

Data File : VU028975.D
Acq On : 27 Dec 2018 19:52
Operator : MD/SY
Sample : J6506-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF039

Quant Time: Dec 28 03:12:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 28 03:05:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	124208	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	118048	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	56095	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	30669	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.68	69	28322	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.27	63	45419	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.19	46	91057	52.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.82%
24) Chloroform-d	4.65	84	60996	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.31	65	31883	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.34	84	131110	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.33	67	43685	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.57	98	115894	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.85	79	15441	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.31	63	74594	49.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	33212	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	45553	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

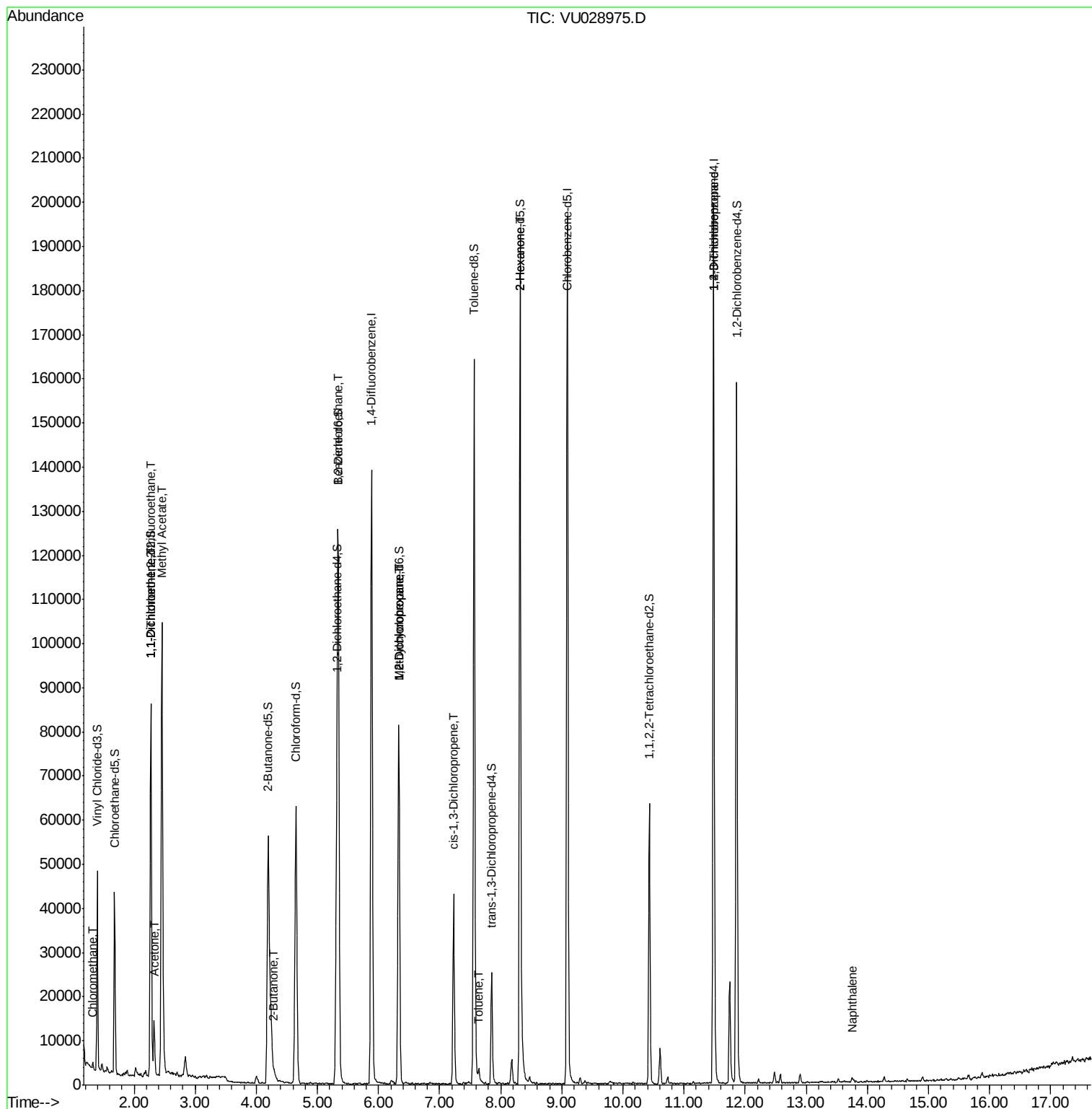
						Qvalue
3) Chloromethane	1.32	50	1043	0.086	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	437	0.048	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	449	0.050	ug/L #	1
13) Acetone	2.32	43	12596	8.982	ug/L	98
15) Methyl Acetate	2.45	43	23970	5.834	ug/L #	49
21) 2-Butanone	4.29	43	2254	1.074	ug/L #	66
27) 1,2-Dichloroethane	5.35	62	527	0.057	ug/L #	73
35) Methylcyclohexane	6.33	83	9416	0.568	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4275	0.445	ug/L #	89
39) cis-1,3-Dichloropropene	7.22	75	875	0.063	ug/L #	69
42) Toluene	7.64	91	2376	0.059	ug/L	89
48) 2-Hexanone	8.31	43	7475	2.112	ug/L #	64
59) 1,2,3-Trichloropropane	11.48	75	6031	1.076	ug/L	97
69) Naphthalene	13.75	128	1587	0.076	ug/L #	80

