

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121119\
 Data File : VU036130.D
 Acq On : 11 Dec 2019 13:56
 Operator : JC/MD
 Sample : K6167-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQT7

Quant Time: Dec 12 07:25:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 12 06:08:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	301186	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	330632	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	120580	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	132706	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.93	69	124402	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.59	63	139401	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	4.70	46	262172	57.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.62%
24) Chloroform-d	5.11	84	210515	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.75	65	108213	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.77	84	402398	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.73	67	129056	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.93	98	318172	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.21	79	43846	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.68	63	196644	51.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.34%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	112592	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	115909	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

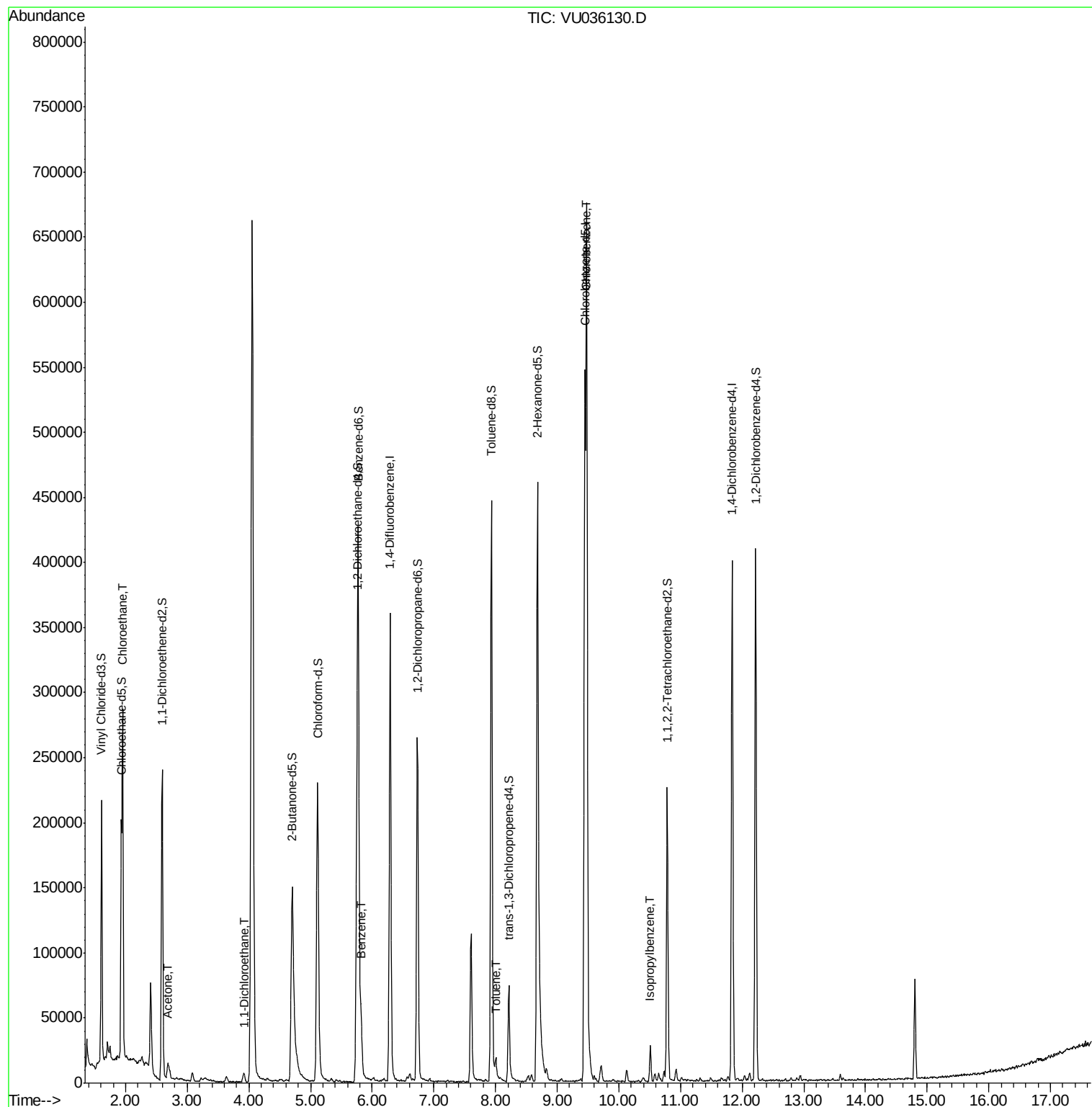
					Ovalue
8) Chloroethane	1.95	64	162996	7.104	ug/L 97
13) Acetone	2.69	43	23042	3.968	ug/L 97
19) 1,1-Dichloroethane	3.92	63	7585	0.189	ug/L 99
33) Benzene	5.82	78	49498	0.548	ug/L 100
42) Toluene	8.00	91	10416	0.107	ug/L 86
51) Chlorobenzene	9.48	112	379782	5.623	ug/L 98
56) Isopropylbenzene	10.51	105	16858	0.168	ug/L 98

