

Data File : VU036138.D
Acq On : 11 Dec 2019 17:42
Operator : JC/MD
Sample : K6234-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE60

Quant Time: Dec 12 06:16:12 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	333379	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	353619	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	91379	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	127443	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.93	69	127382	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	2.59	63	139837	2.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.40%#
20) 2-Butanone-d5	4.68	46	280417	55.38	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.76%
24) Chloroform-d	5.11	84	216653	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.75	65	114465	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.77	84	404801	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.73	67	130764	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.93	98	325793	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloropropene-	8.21	79	45981	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.67	63	207131	50.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.76%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	113198	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	82281	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

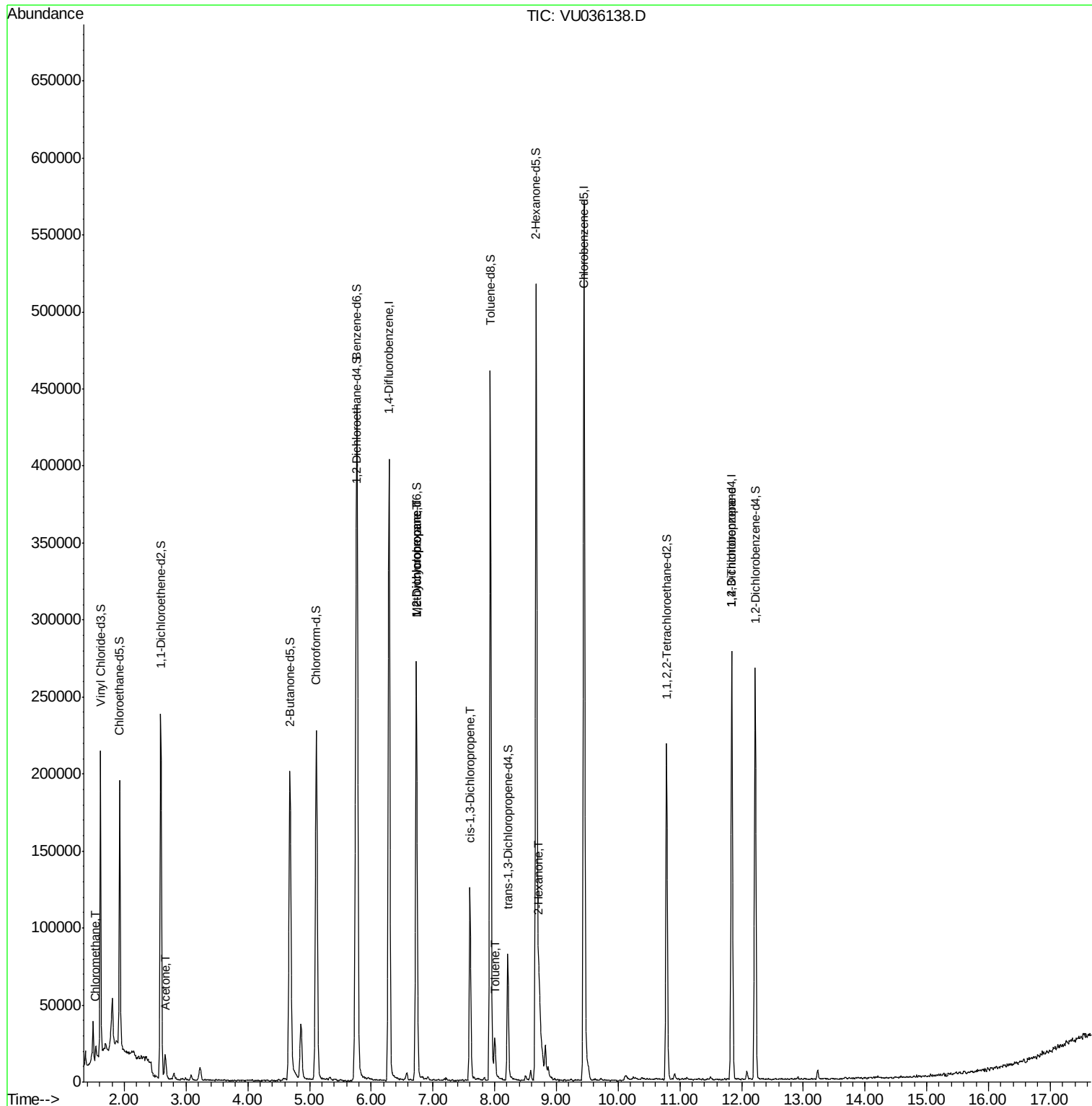
					Qvalue
3) Chloromethane	1.54	50	7528	0.235	ug/L 96
13) Acetone	2.66	43	16005	2.490	ug/L 94
35) Methylcyclohexane	6.73	83	31879	0.926	ug/L # 18
37) 1,2-Dichloropropane	6.73	63	13475	0.556	ug/L # 86
39) cis-1,3-Dichloropropene	7.60	75	3087	0.094	ug/L # 35
42) Toluene	8.00	91	17156	0.166	ug/L 89
48) 2-Hexanone	8.72	43	9437	1.039	ug/L # 75
59) 1,2,3-Trichloropropane	11.84	75	9469	0.546	ug/L 89