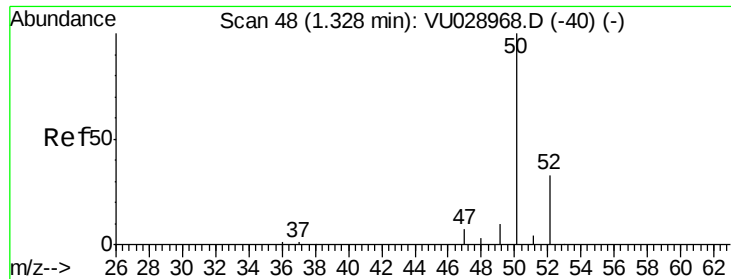
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU028975.D
Acq On : 27 Dec 2018 19:52
Operator : MD/SY
Sample : J6506-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF039

Quant Time: Dec 28 03:12:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 28 03:05:23 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.086 ug/L

RT: 1.32 min Scan# 47

Delta R.T. -0.00 min

Lab File: VU028975.D

Acq: 27 Dec 2018 19:52

Instrument :

MSVOA_U

ClientSampleId :

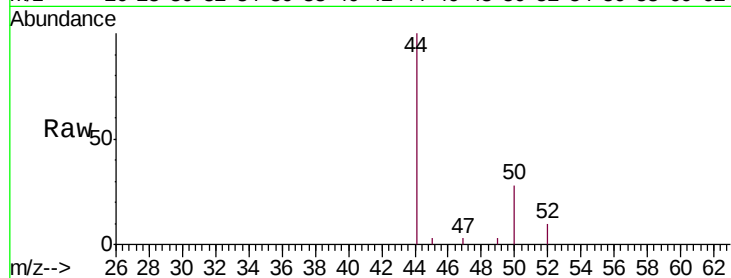
BF039

Tgt Ion: 50 Resp: 1043

Ion Ratio Lower Upper

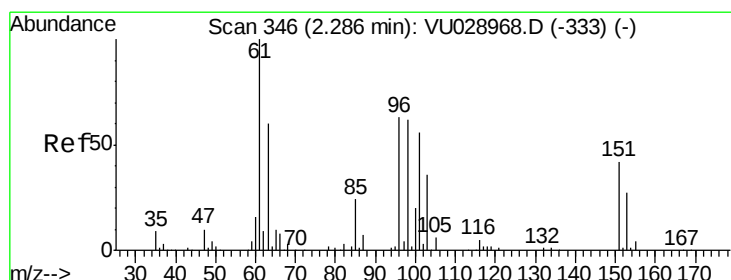
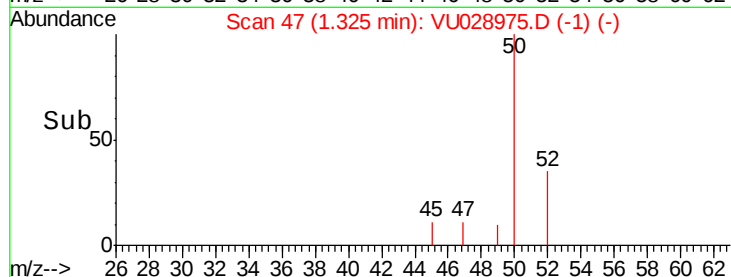
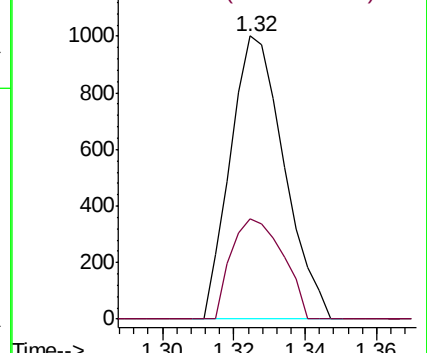
50 100

52 35.4 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#10

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

Concen: 0.048 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028975.D

Acq: 27 Dec 2018 19:52

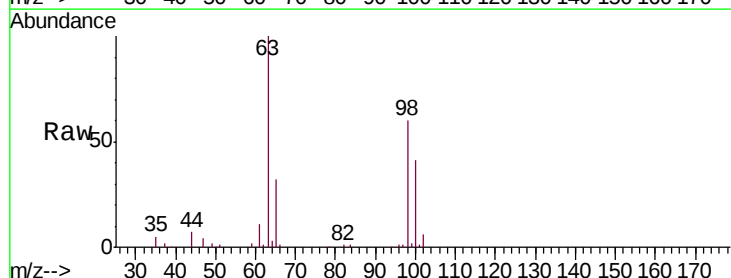
Tgt Ion: 101 Resp: 437

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

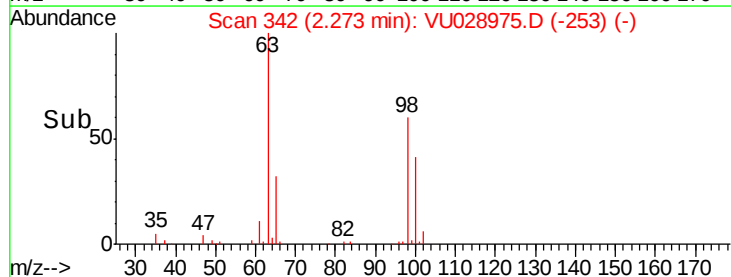
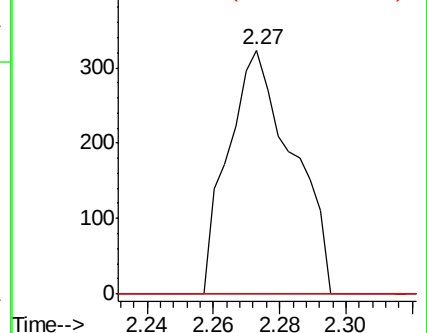
151 0.0 60.9 91.3#

