

Data File : VU035311.D
Acq On : 19 Oct 2019 12:17
Operator : JC/SP
Sample : K5344-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L2

Quant Time: Oct 21 05:47:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 21 05:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	666088	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	636038	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	231199	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	278889	48.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.34%
7) Chloroethane-d5	1.93	69	235774	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.06%
11) 1,1-Dichloroethene-d2	2.60	63	357123	37.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.54%
21) 2-Butanone-d5	4.70	46	372812	98.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.16%
24) Chloroform-d	5.11	84	434117	46.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.76%
26) 1,2-Dichloroethane-d4	5.75	65	297372	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
32) Benzene-d6	5.77	84	920285	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
36) 1,2-Dichloropropane-d6	6.74	67	297437	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.48%
41) Toluene-d8	7.93	98	855557	49.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.76%
43) trans-1,3-Dichloropropene-	8.21	79	144307	47.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.06%
47) 2-Hexanone-d5	8.68	63	255750	98.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.20%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	401699	46.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.22%
64) 1,2-Dichlorobenzene-d4	12.22	152	257940	48.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.24%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3435	0.816	ug/L #	23
13) Acetone	2.67	43	62977	18.597	ug/L	97
16) Methylene chloride	3.08	84	12820	2.647	ug/L	92
22) 2-Butanone	4.78	43	21764	5.312	ug/L	93
25) Chloroform	5.14	83	12774	1.485	ug/L	98
42) Toluene	8.01	91	29767	1.512	ug/L	96
48) 2-Hexanone	8.68	43	25240	4.313	ug/L #	70
54) o-xylene	10.13	106	12718	1.585	ug/L	91

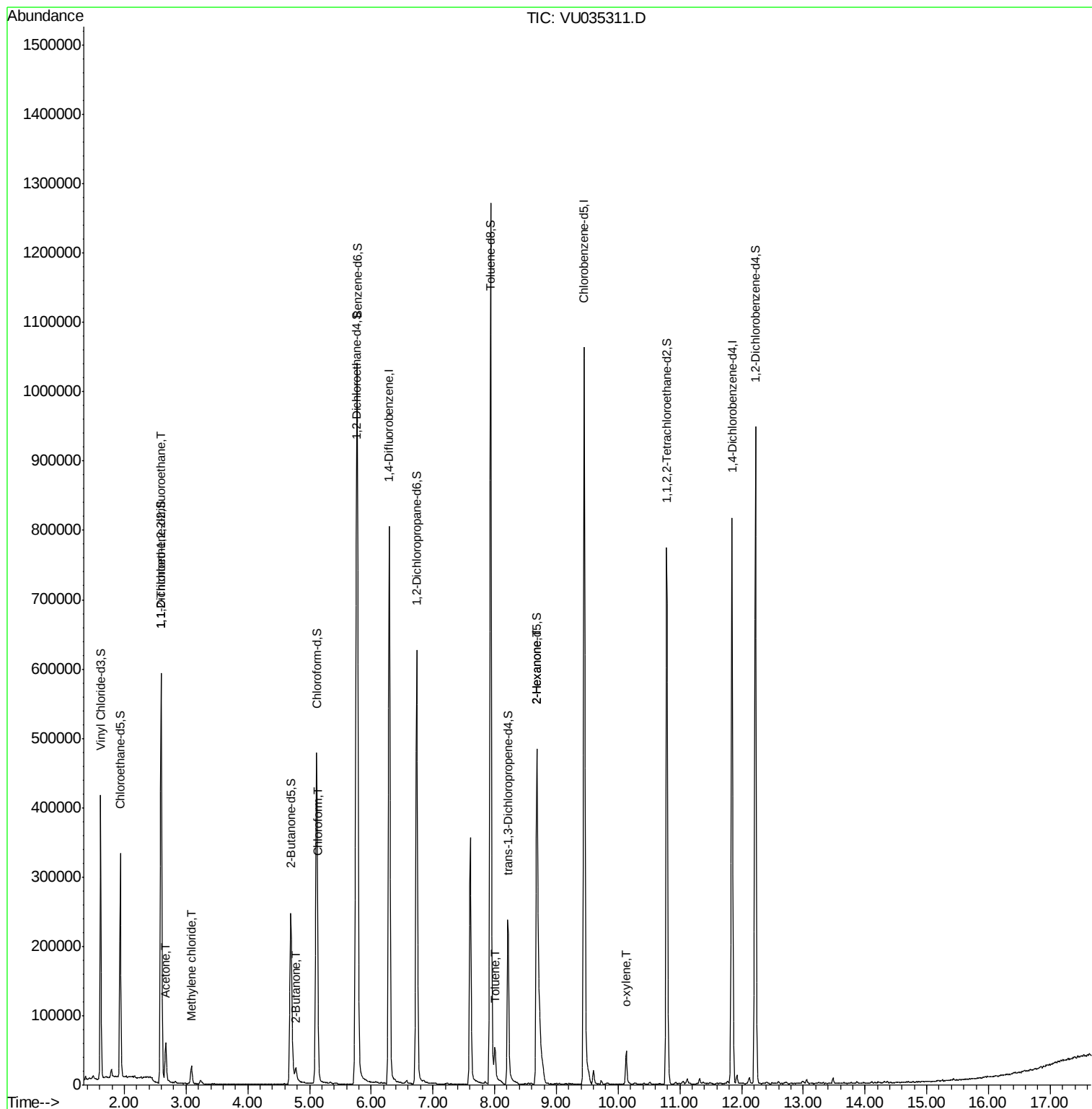
(#) = qualifier out of range (m) = manual integration (+) = signals summed

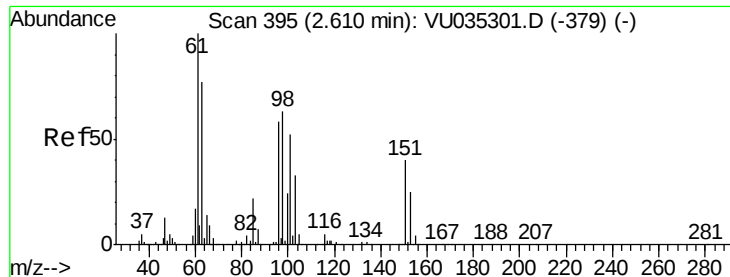
Data File : VU035311.D

```
Acq On       : 19 Oct 2019   12:17
Operator     : JC/SP
Sample       : K5344-05
Misc         : 5.0mL/MSVOA_U/WATER
ALS Vial     : 16      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
