

Data File : VU027513.D
Acq On : 08 Oct 2018 20:44
Operator : MD/SY
Sample : J5298-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62W6

Quant Time: Oct 09 05:24:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 05:21:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	179260	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	163808	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	70152	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54589	38.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.40%
7) Chloroethane-d5	1.68	69	47223	43.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.90%
11) 1,1-Dichloroethene-d2	2.27	63	79228	29.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.88%#
21) 2-Butanone-d5	4.18	46	134069	117.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.72%
24) Chloroform-d	4.65	84	109270	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.86%
26) 1,2-Dichloroethane-d4	5.31	65	76882	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
32) Benzene-d6	5.34	84	212592	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.56%
36) 1,2-Dichloropropane-d6	6.33	67	80228	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.78%
41) Toluene-d8	7.57	98	175382	41.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.58%
43) trans-1,3-Dichloropropene-	7.85	79	33904	43.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.50%
47) 2-Hexanone-d5	8.31	63	92706	114.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110058	52.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	67745	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%

Target Compounds

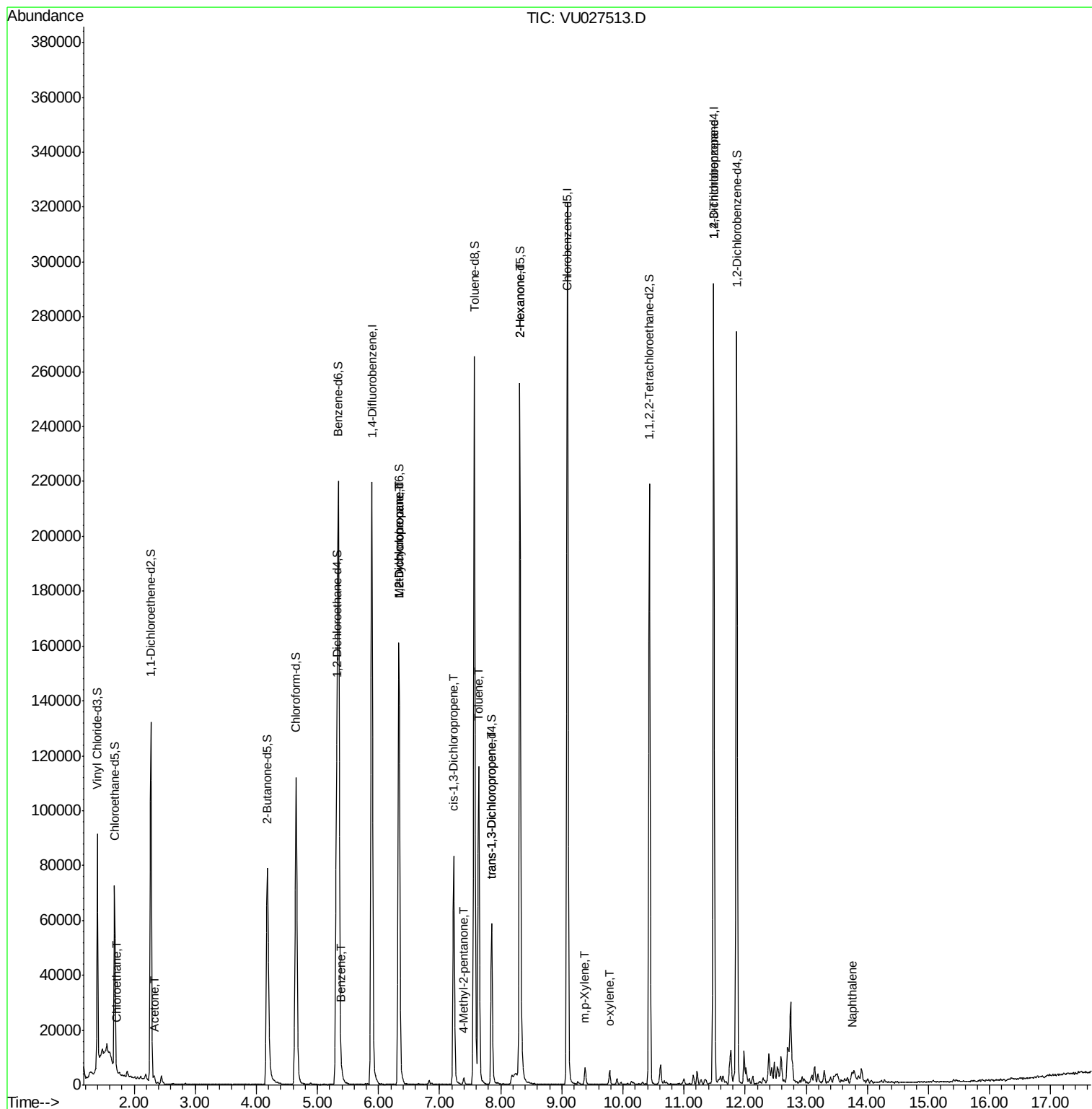
					Qvalue	
8) Chloroethane	1.72	64	588	0.492	ug/L #	43
13) Acetone	2.32	43	1421	1.521	ug/L	63
33) Benzene	5.39	78	2103	0.391	ug/L	100
35) Methylcyclohexane	6.33	83	17457	7.761	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	8418	5.398	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1939	0.846	ug/L #	75
40) 4-Methyl-2-pentanone	7.39	43	1208	0.529	ug/L #	44
42) Toluene	7.64	91	83379	15.437	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	1346	0.633	ug/L	89
48) 2-Hexanone	8.31	43	11000	6.100	ug/L #	66
53) m,p-Xylene	9.38	106	1748	0.796	ug/L	95
54) o-xylene	9.78	106	1384	0.654	ug/L	99
59) 1,2,3-Trichloropropane	11.49	75	9873	5.592	ug/L	95
69) Naphthalene	13.75	128	1888	0.395	ug/L #	85

