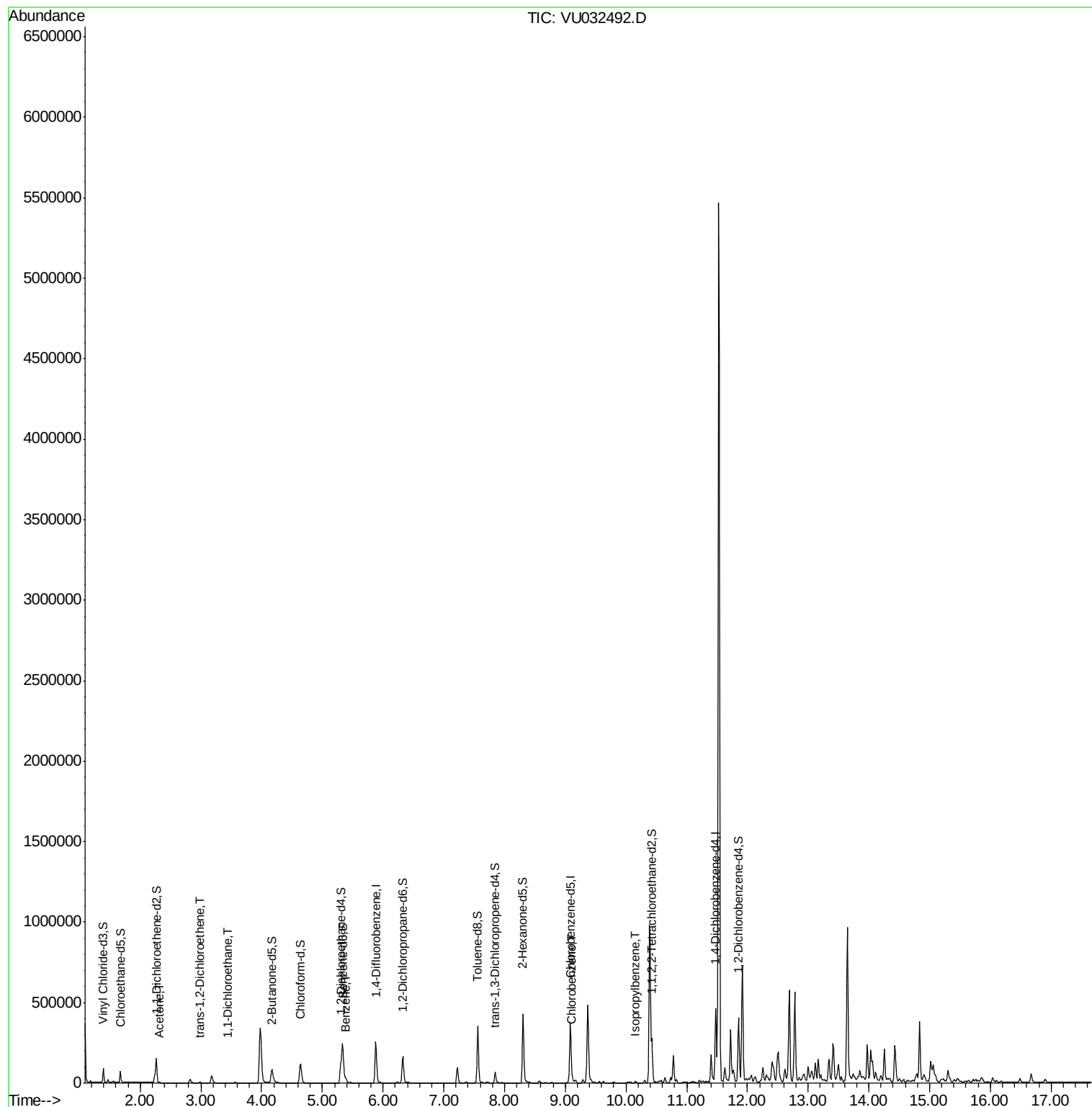
					Ovalue
13) Acetone	2.32	43	2538	2.064 ug/L	85
17) trans-1,2-Dichloroethene	2.98	96	2177	1.542 ug/L	97
19) 1,1-Dichloroethane	3.44	63	2358	0.916 ug/L	97
33) Benzene	5.39	78	31972	5.543 ug/L	100
51) Chlorobenzene	9.12	112	15230	3.742 ug/L	97
56) Isopropylbenzene	10.16	105	5824	0.831 ug/L	98