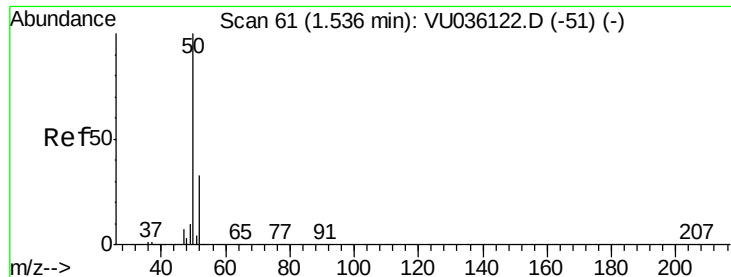
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.235 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

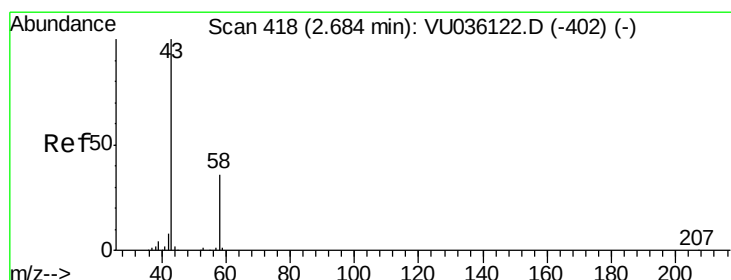
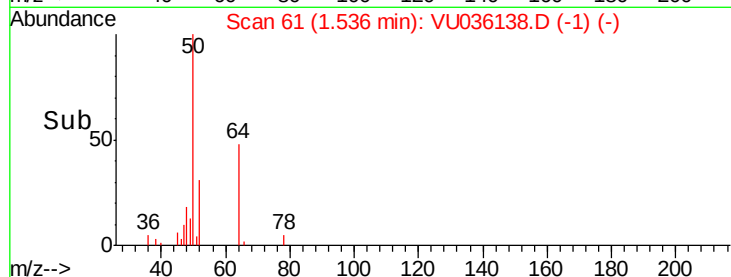
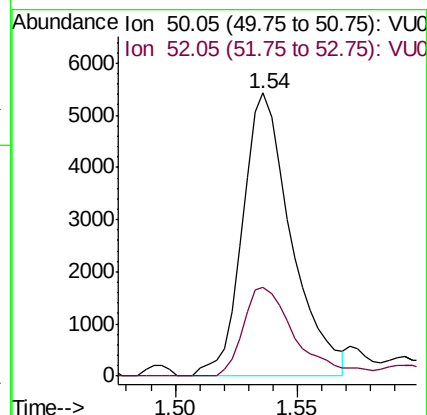
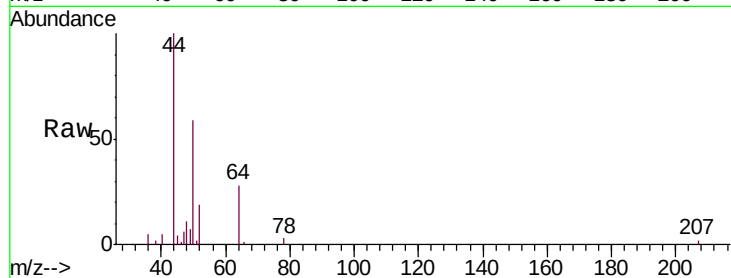
BFE60