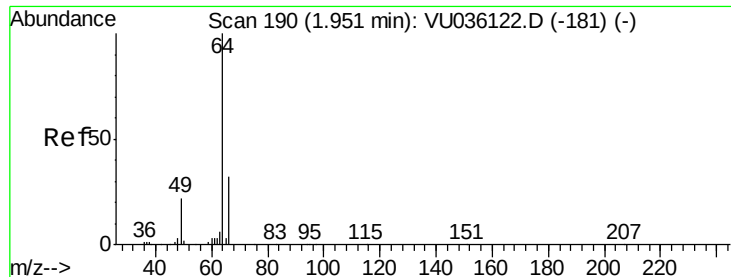
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 7.104 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU036130.D

Acq: 11 Dec 2019 13:56

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MSVOA_U

ClientSampleId :

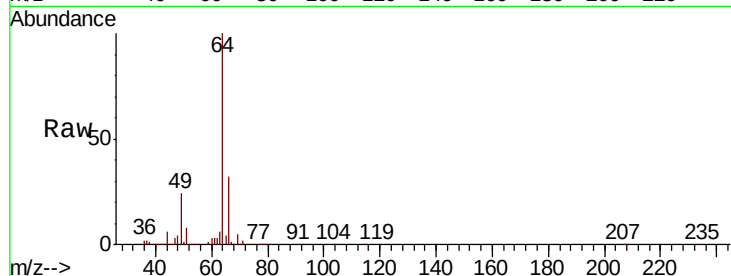
BFQT7

Tot Ion: 64 Resp: 162996

Ion Ratio Lower Upper

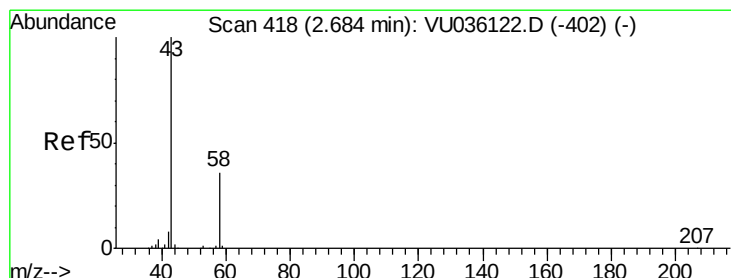
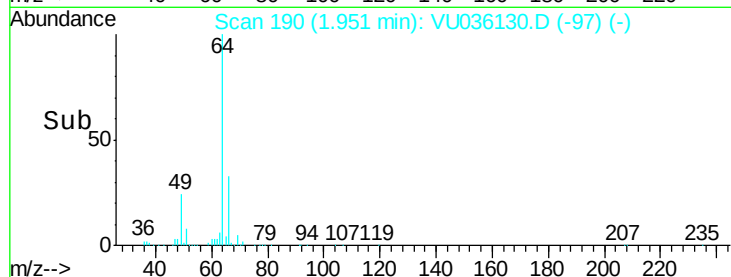
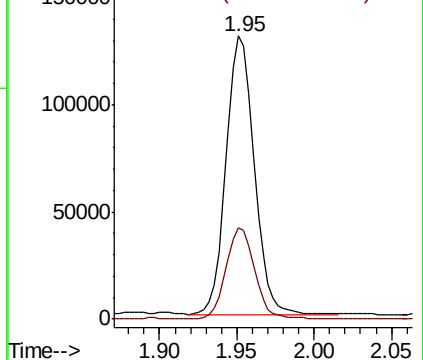
64 100