BF6L2

Quant Time: Oct 21 05:47:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 21 05:38:49 2019
Response via : Initial Calibration





#10

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

Concen: 0.816 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.02 min

Lab File: VU035311.D

Acq: 19 Oct 2019 12:17

Instrument :

MSVOA_U

ClientSampleId :

BF6L2

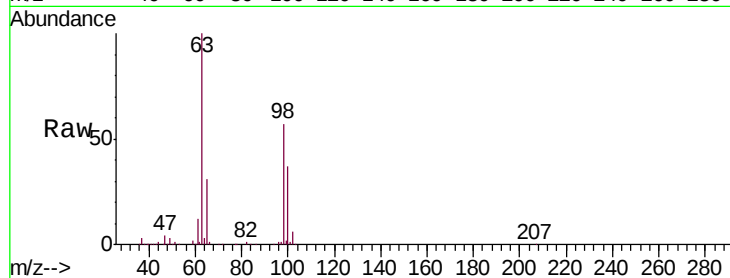
Tgt Ion: 101 Resp: 3435

Ion Ratio Lower Upper

101 100

85 0.0 33.7 50.5#

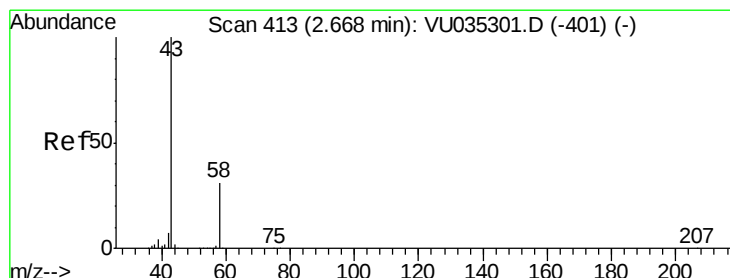
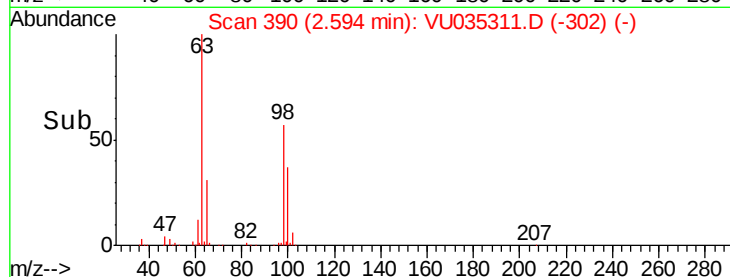
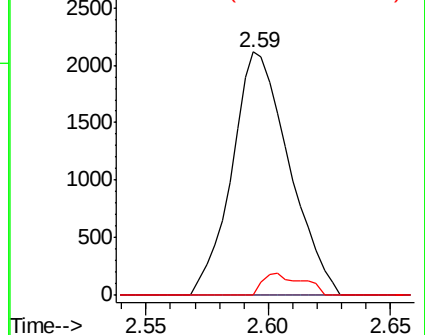
151 4.2 60.3 90.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 18.597 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035311.D

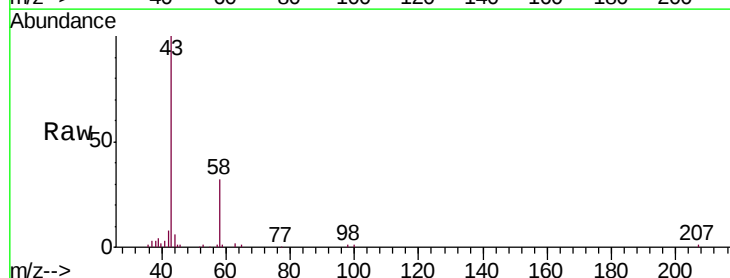