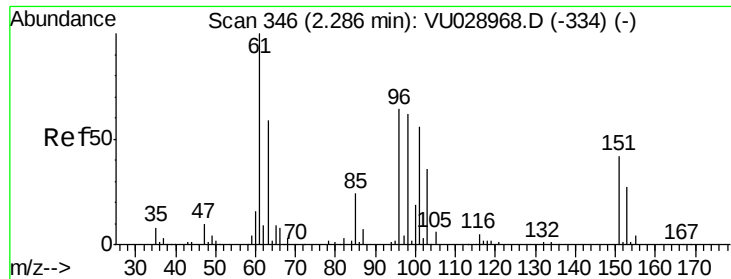


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

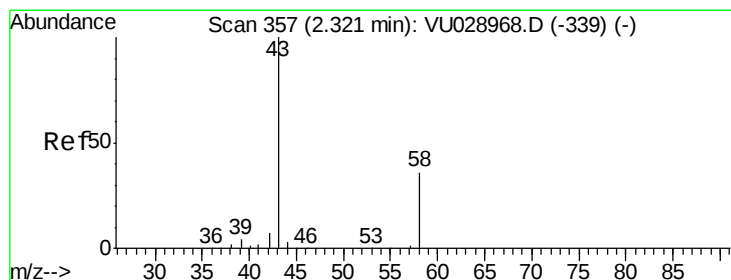
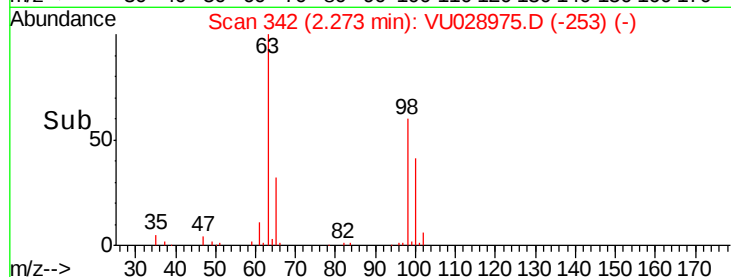
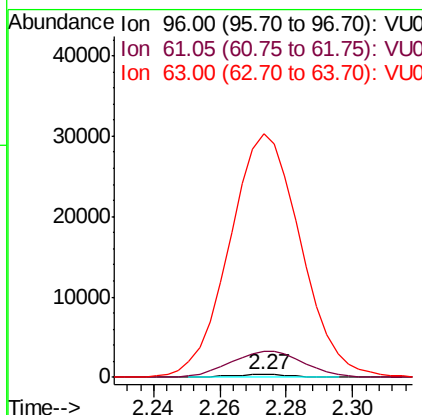
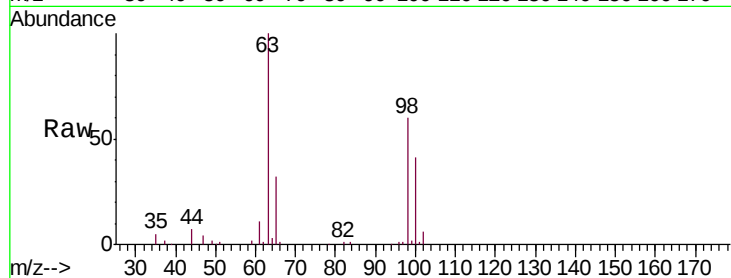




#12
 1,1-Dichloroethene
 Concen: 0.050 ug/L
 RT: 2.27 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VU028975.D
 Acq: 27 Dec 2018 19:52

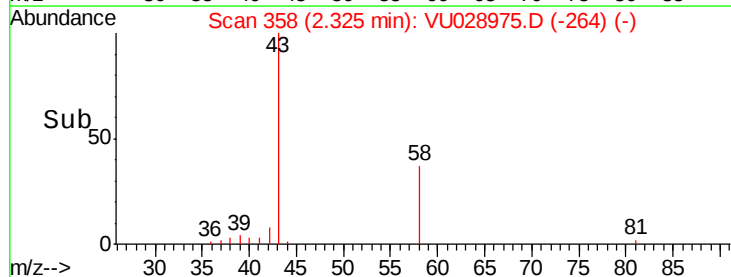
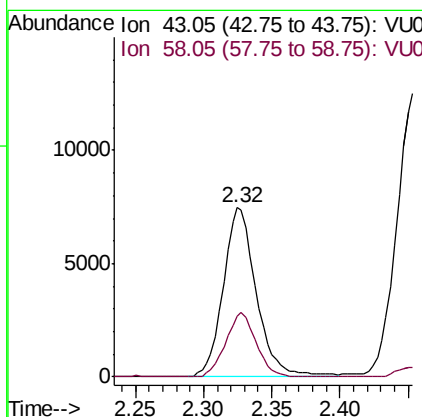
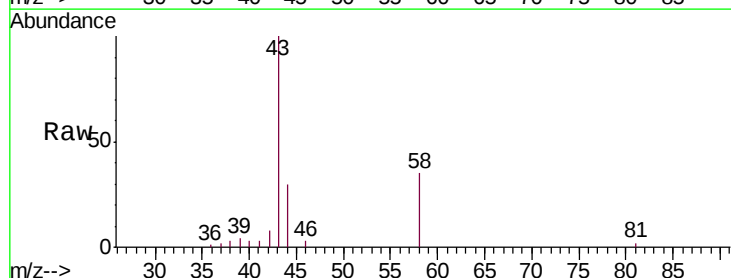
Instrument :
 MSVOA_U
 ClientSampleId :
 BF039