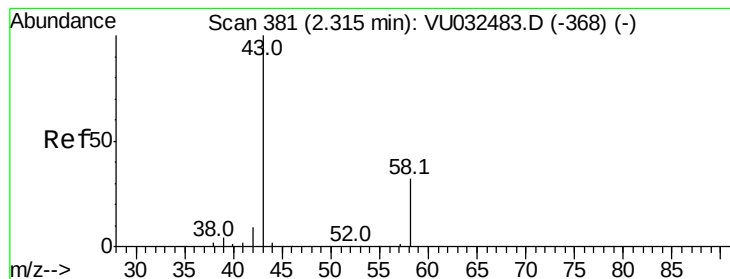
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
Data File : VU032492.D
Acq On : 06 Jun 2019 13:21
Operator : JC/SP
Sample : K3213-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8J9

Quant Time: Jun 07 04:53:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 04:06:44 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.064 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032492.D

Acq: 06 Jun 2019 13:21

Instrument :

MSVOA_U

ClientSampleId :

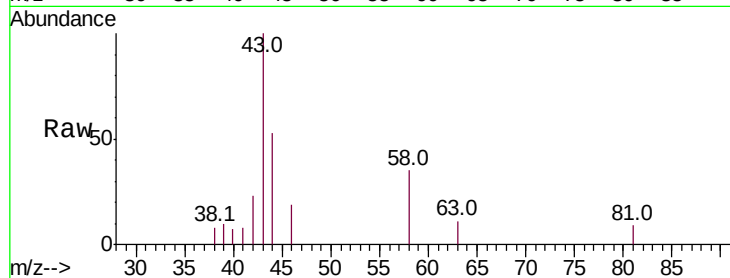
DB8J9

Tot Ion: 43 Resp: 2538

Ion Ratio Lower Upper

43 100

58 40.2 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032483.D (-368) (-)

Ion 58.00 (57.70 to 58.70): VU032483.D (-368) (-)

15000

10000

5000

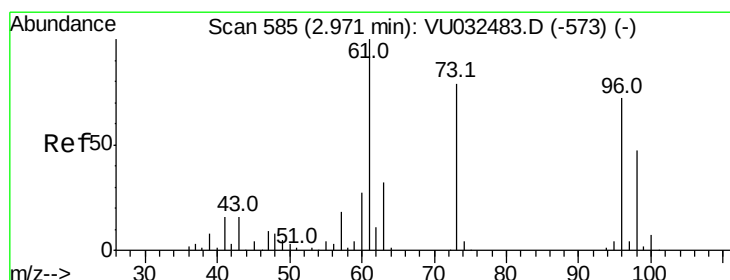
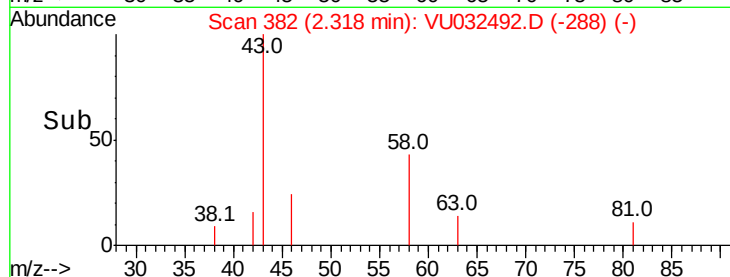
0