Acq: 19 Oct 2019 12:17

Tgt Ion: 43 Resp: 62977

Ion Ratio Lower Upper

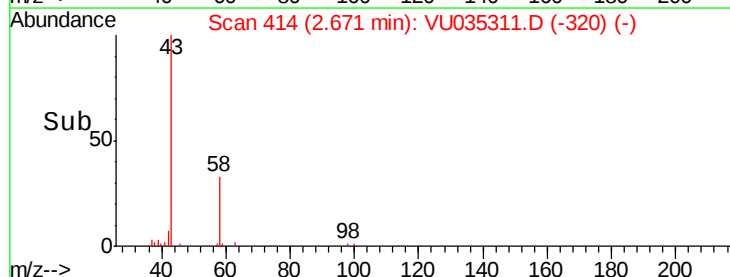
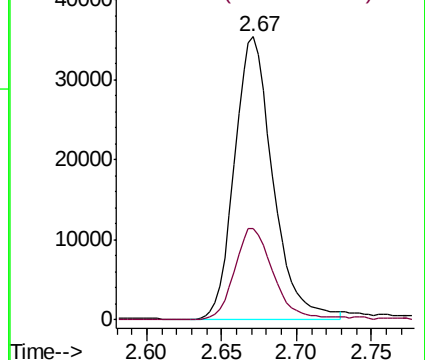
43 100

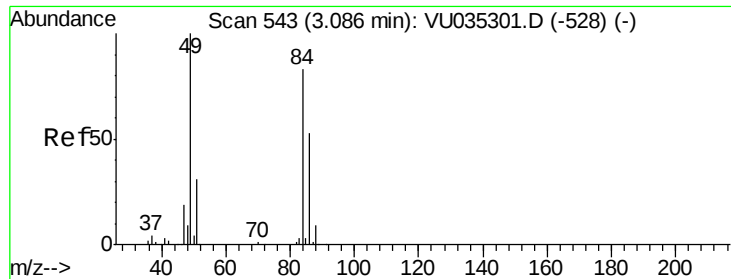
58 33.0 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

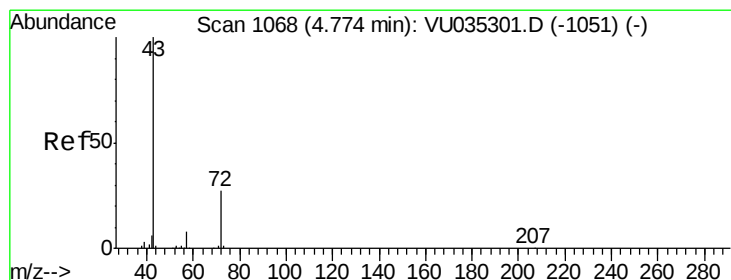
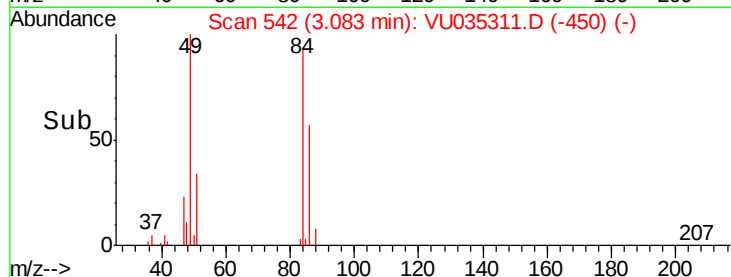
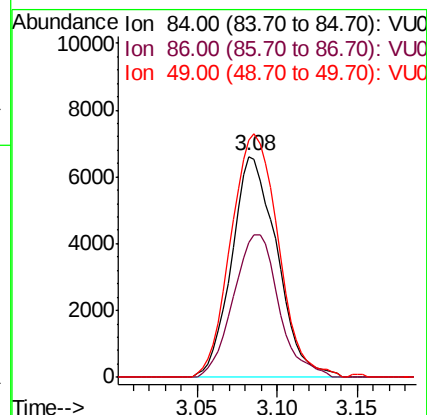
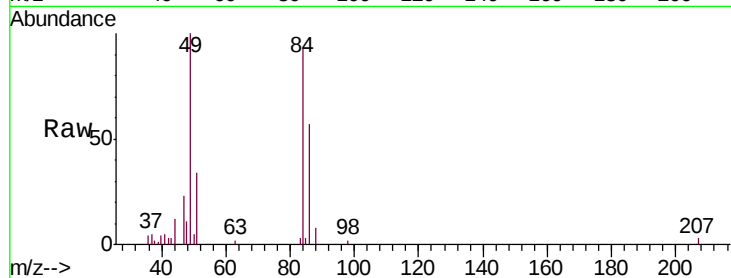




#16
Methylene chloride
Concen: 2.647 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU035311.D
Acq: 19 Oct 2019 12:17

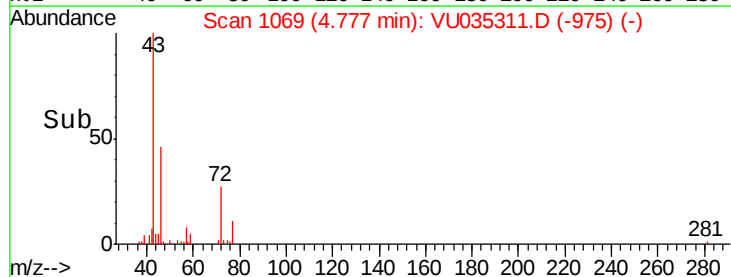
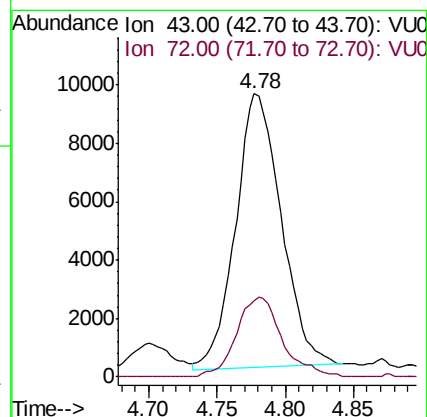
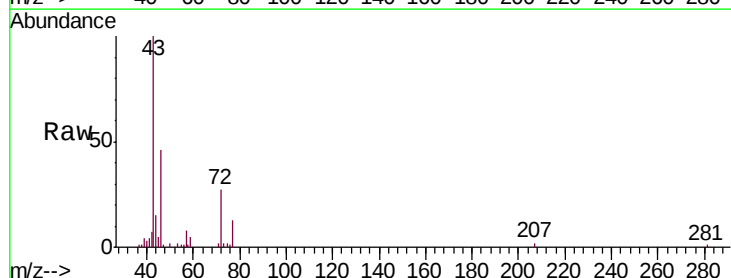
Instrument :
MSVOA_U
ClientSampleId :
BF6L2

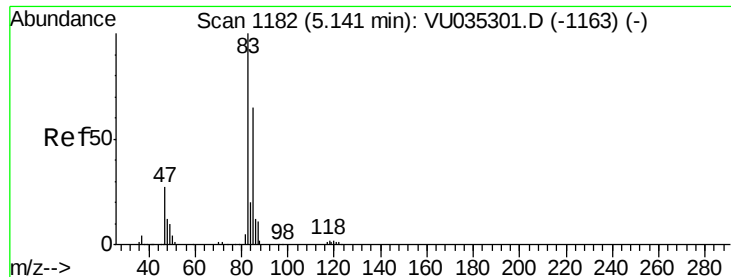
Tgt Ion: 84 Resp: 12820
Ion Ratio Lower Upper
84 100