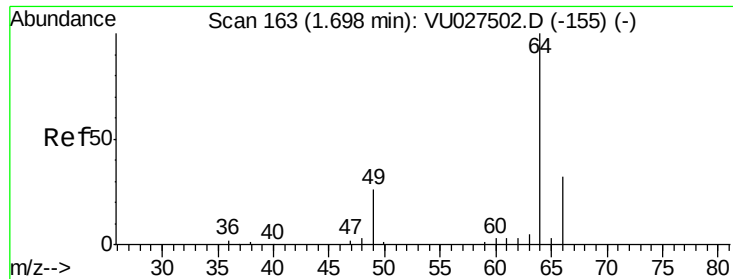
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.492 ug/L

RT: 1.72 min Scan# 170

Delta R.T. 0.02 min

Lab File: VU027513.D

Acq: 08 Oct 2018 20:44

Instrument :

MSVOA_U

ClientSampled :

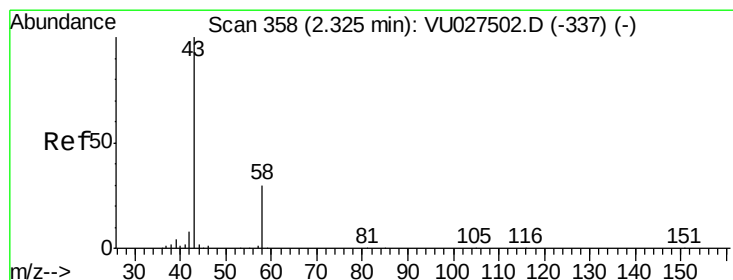
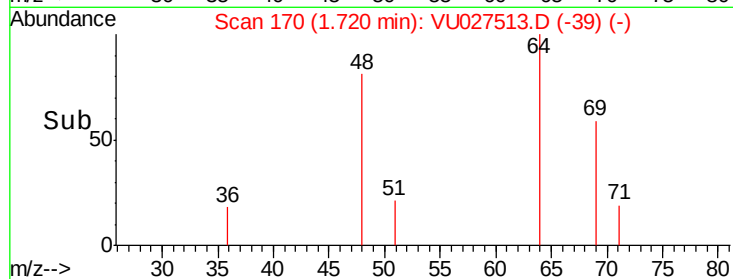
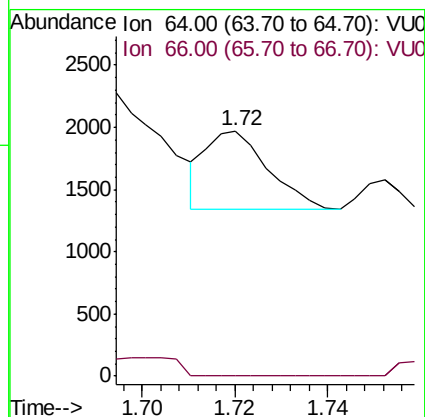
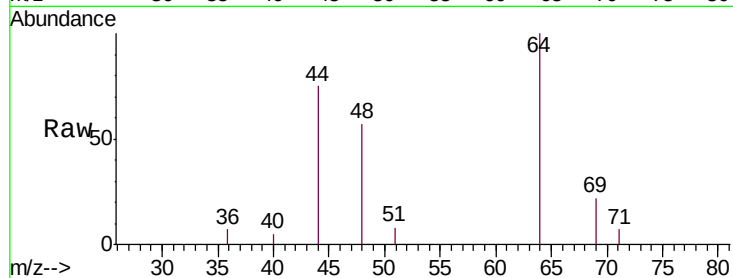
E62W6

Tgt Ion: 64 Resp: 588

Ion Ratio Lower Upper

64 100

66 0.0 22.0 40.8#



#13

Acetone

Concen: 1.521 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027513.D

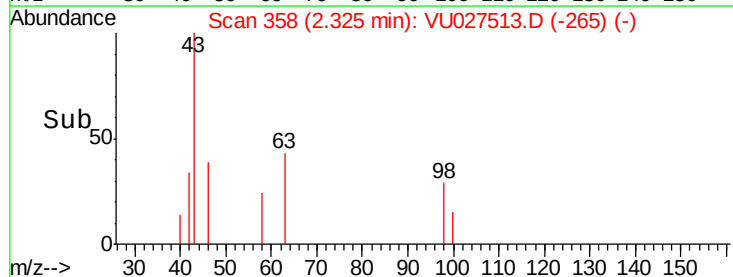
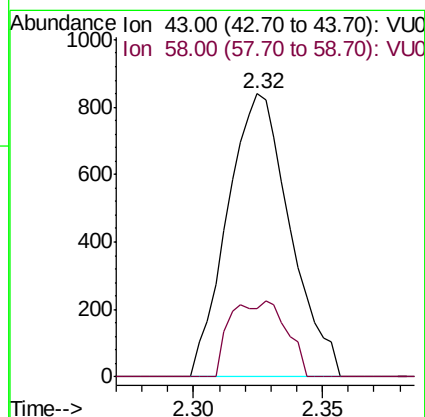
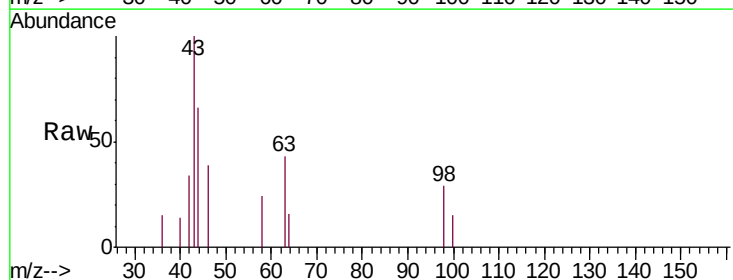
Acq: 08 Oct 2018 20:44