2.30

2.32

2.35

Time-->



#17

trans-1,2-Dichloroethene

Concen: 1.542 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.01 min

Lab File: VU032492.D

Acq: 06 Jun 2019 13:21

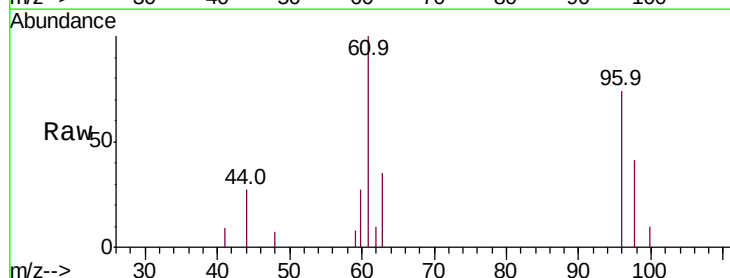
Tgt Ion: 96 Resp: 2177

Ion Ratio Lower Upper

96 100

61 135.9 95.7 177.7

98 56.3 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU032483.D (-573) (-)

Ion 61.00 (60.70 to 61.70): VU032483.D (-573) (-)

Ion 98.00 (97.70 to 98.70): VU032483.D (-573) (-)

2000

1500

1000

500

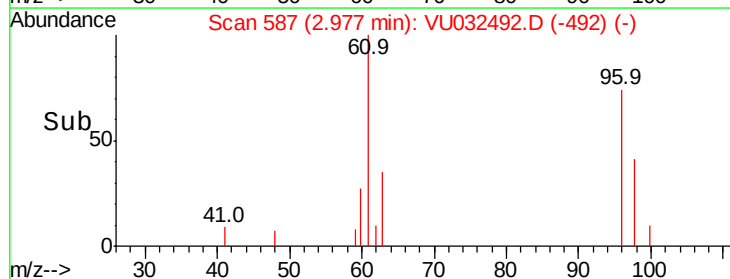
0

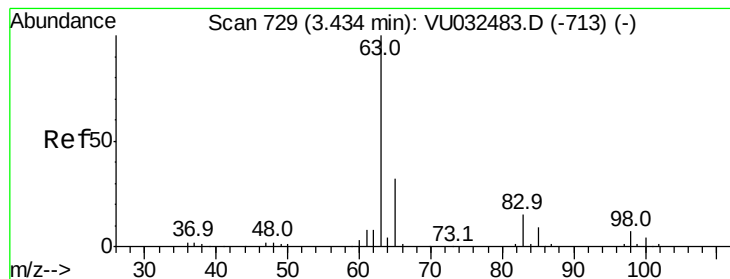
2.95

2.98

3.00

Time-->





#19

1,1-Dichloroethane

Concen: 0.916 ug/L

RT: 3.44 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU032492.D

Acq: 06 Jun 2019 13:21

Instrument :

MSVOA_U

ClientSampleId :