86 61.1 44.4 82.5
49 107.7 84.0 156.0



#22
2-Butanone
Concen: 5.312 ug/L
RT: 4.78 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VU035311.D
Acq: 19 Oct 2019 12:17

Tgt Ion: 43 Resp: 21764
Ion Ratio Lower Upper
43 100
72 29.2 12.9 38.6

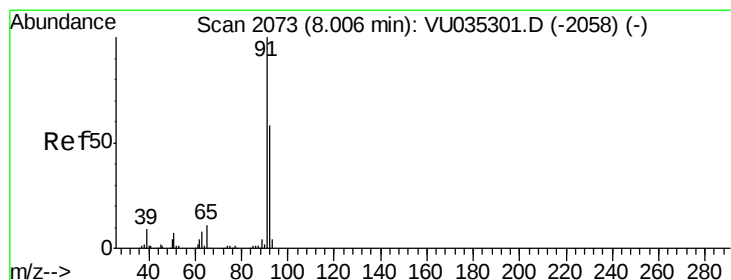
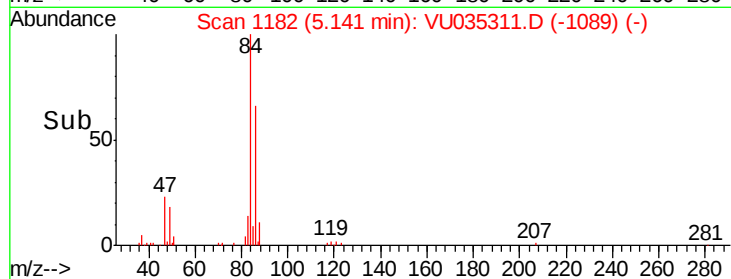
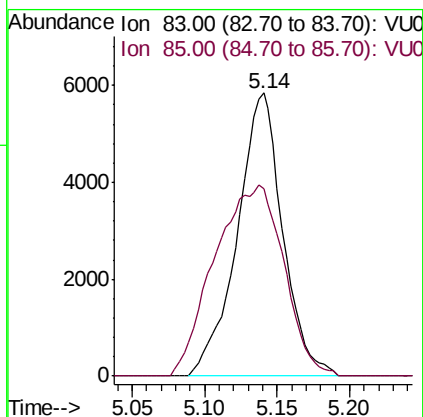
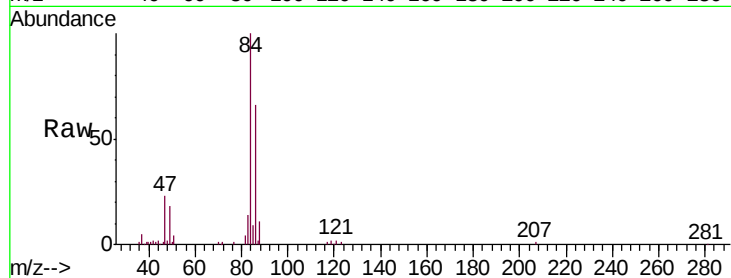




#25
Chloroform
Concen: 1.485 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VU035311.D
Acq: 19 Oct 2019 12:17

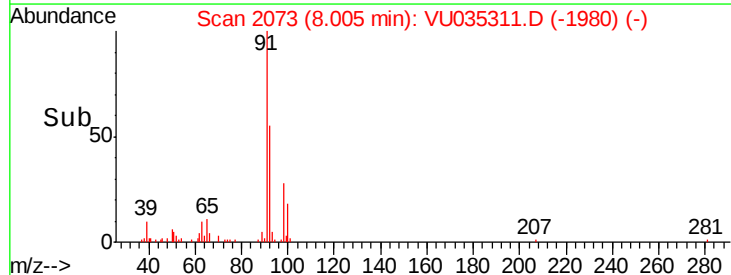
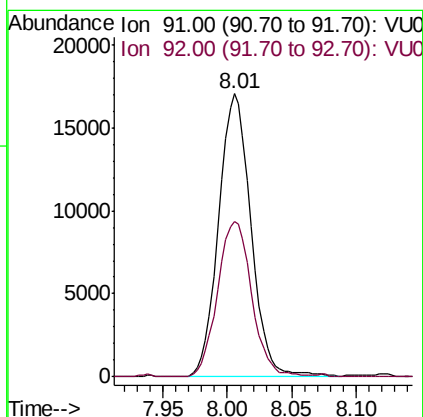
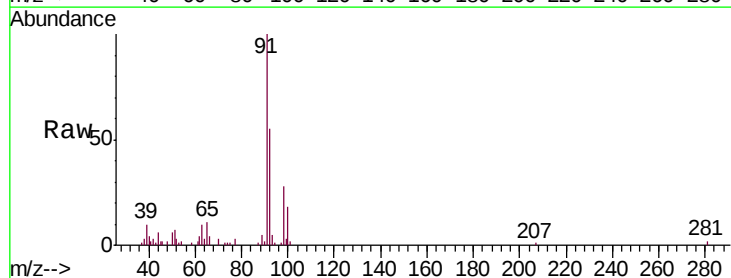
Instrument :
MSVOA_U
ClientSampled :
BF6L2

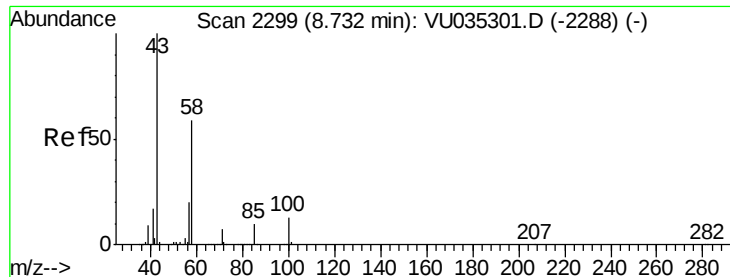
Tgt Ion: 83 Resp: 12774
Ion Ratio Lower Upper
83 100
85 66.4 45.5 84.5



#42