66 32.2 21.5 39.9



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#13

Acetone

Concen: 3.968 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.00 min

Lab File: VU036130.D

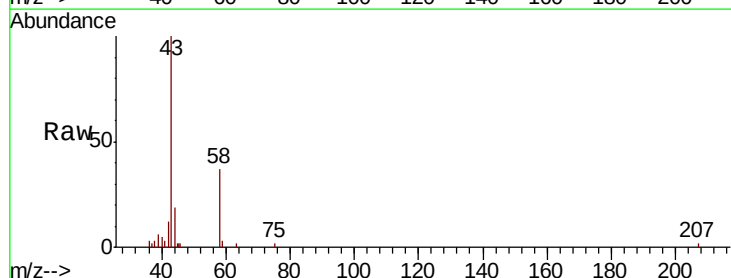
Acq: 11 Dec 2019 13:56

Tgt Ion: 43 Resp: 23042

Ion Ratio Lower Upper

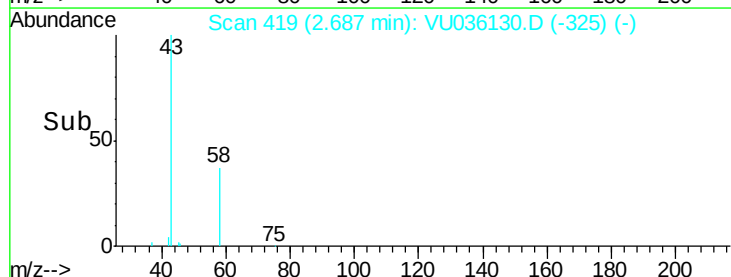
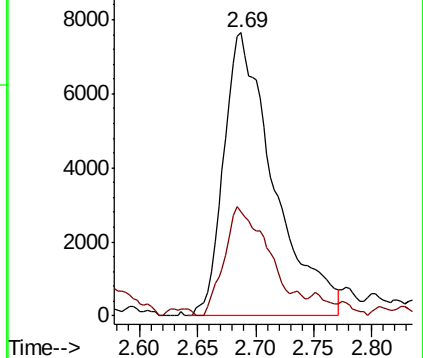
43 100

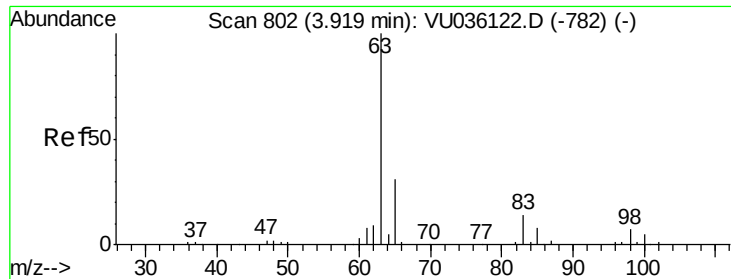
58 35.1 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