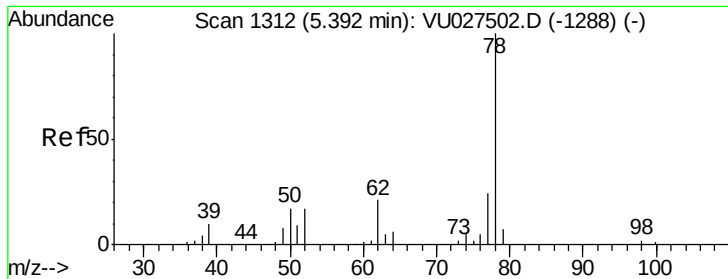
Tgt Ion: 43 Resp: 1421

Ion Ratio Lower Upper

43 100

58 10.2 0.0 60.8





#33

Benzene

Concen: 0.391 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027513.D

Acq: 08 Oct 2018 20:44

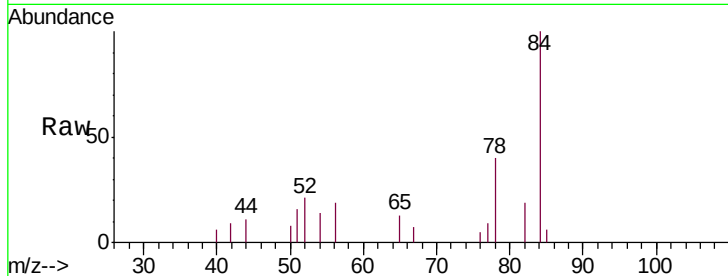
Instrument :

MSVOA_U

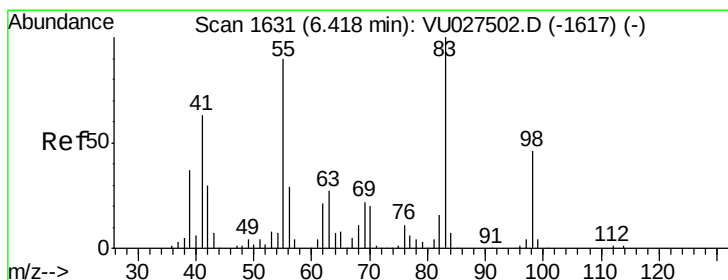
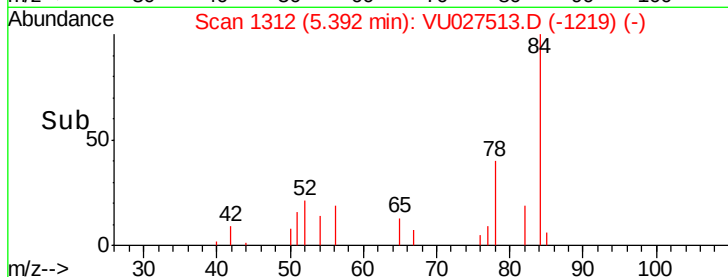
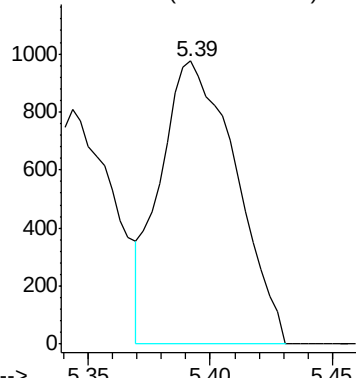
ClientSampleId :

E62W6

Tgt Ion: 78 Resp: 2103



Abundance Ion 78.00 (77.70 to 78.70): VU0



#35

Methylcyclohexane

Concen: 7.761 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU027513.D

Acq: 08 Oct 2018 20:44

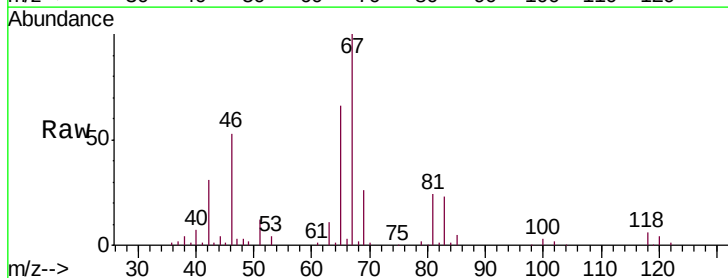
Tgt Ion: 83 Resp: 17457

Ion Ratio Lower Upper

83 100

55 0.0 69.9 104.9#

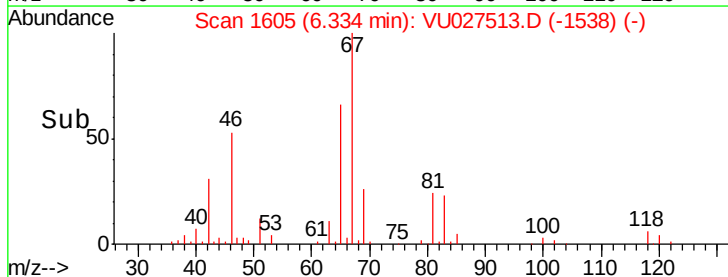
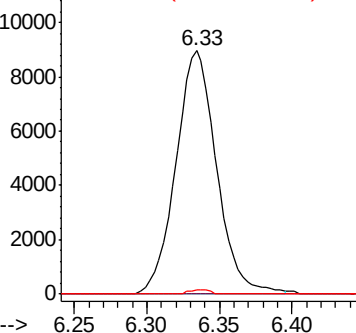
98 0.9 37.1 55.7#