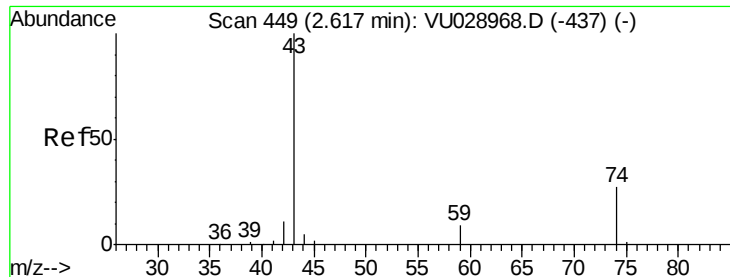
Tgt Ion: 96 Resp: 449
 Ion Ratio Lower Upper
 96 100
 61 940.5 110.5 205.3#
 63 8629.1 67.6 125.6#



#13
 Acetone
 Concen: 8.982 ug/L
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU028975.D
 Acq: 27 Dec 2018 19:52

Tgt Ion: 43 Resp: 12596
 Ion Ratio Lower Upper
 43 100
 58 34.6 0.0 71.8

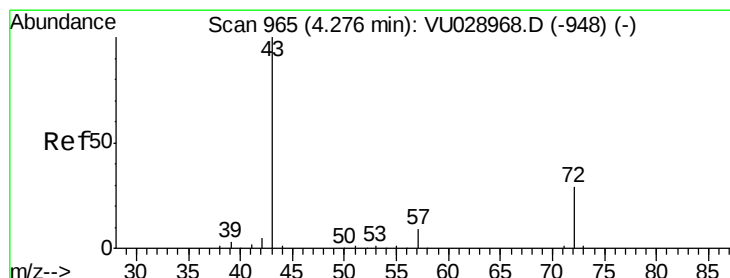
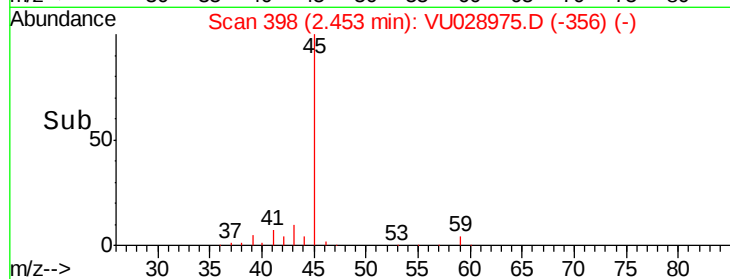
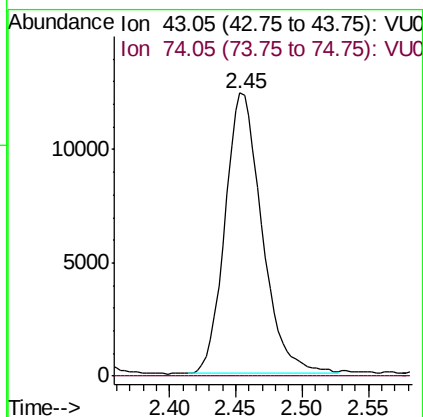
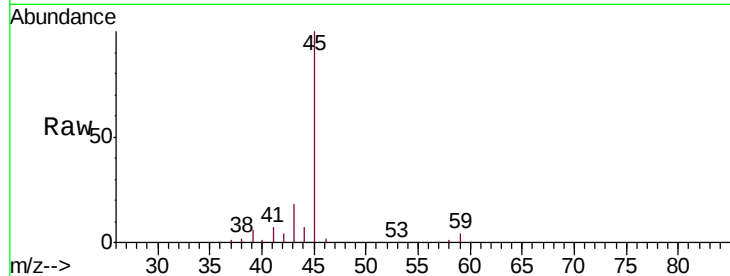




#15
Methyl Acetate
Concen: 5.834 ug/L
RT: 2.45 min Scan# 398
Delta R.T. -0.16 min
Lab File: VU028975.D
Acq: 27 Dec 2018 19:52

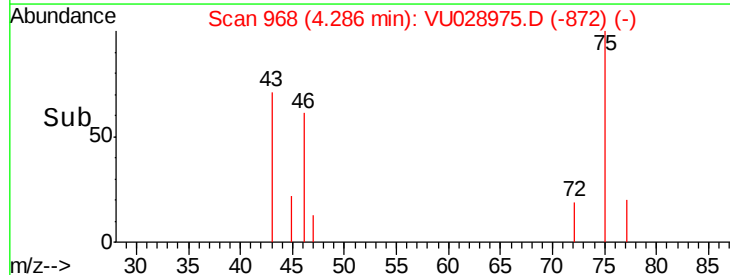
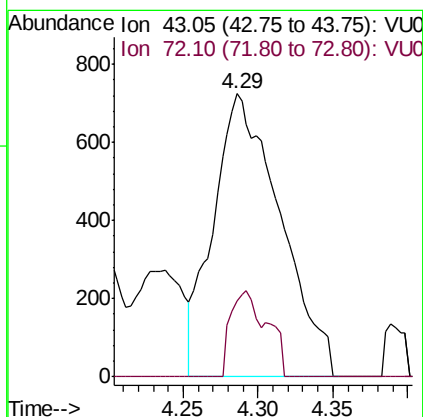
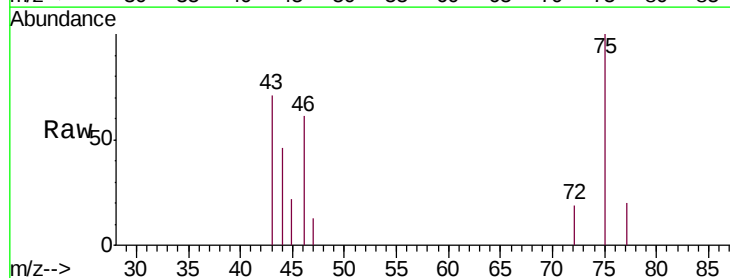
Instrument :
MSVOA_U
ClientSampleId :
BF039