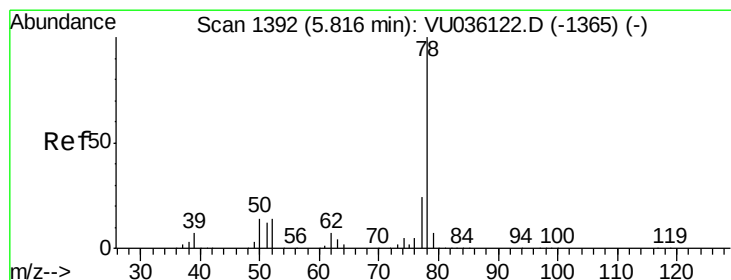
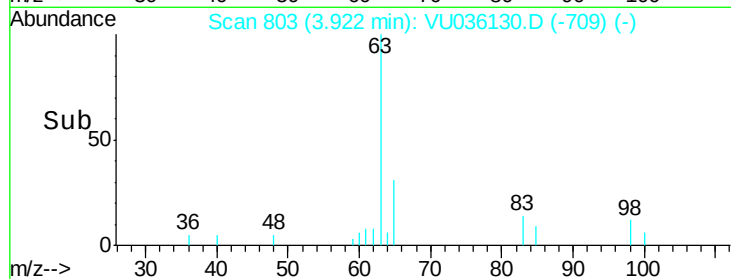
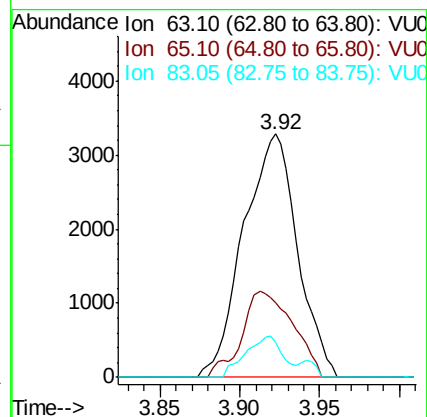
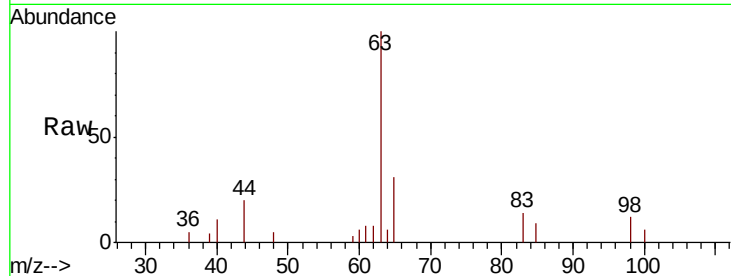




#19
 1,1-Dichloroethane
 Concen: 0.189 ug/L
 RT: 3.92 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: VU036130.D
 Acq: 11 Dec 2019 13:56

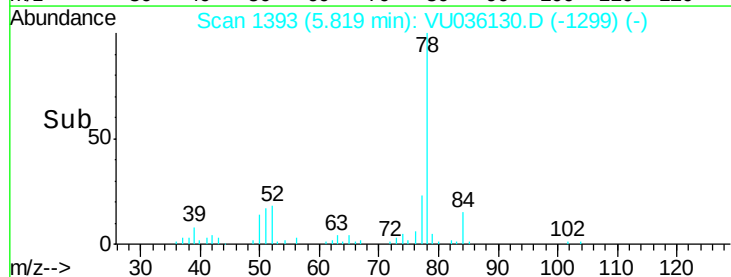
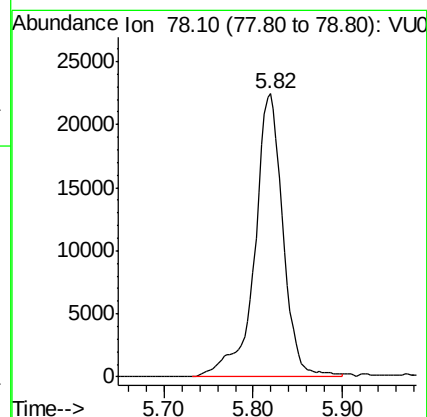
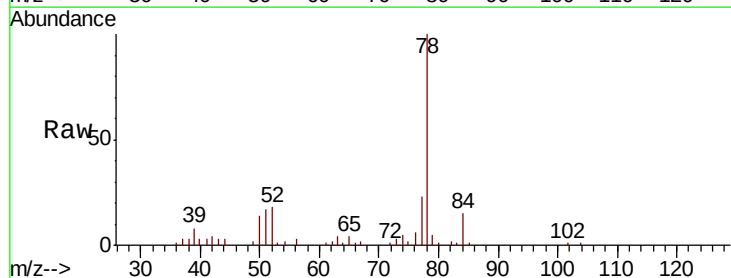
Instrument :
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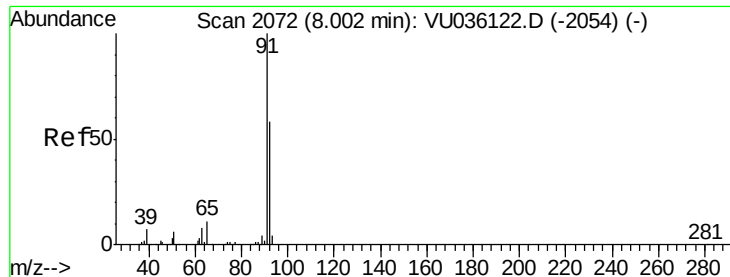
Tot Ion: 63 Resp: 7585
 Ion Ratio Lower Upper
 63 100
 65 30.6 21.8 40.4
 83 14.1 10.1 18.9