Tgt Ion: 50 Resp: 7528

Ion Ratio Lower Upper

50 100

52 31.5 23.6 43.8



#13

Acetone

Concen: 2.490 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.03 min

Lab File: VU036138.D

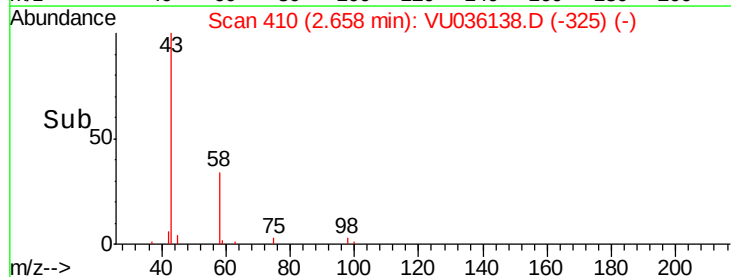
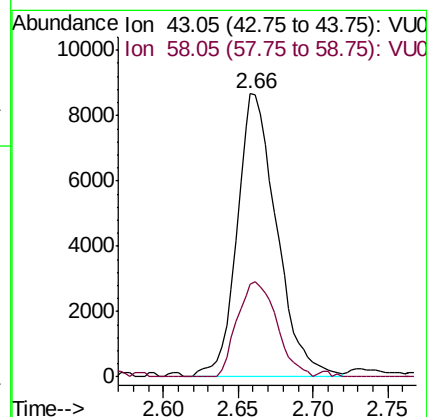
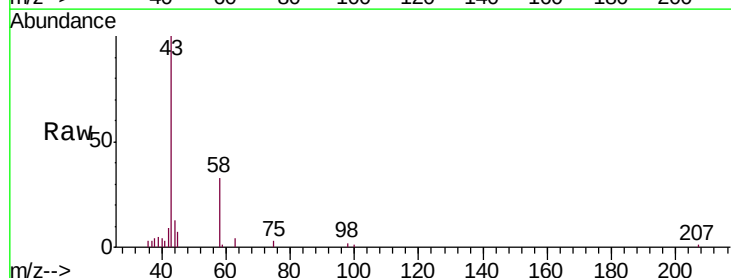
Acq: 11 Dec 2019 17:42