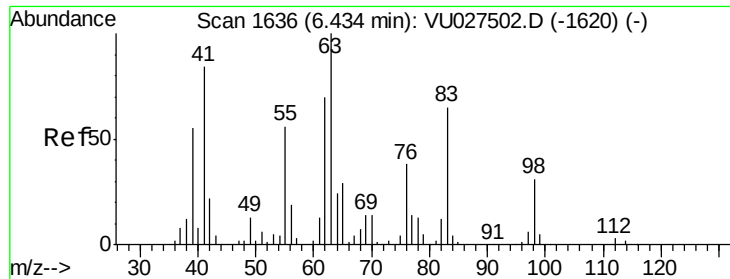


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

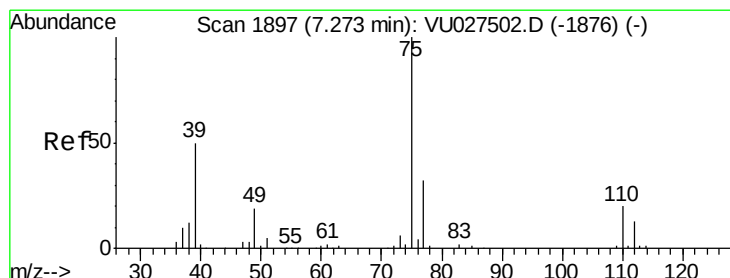
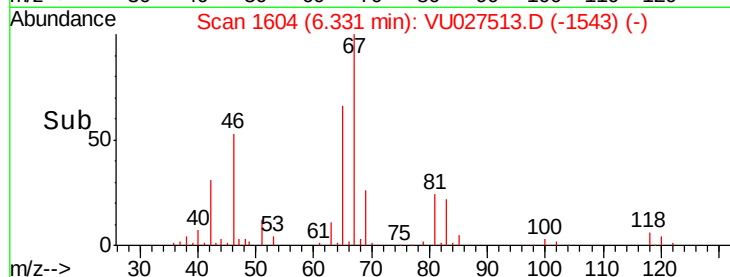
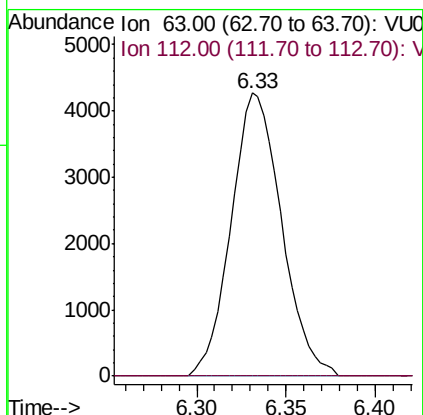
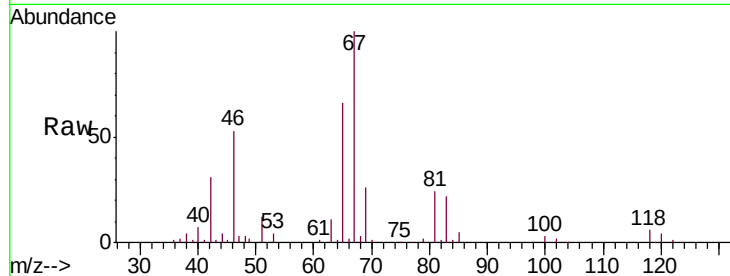




#37
 1,2-Dichloropropane
 Concen: 5.398 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027513.D
 Acq: 08 Oct 2018 20:44

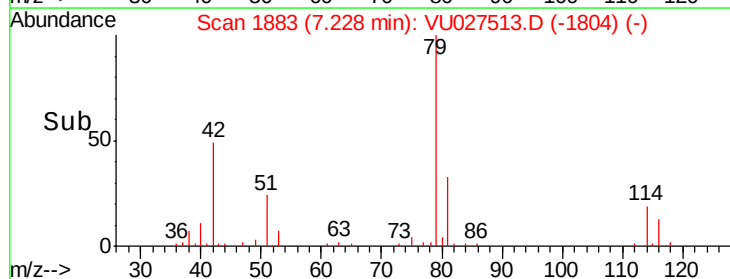
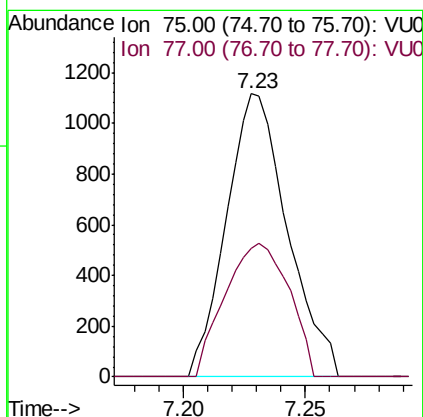
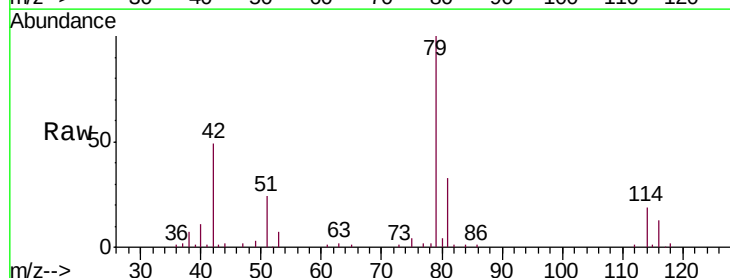
Instrument :
 MSVOA_U
 ClientSampleID :
 E62W6