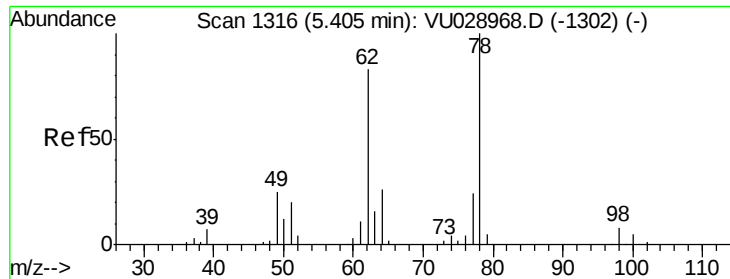
Tgt Ion: 43 Resp: 23970
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#



#21
2-Butanone
Concen: 1.074 ug/L
RT: 4.29 min Scan# 968
Delta R.T. 0.01 min
Lab File: VU028975.D
Acq: 27 Dec 2018 19:52

Tgt Ion: 43 Resp: 2254
Ion Ratio Lower Upper
43 100
72 11.9 15.2 45.5#

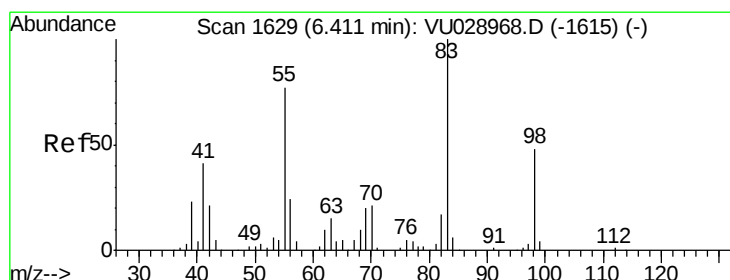
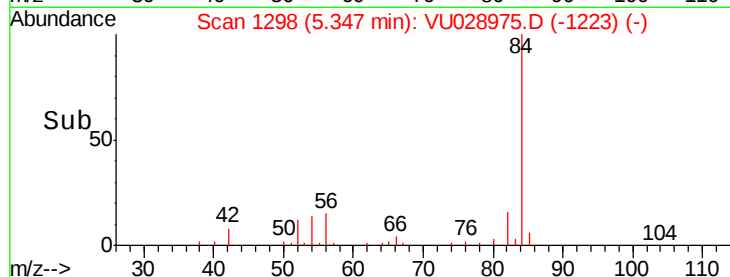
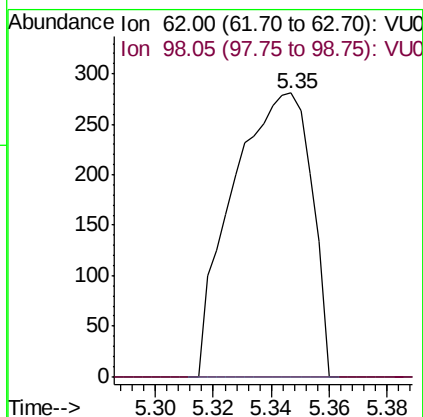
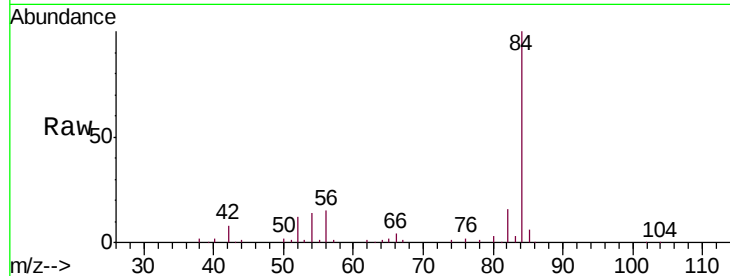




#27
 1,2-Dichloroethane
 Concen: 0.057 ug/L
 RT: 5.35 min Scan# 1298
 Delta R.T. -0.06 min
 Lab File: VU028975.D
 Acq: 27 Dec 2018 19:52