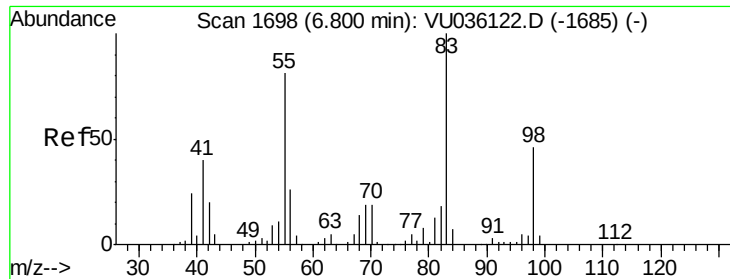
Tgt Ion: 43 Resp: 16005

Ion Ratio Lower Upper

43 100

58 33.4 0.0 74.2

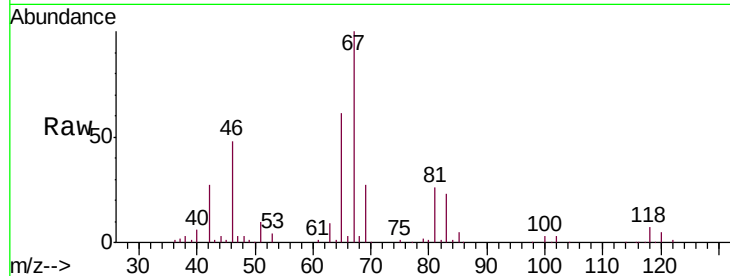




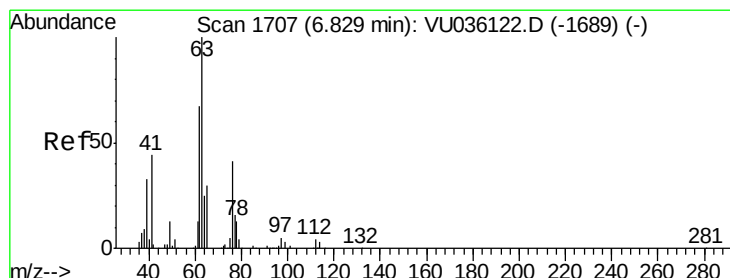
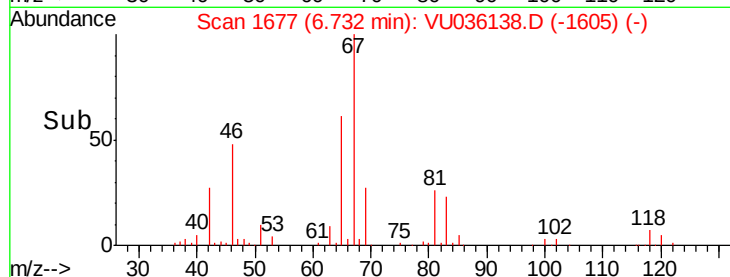
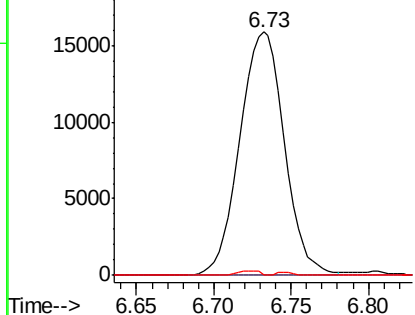
#35
Methylcyclohexane
Concen: 0.926 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036138.D
Acq: 11 Dec 2019 17:42

Instrument :
MSVOA_U
ClientSampleId :
BFE60

Tgt Ion: 83 Resp: 31879
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.9 37.0 55.4#

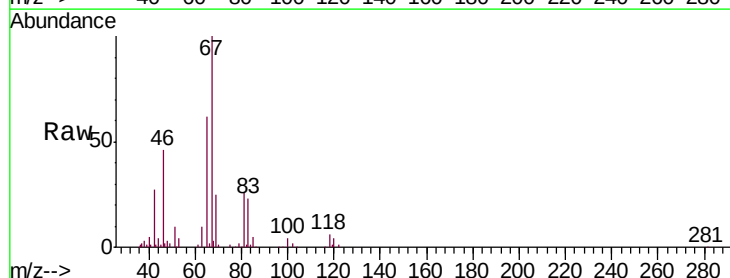


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

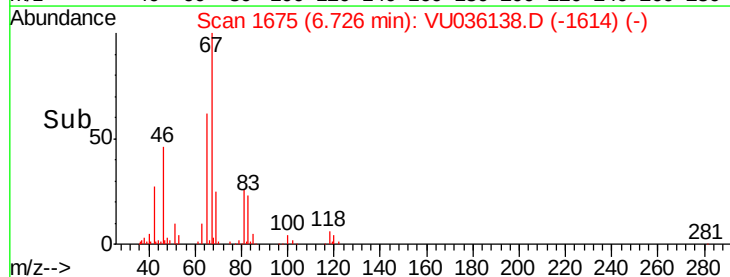
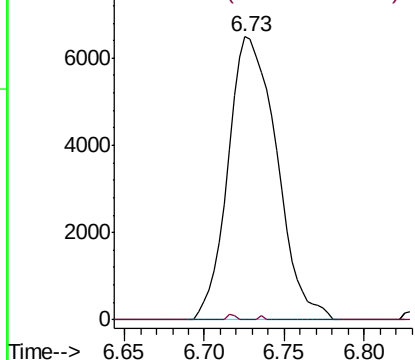


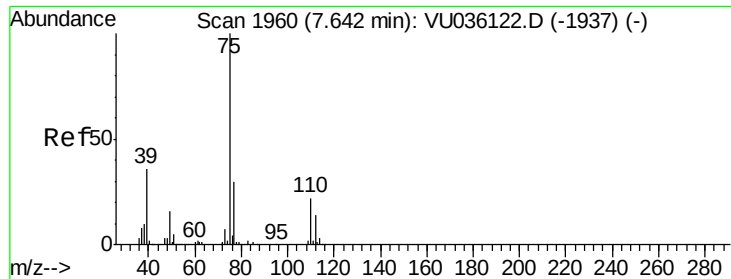
#37
1,2-Dichloropropane
Concen: 0.556 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036138.D
Acq: 11 Dec 2019 17:42

Tgt Ion: 63 Resp: 13475
Ion Ratio Lower Upper
63 100
112 0.1 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