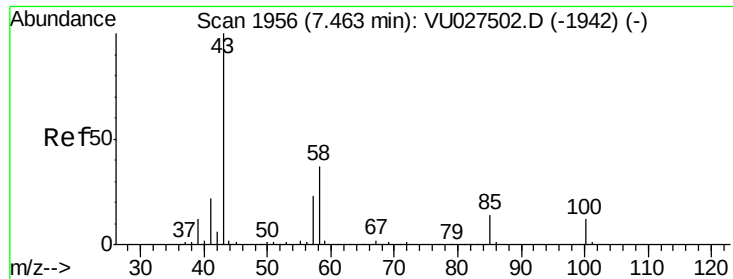
Tgt Ion: 63 Resp: 8418
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.846 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU027513.D
 Acq: 08 Oct 2018 20:44

Tgt Ion: 75 Resp: 1939
 Ion Ratio Lower Upper
 75 100
 77 45.3 22.1 41.1#

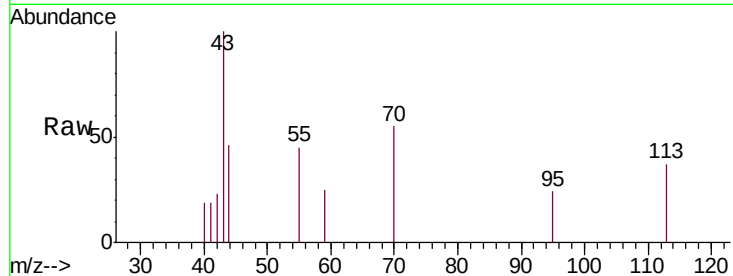




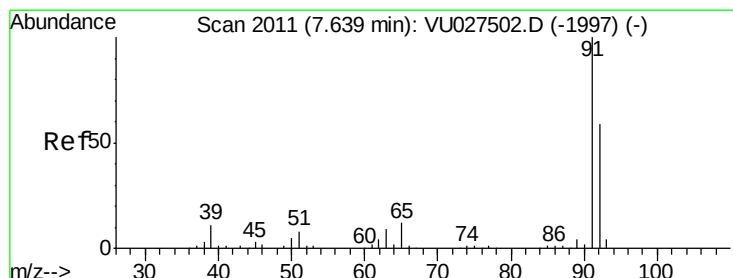
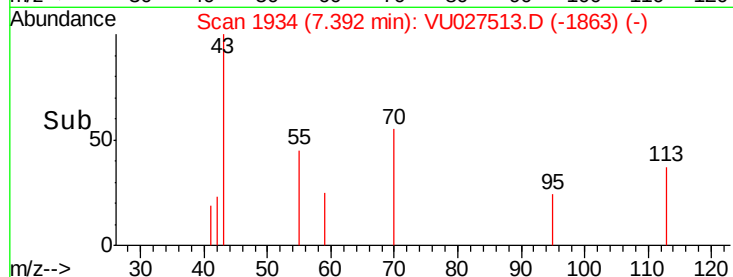
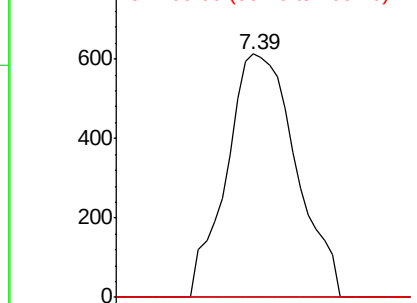
#40
4-Methyl-2-pentanone
Concen: 0.529 ug/L
RT: 7.39 min Scan# 1934
Delta R.T. -0.07 min
Lab File: VU027513.D
Acq: 08 Oct 2018 20:44

Instrument :
MSVOA_U
ClientSampleId :
E62W6

Tgt Ion: 43 Resp: 1208
Ion Ratio Lower Upper
43 100
58 0.0 30.7 46.1#
100 0.0 10.2 15.4#

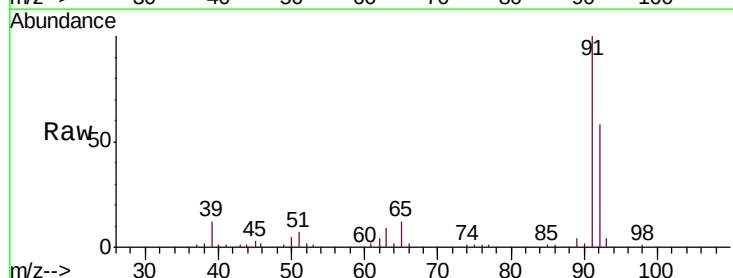


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

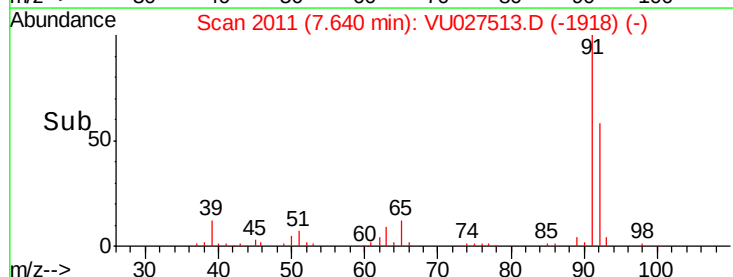
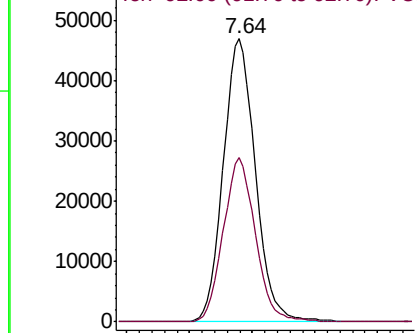