DB8J9

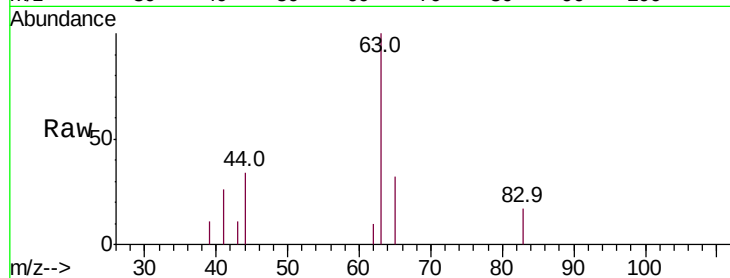
Tot Ion: 63 Resp: 2358

Ion Ratio Lower Upper

63 100

65 31.9 21.8 40.6

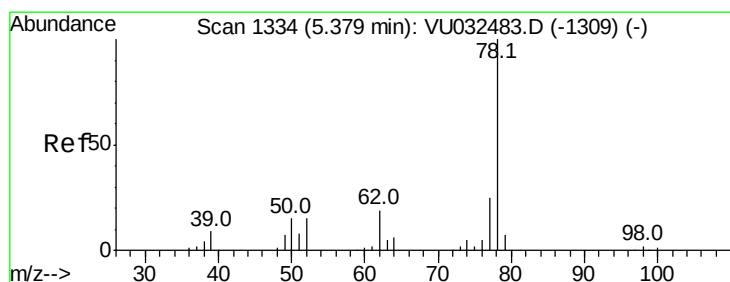
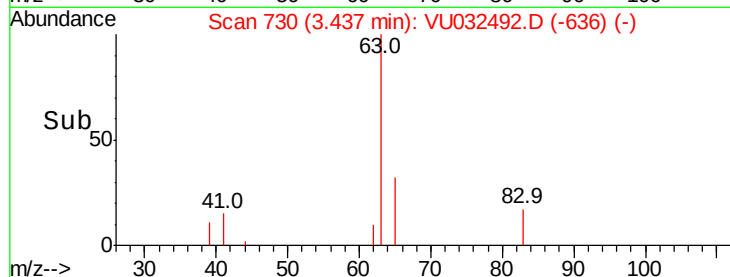
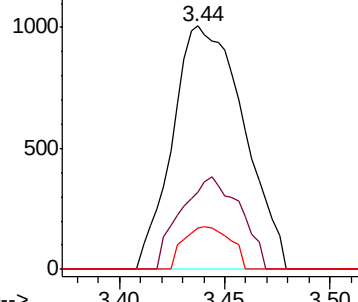
83 17.1 9.8 18.2



Abundance Ion 63.00 (62.70 to 63.70): VU032483.D (-713) (-)

Ion 65.00 (64.70 to 65.70): VU032483.D (-713) (-)

Ion 83.00 (82.70 to 83.70): VU032483.D (-713) (-)



#33

Benzene

Concen: 5.543 ug/L

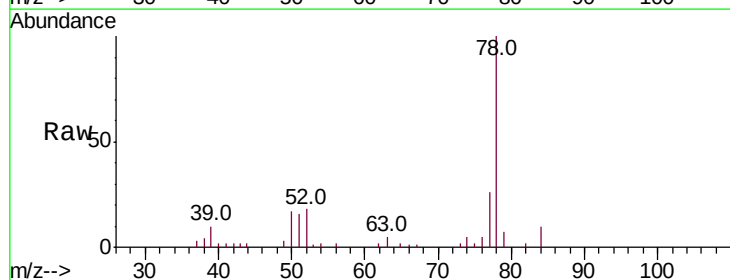
RT: 5.39 min Scan# 1336

Delta R.T. 0.01 min

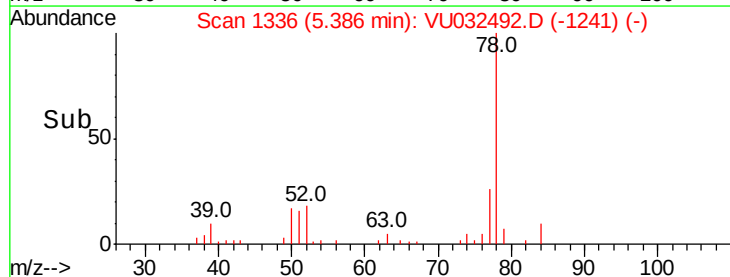
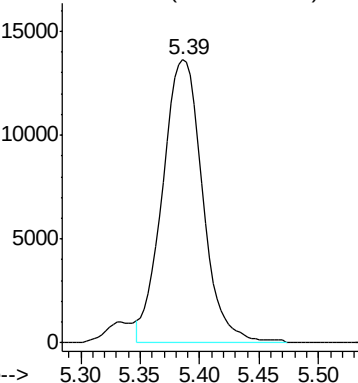
Lab File: VU032492.D