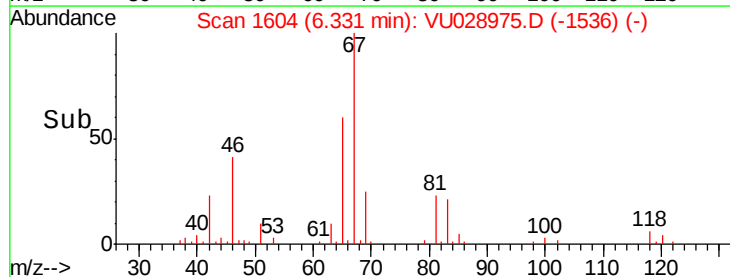
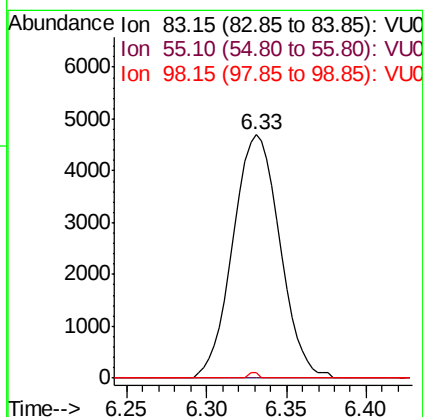
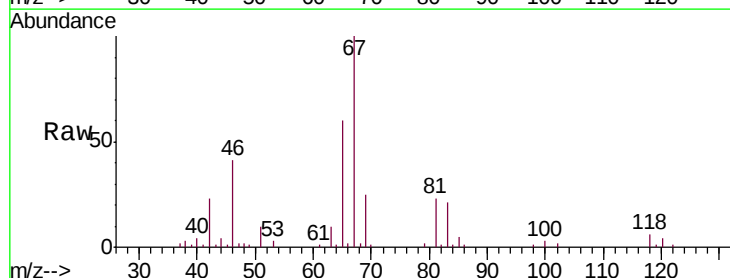
Instrument :
 MSVOA_U
 ClientSampleId :
 BF039

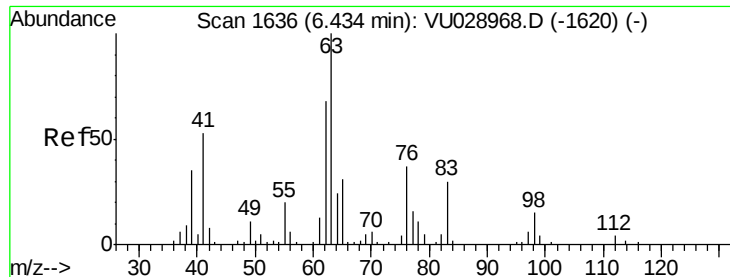
Tgt Ion: 62 Resp: 527
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#35
 Methylcyclohexane
 Concen: 0.568 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.08 min
 Lab File: VU028975.D
 Acq: 27 Dec 2018 19:52

Tgt Ion: 83 Resp: 9416
 Ion Ratio Lower Upper
 83 100
 55 0.0 59.8 89.6#
 98 0.4 37.0 55.6#

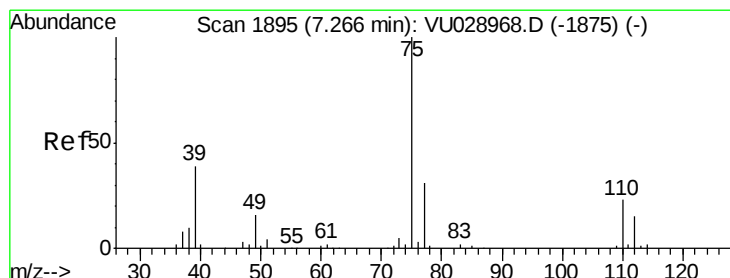
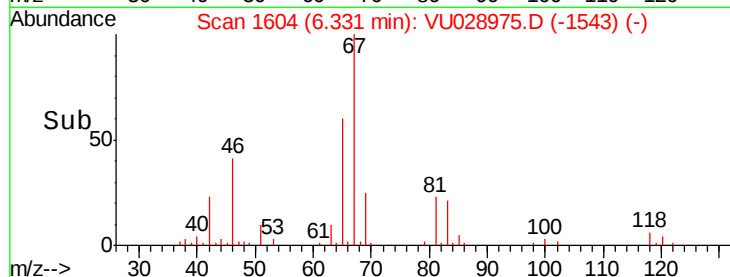
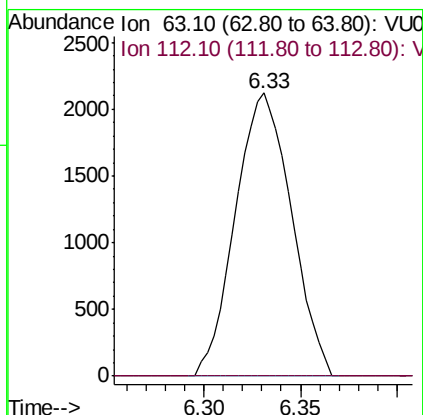
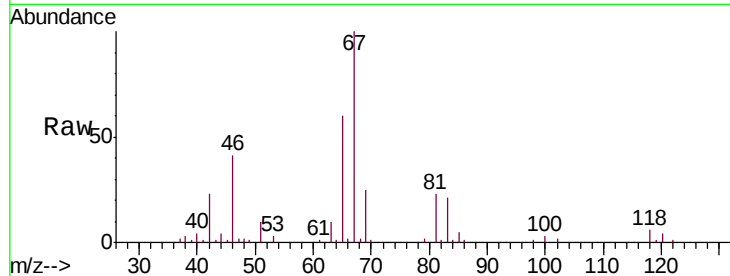




#37
 1,2-Dichloropropane
 Concen: 0.445 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU028975.D
 Acq: 27 Dec 2018 19:52