Toluene
Concen: 1.512 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VU035311.D
Acq: 19 Oct 2019 12:17

Tgt Ion: 91 Resp: 29767
Ion Ratio Lower Upper
91 100
92 55.0 40.3 74.9

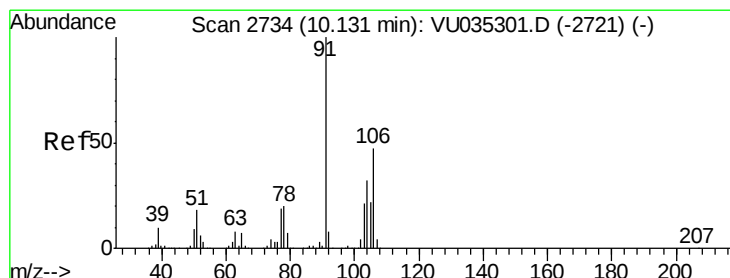
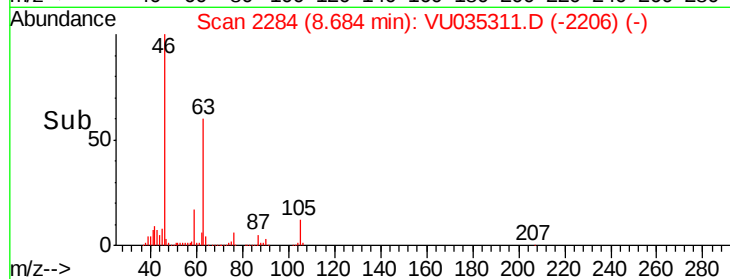
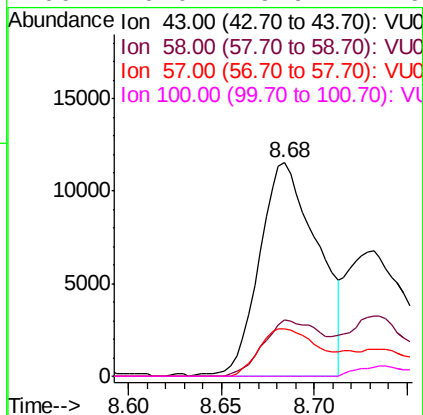
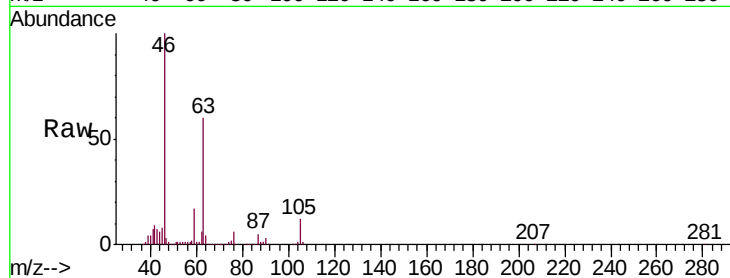




#48
2-Hexanone
Concen: 4.313 ug/L
RT: 8.68 min Scan# 2284
Delta R.T. -0.05 min
Lab File: VU035311.D
Acq: 19 Oct 2019 12:17

Instrument :
MSVOA_U
ClientSampleId :
BF6L2

Tgt Ion: 43 Resp: 25240
Ion Ratio Lower Upper
43 100
58 26.6 42.7 64.1#
57 21.8 14.8 22.2
100 0.0 9.9 14.9#



#54
o-xylene
Concen: 1.585 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035311.D
Acq: 19 Oct 2019 12:17

Tgt Ion: 106 Resp: 12718
Ion Ratio Lower Upper
106 100
91 228.9 150.6 279.8