#33
 Benzene
 Concen: 0.548 ug/L
 RT: 5.82 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VU036130.D
 Acq: 11 Dec 2019 13:56

Tgt Ion: 78 Resp: 49498





#42

Toluene

Concen: 0.107 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036130.D

Acq: 11 Dec 2019 13:56

Instrument :

MSVOA_U

ClientSampleId :

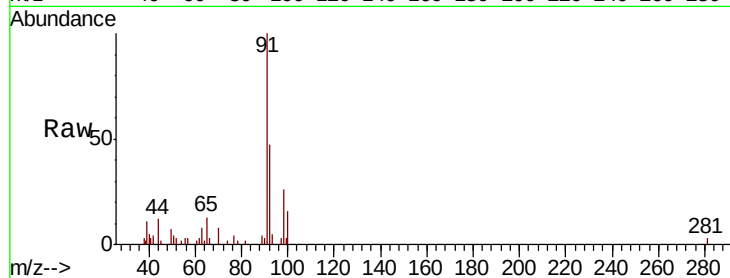
BFQT7

Tot Ion: 91 Resp: 10416

Ion Ratio Lower Upper

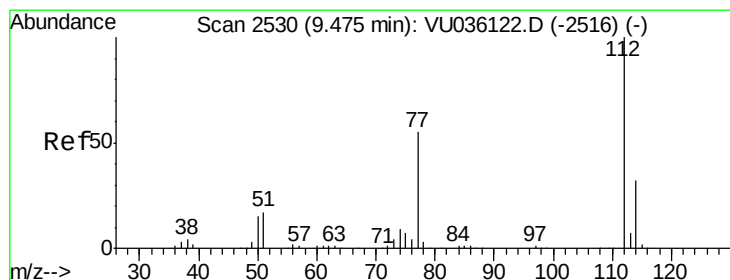
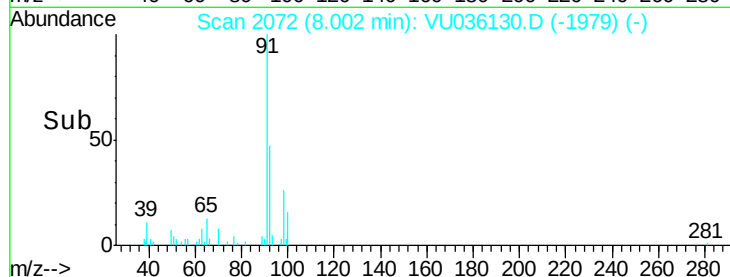
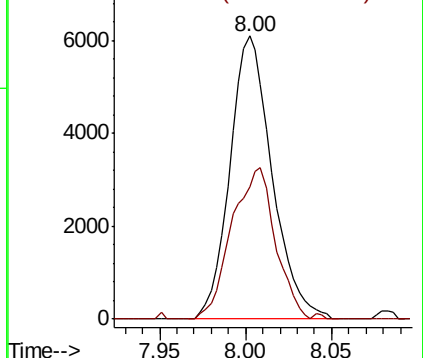
91 100

92 46.8 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VU036122.D (-2054) (-)

Ion 92.15 (91.85 to 92.85): VU036122.D (-2054) (-)