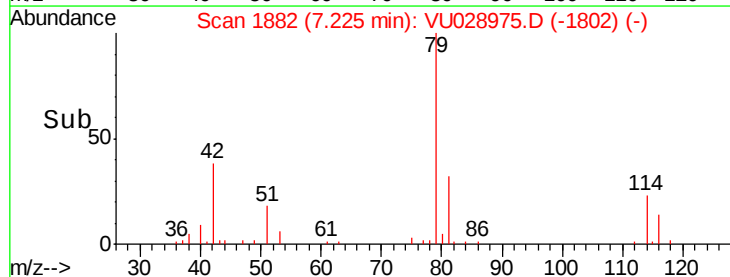
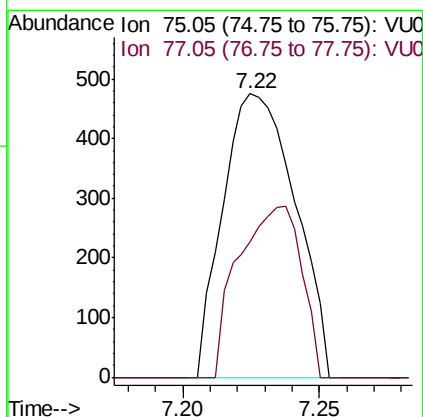
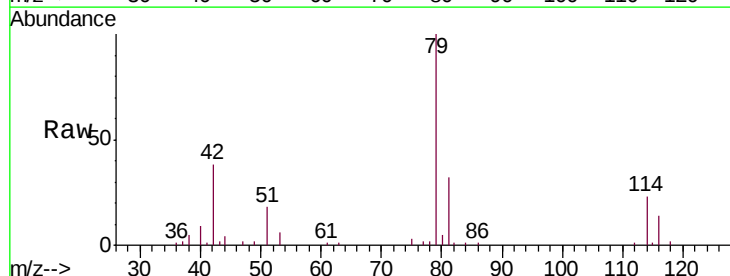
Instrument :
 MSVOA_U
 ClientSampleId :
 BF039

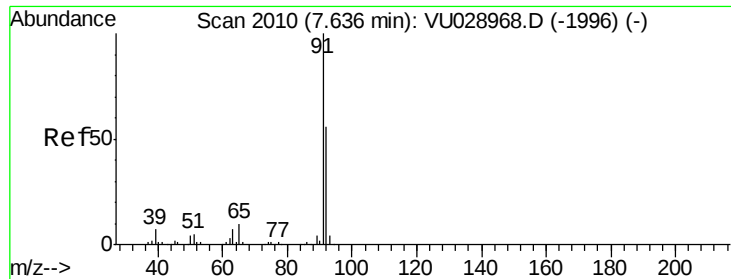
Tgt Ion: 63 Resp: 4275
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.063 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU028975.D
 Acq: 27 Dec 2018 19:52

Tgt Ion: 75 Resp: 875
 Ion Ratio Lower Upper
 75 100
 77 47.6 21.5 39.9#





#42

Toluene

Concen: 0.059 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU028975.D

Acq: 27 Dec 2018 19:52

Instrument :

MSVOA_U

ClientSampled :

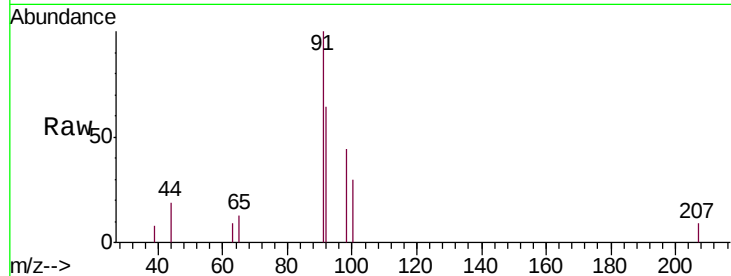
BF039

Tgt Ion: 91 Resp: 2376

Ion Ratio Lower Upper

91 100

92 63.9 39.3 73.1



Abundance Ion 91.15 (90.85 to 91.85): VU028968.D (-1996) (-)

Ion 92.15 (91.85 to 92.85): VU028968.D (-1996) (-)

7.64

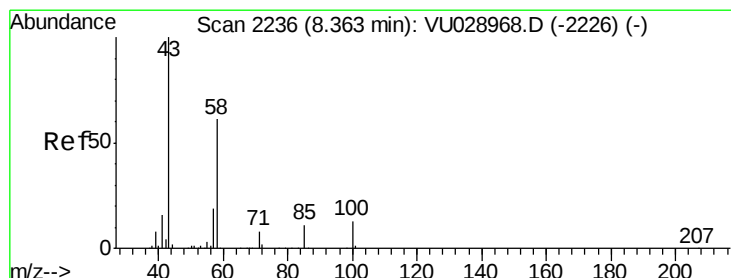
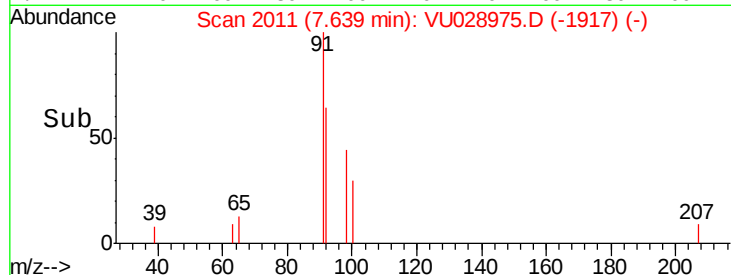
1500

1000

500

0

Time-->



#48

2-Hexanone

Concen: 2.112 ug/L

RT: 8.31 min Scan# 2221

Delta R.T. -0.05 min

Lab File: VU028975.D

Acq: 27 Dec 2018 19:52

Tgt Ion: 43 Resp: 7475

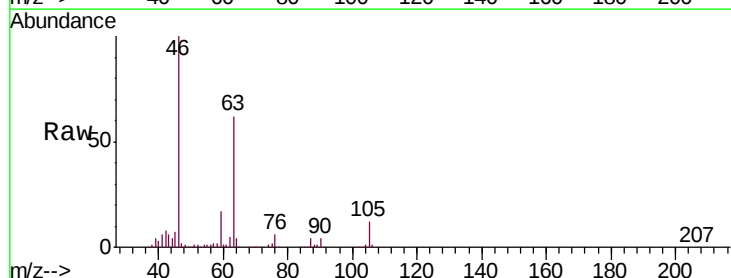
Ion Ratio Lower Upper

43 100

58 27.1 48.8 73.2#

57 26.0 16.0 24.0#

100 0.0 10.2 15.4#



Abundance Ion 43.05 (42.75 to 43.75): VU028968.D (-2226) (-)