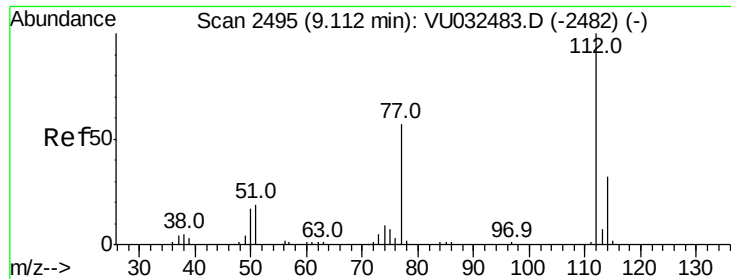
Acq: 06 Jun 2019 13:21

Tgt Ion: 78 Resp: 31972



Abundance Ion 78.00 (77.70 to 78.70): VU032483.D (-1309) (-)

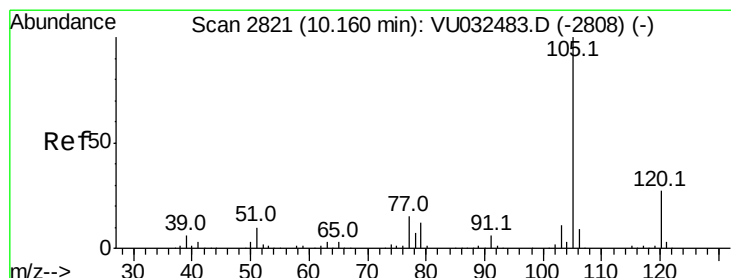
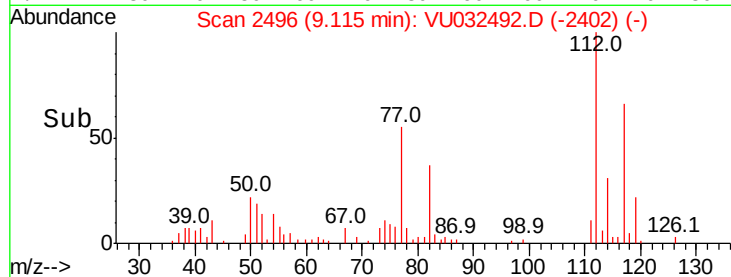
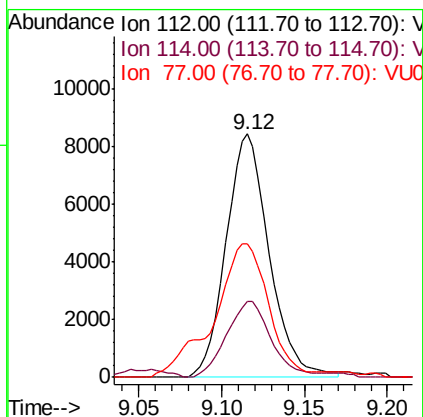
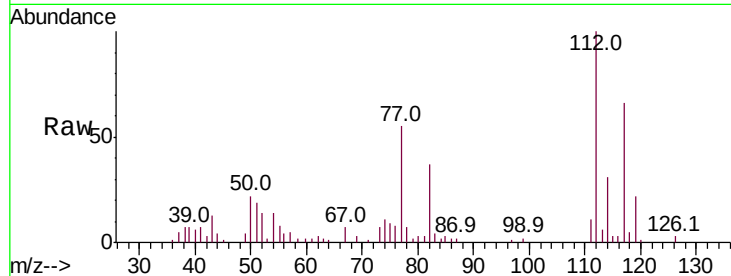




#51
Chlorobenzene
Concen: 3.742 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU032492.D
Acq: 06 Jun 2019 13:21

Instrument :
MSVOA_U
ClientSampled :
DB8J9

Tot Ion:112 Resp: 15230
Ion Ratio Lower Upper
112 100
114 31.3 22.6 42.0
77 54.7 46.1 69.1



#56
Isopropylbenzene
Concen: 0.831 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU032492.D
Acq: 06 Jun 2019 13:21

Tgt Ion:105 Resp: 5824
Ion Ratio Lower Upper
105 100
120 26.2 21.6 32.4
77 16.2 12.4 18.6