#51

Chlorobenzene

Concen: 5.623 ug/L

RT: 9.48 min Scan# 2531

Delta R.T. 0.00 min

Lab File: VU036130.D

Acq: 11 Dec 2019 13:56

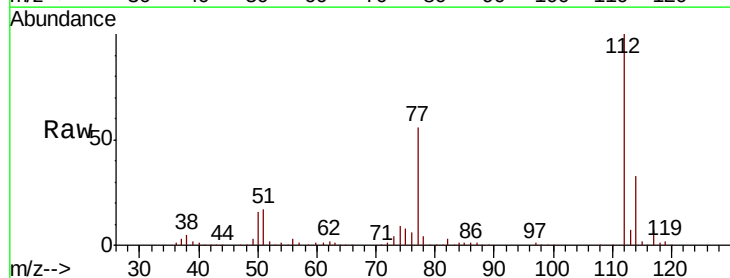
Tgt Ion: 112 Resp: 379782

Ion Ratio Lower Upper

112 100

114 32.7 22.3 41.5

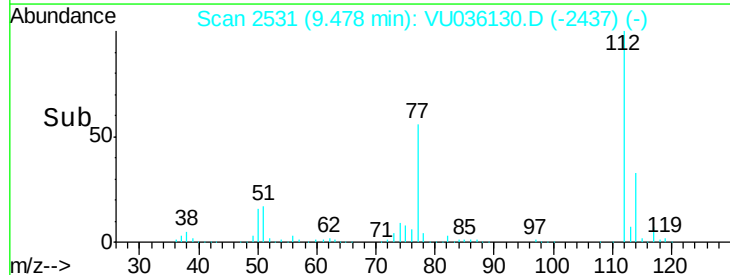
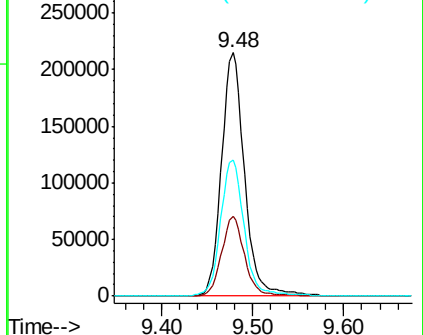
77 56.0 43.8 65.8

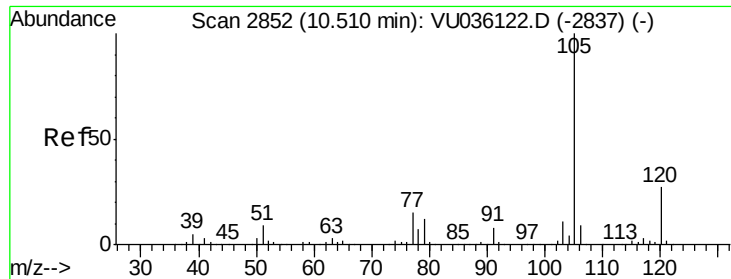


Abundance Ion 112.10 (111.80 to 112.80): VU036122.D (-2516) (-)

Ion 114.05 (113.75 to 114.75): VU036122.D (-2516) (-)

Ion 77.10 (76.80 to 77.80): VU036122.D (-2516) (-)





#56

Isopropylbenzene

Concen: 0.168 ug/L

RT: 10.51 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VU036130.D

Acq: 11 Dec 2019 13:56

Instrument :

MSVOA_U

ClientSampleId :

BFQT7

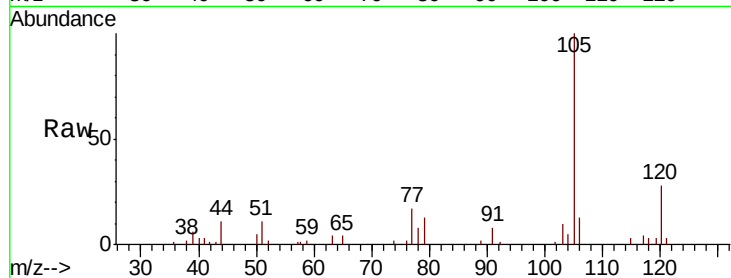
Tot Ion:105 Resp: 16858

Ion Ratio Lower Upper

105 100

120 25.6 21.4 32.2

77 16.4 12.3 18.5



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): VU0