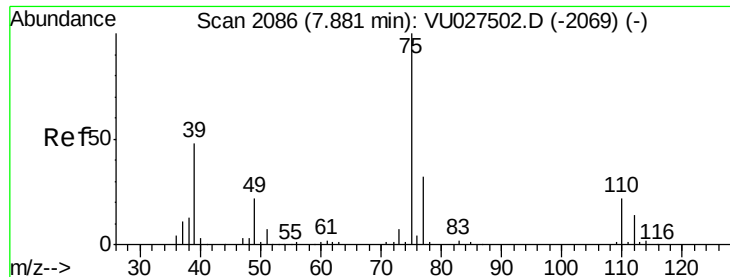
#42
Toluene
Concen: 15.437 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027513.D
Acq: 08 Oct 2018 20:44

Tgt Ion: 91 Resp: 83379
Ion Ratio Lower Upper
91 100
92 58.0 40.2 74.6



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.633 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU027513.D

Acq: 08 Oct 2018 20:44

Instrument :

MSVOA_U

ClientSampleId :

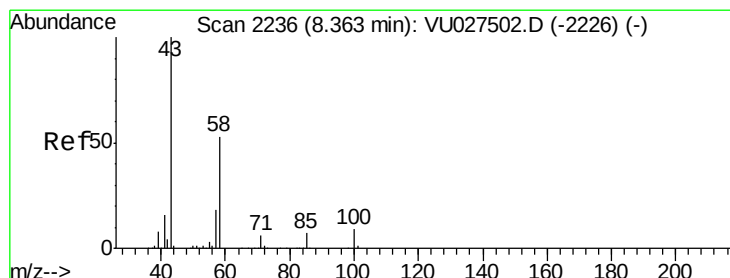
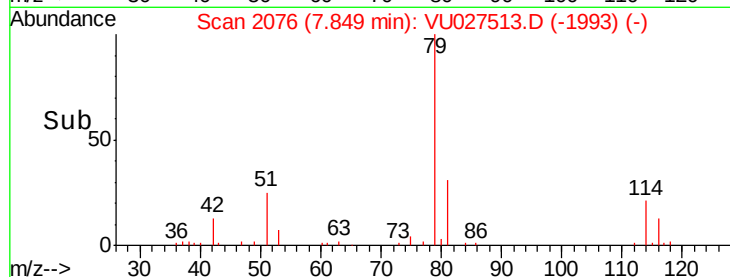
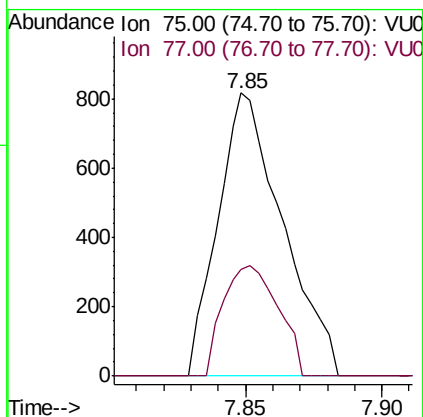
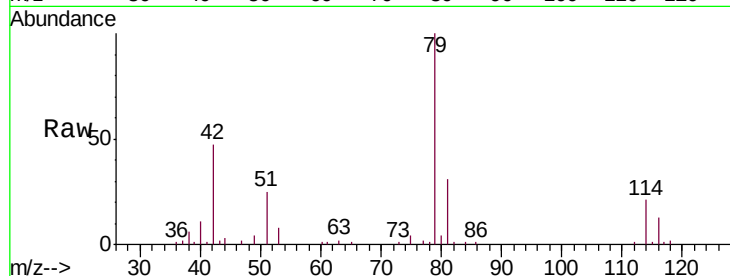
E62W6