Ion 58.05 (57.75 to 58.75): VU028968.D (-2226) (-)

Ion 57.20 (56.90 to 57.90): VU028968.D (-2226) (-)

Ion 100.15 (99.85 to 100.85): VU028968.D (-2226) (-)

8.31

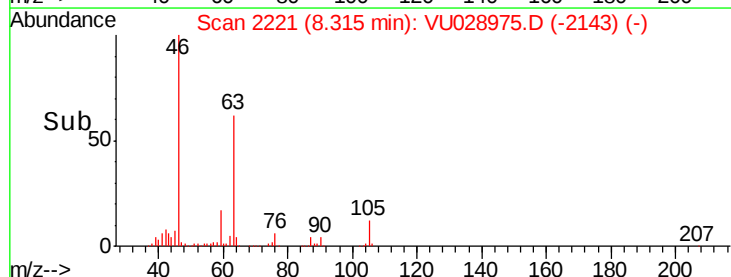
6000

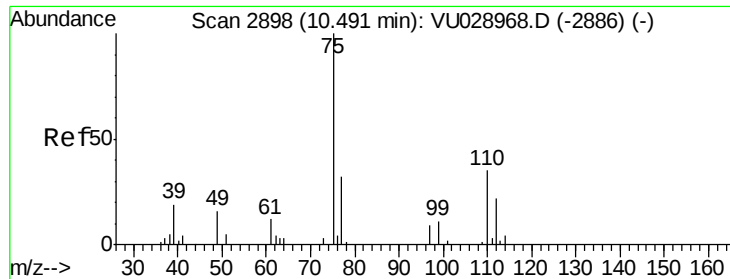
4000

2000

0

Time-->

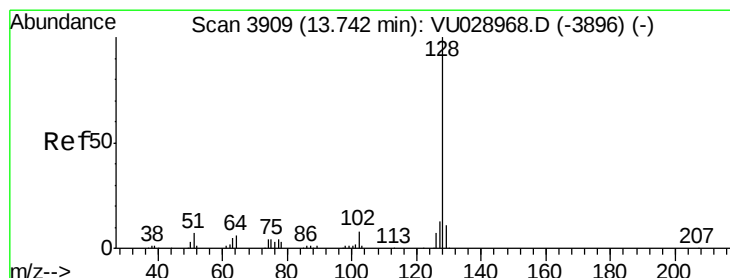
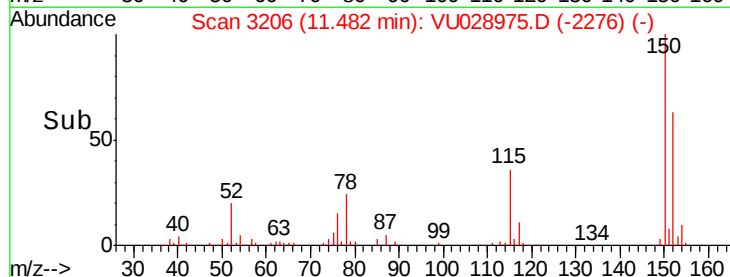
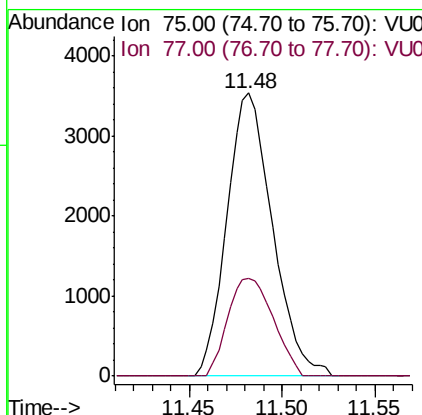
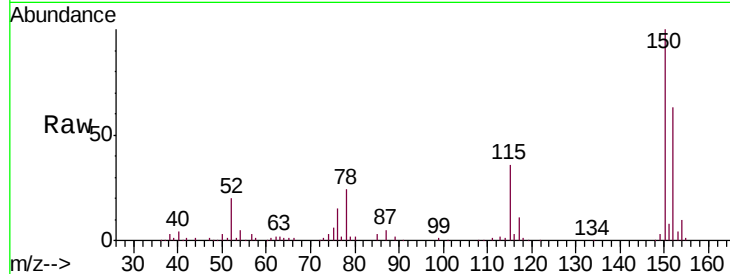




#59
 1,2,3-Trichloropropane
 Concen: 1.076 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU028975.D
 Acq: 27 Dec 2018 19:52

Instrument :
 MSVOA_U
 ClientSampleId :
 BF039

Tgt Ion: 75 Resp: 6031
 Ion Ratio Lower Upper
 75 100
 77 34.4 26.0 39.0



#69
 Naphthalene
 Concen: 0.076 ug/L
 RT: 13.75 min Scan# 3911
 Delta R.T. 0.01 min
 Lab File: VU028975.D
 Acq: 27 Dec 2018 19:52

Tgt Ion: 128 Resp: 1587
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.3 12.5#
 127 7.1 9.8 14.6#