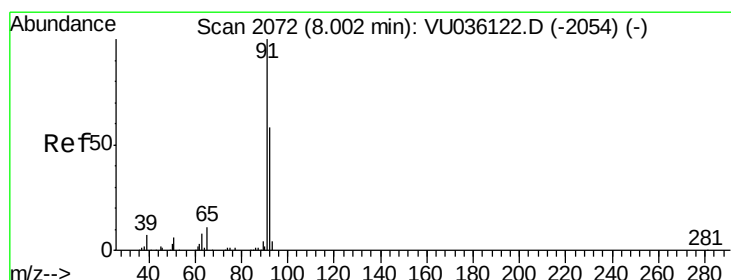
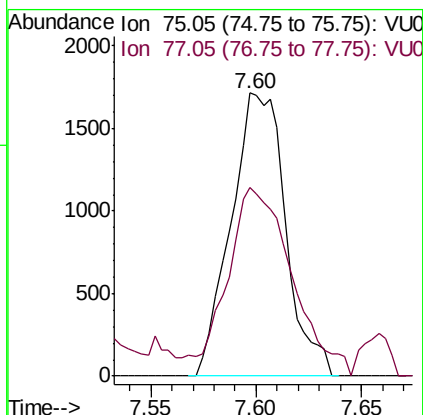
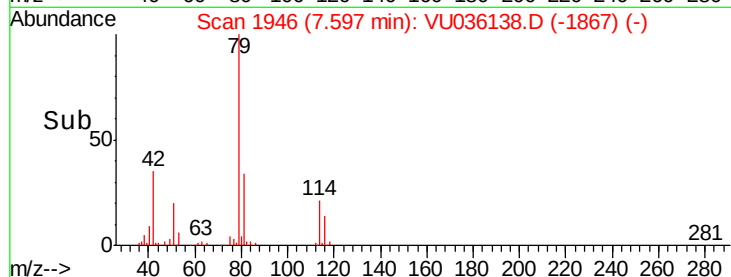
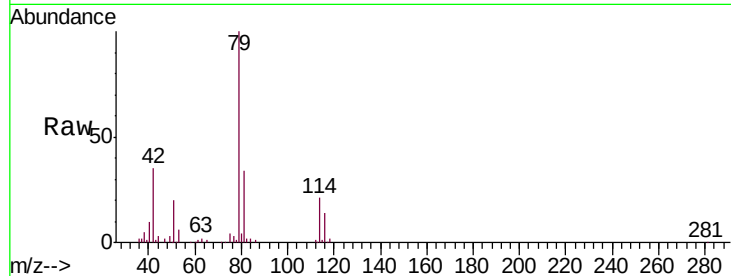




#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.05 min
 Lab File: VU036138.D
 Acq: 11 Dec 2019 17:42

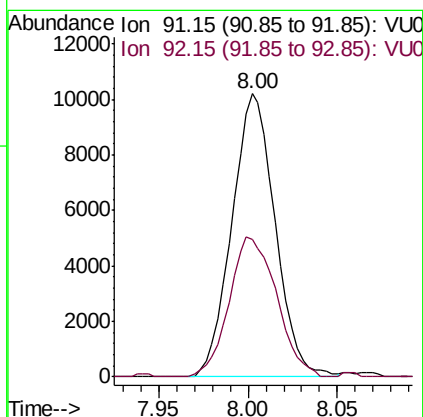
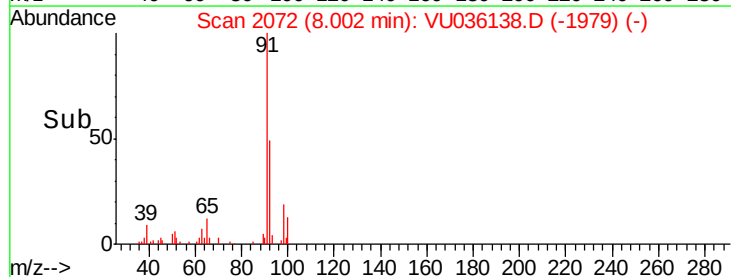
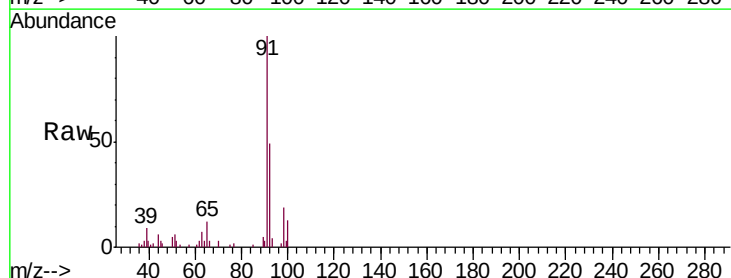
Instrument :
 MSVOA_U
 ClientSampleId :
 BFE60