Tgt Ion: 75 Resp: 1346

Ion Ratio Lower Upper

75 100

77 37.7 22.2 41.2



#48

2-Hexanone

Concen: 6.100 ug/L

RT: 8.31 min Scan# 2221

Delta R.T. -0.05 min

Lab File: VU027513.D

Acq: 08 Oct 2018 20:44

Tgt Ion: 43 Resp: 11000

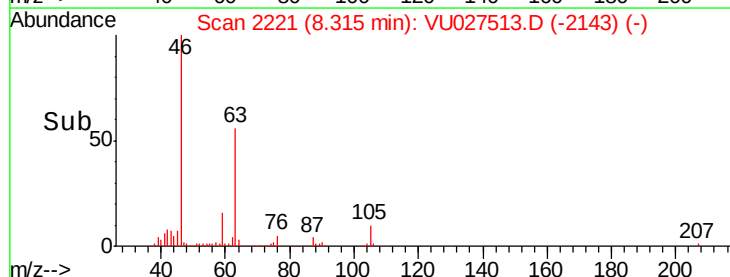
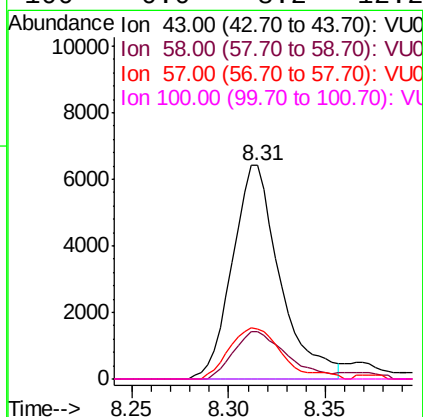
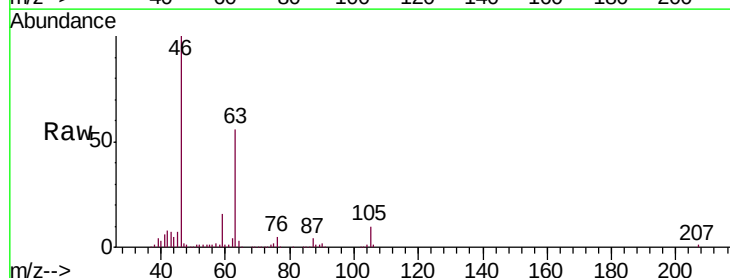
Ion Ratio Lower Upper

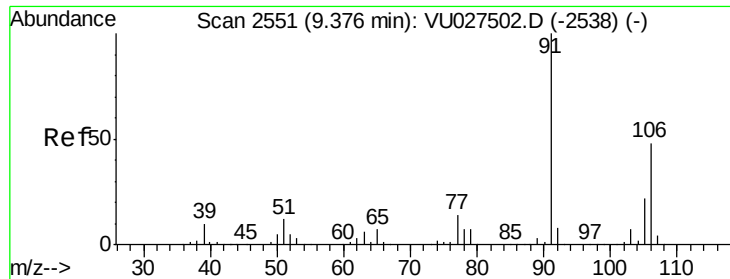
43 100

58 24.7 42.7 64.1#

57 26.5 14.5 21.7#

100 0.0 8.2 12.2#

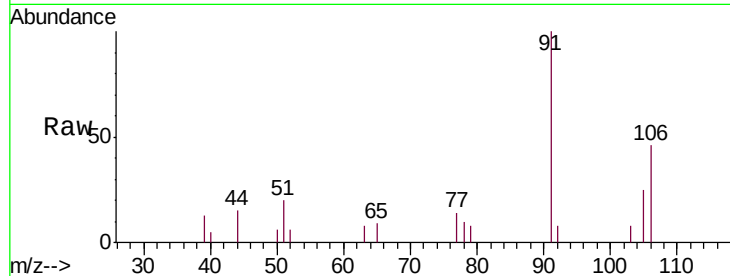




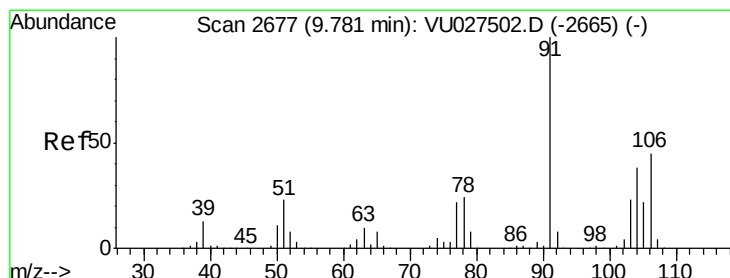
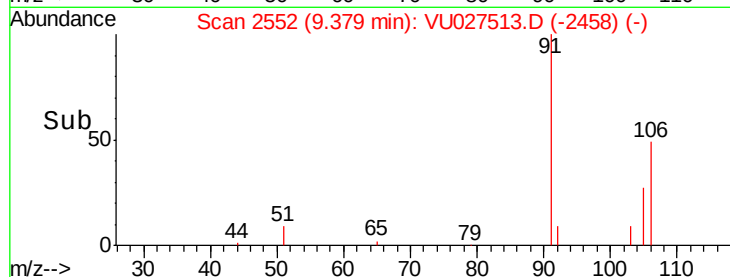
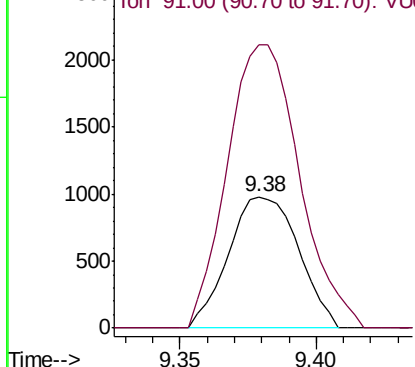
#53
m,p-Xylene
Concen: 0.796 ug/L
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027513.D
Acq: 08 Oct 2018 20:44

Instrument :
MSVOA_U
ClientSampleId :
E62W6

Tgt Ion:106 Resp: 1748
Ion Ratio Lower Upper
106 100
91 215.4 145.0 269.4

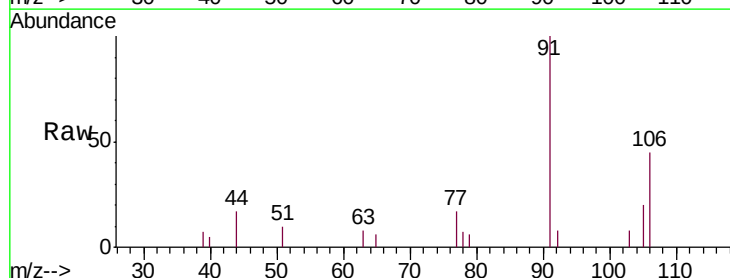


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

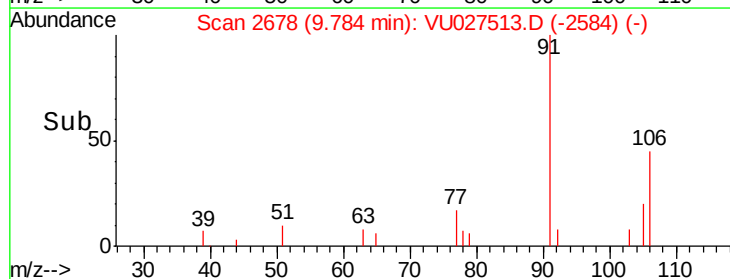
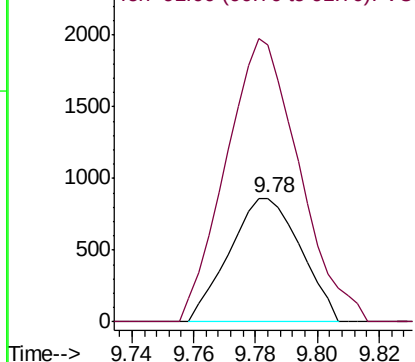


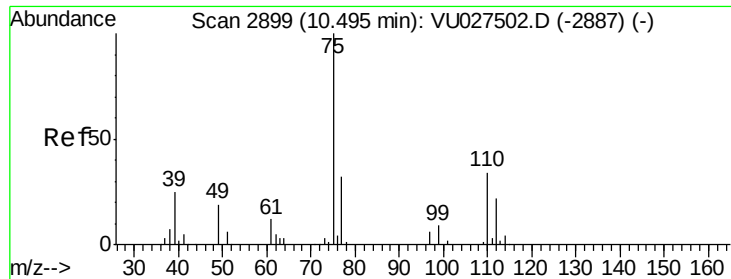
#54
o-xylene
Concen: 0.654 ug/L
RT: 9.78 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VU027513.D
Acq: 08 Oct 2018 20:44

Tgt Ion:106 Resp: 1384
Ion Ratio Lower Upper
106 100
91 223.5 154.8 287.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

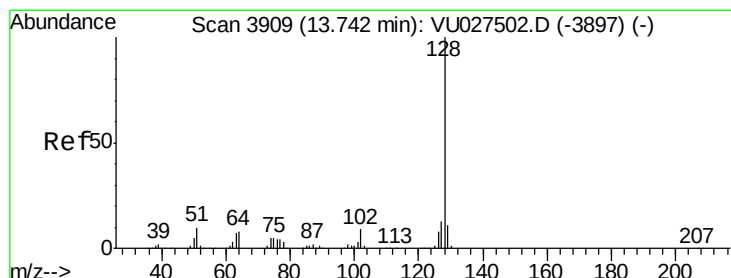
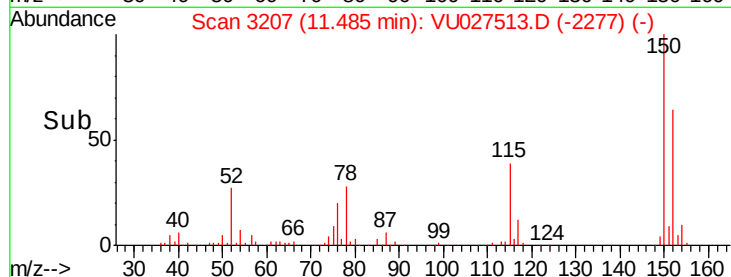
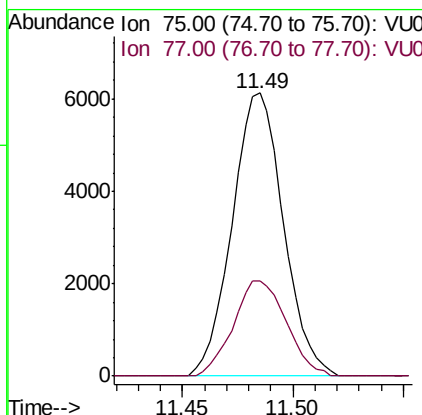
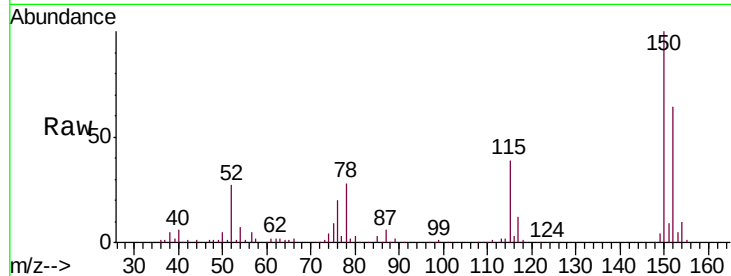




#59
 1,2,3-Trichloropropane
 Concen: 5.592 ug/L
 RT: 11.49 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027513.D
 Acq: 08 Oct 2018 20:44

Instrument :
 MSVOA_U
 ClientSampleId :
 E62W6

Tgt Ion: 75 Resp: 9873
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.7 38.5



#69
 Naphthalene
 Concen: 0.395 ug/L
 RT: 13.75 min Scan# 3911
 Delta R.T. 0.01 min
 Lab File: VU027513.D
 Acq: 08 Oct 2018 20:44

Tgt Ion: 128 Resp: 1888
 Ion Ratio Lower Upper
 128 100
 127 6.2 10.4 15.6#
 129 5.9 8.6 12.8#