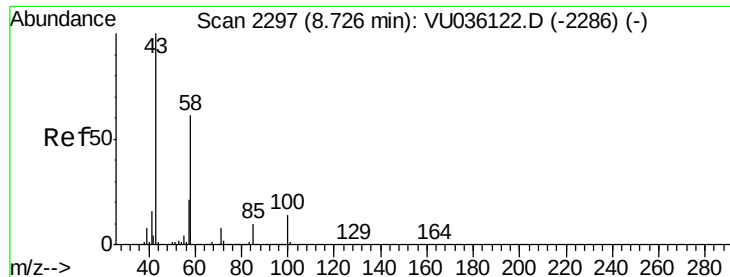
Tgt Ion: 75 Resp: 3087
 Ion Ratio Lower Upper
 75 100
 77 66.6 21.7 40.3#



#42
 Toluene
 Concen: 0.166 ug/L
 RT: 8.00 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VU036138.D
 Acq: 11 Dec 2019 17:42

Tgt Ion: 91 Resp: 17156
 Ion Ratio Lower Upper
 91 100
 92 48.8 40.0 74.4

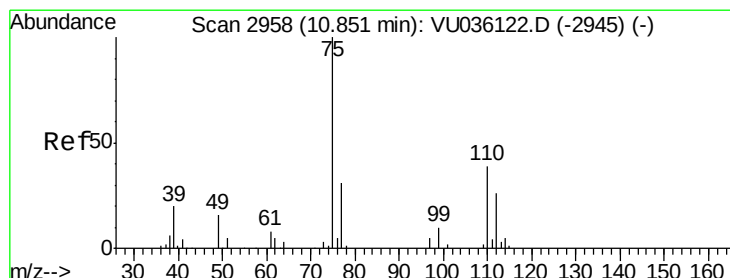
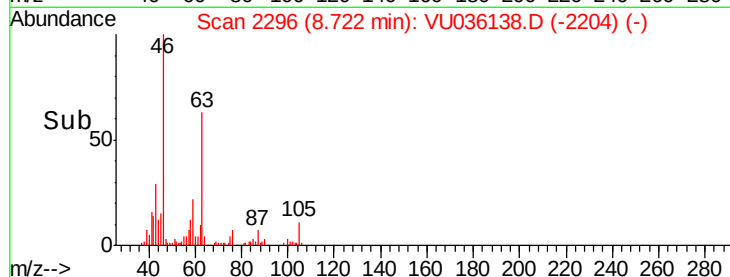
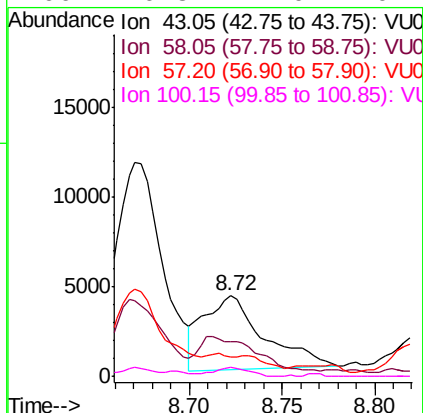
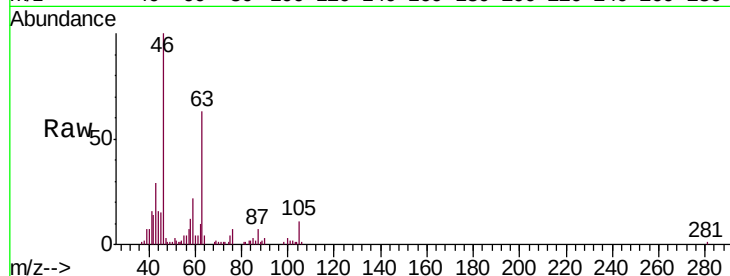




#48
2-Hexanone
Concen: 1.039 ug/L
RT: 8.72 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VU036138.D
Acq: 11 Dec 2019 17:42

Instrument :
MSVOA_U
ClientSampleId :
BFE60

Tgt Ion: 43 Resp: 9437
Ion Ratio Lower Upper
43 100
58 44.0 46.9 70.3#
57 0.0 16.4 24.6#
100 6.8 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 0.546 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU036138.D
Acq: 11 Dec 2019 17:42

Tgt Ion: 75 Resp: 9469
Ion Ratio Lower Upper
75 100
77 39.9 26.7 40.1

