

Data File : VU027501.D
Acq On : 08 Oct 2018 15:38
Operator : MD/SY
Sample : J5298-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62T6

Quant Time: Oct 09 04:57:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 04:55:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	189974	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	180105	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86696	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61071	40.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.70%
7) Chloroethane-d5	1.68	69	51259	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.27	63	90532	32.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.56%
21) 2-Butanone-d5	4.18	46	130916	108.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.47%
24) Chloroform-d	4.65	84	116967	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.82%
26) 1,2-Dichloroethane-d4	5.31	65	82856	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
32) Benzene-d6	5.34	84	237769	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
36) 1,2-Dichloropropane-d6	6.33	67	85312	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.50%
41) Toluene-d8	7.57	98	197691	42.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.70%
43) trans-1,3-Dichloropropene-	7.85	79	38104	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.44%
47) 2-Hexanone-d5	8.31	63	93642	104.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114887	49.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	79146	46.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.32%

Target Compounds

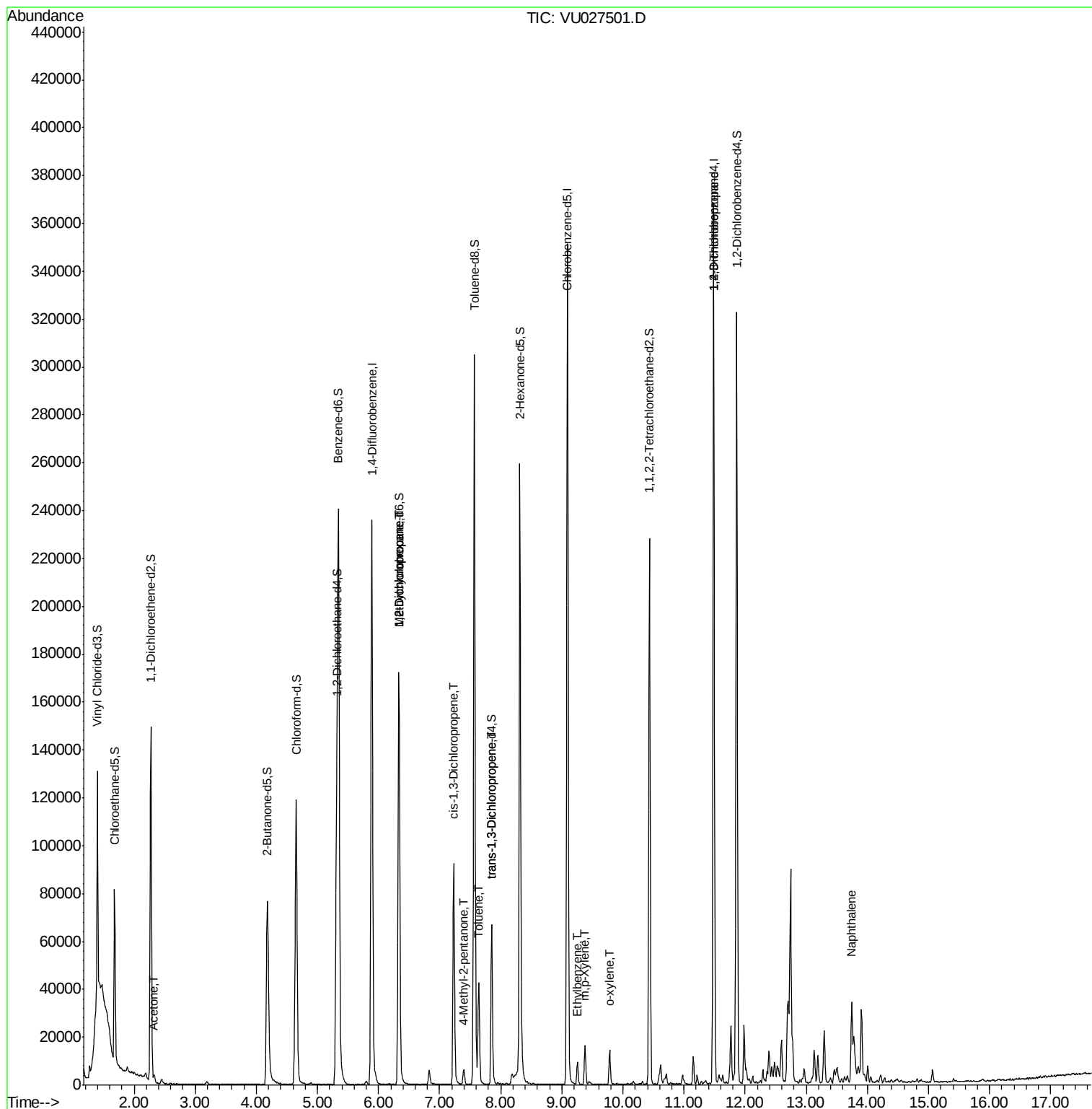
					Qvalue
13) Acetone	2.32	43	1666	1.683 ug/L	80
35) Methylcyclohexane	6.33	83	18602	7.522 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	9114	5.315 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2253	0.894 ug/L #	64
40) 4-Methyl-2-pentanone	7.40	43	3714	1.479 ug/L #	44
42) Toluene	7.64	91	31113	5.239 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	1393	0.596 ug/L	92
52) Ethylbenzene	9.25	91	7106	1.078 ug/L	94
53) m,p-Xylene	9.38	106	4221	1.749 ug/L	95
54) o-xylene	9.78	106	3583	1.541 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	12525	6.452 ug/L	93
69) Naphthalene	13.74	128	21306	3.604 ug/L	98

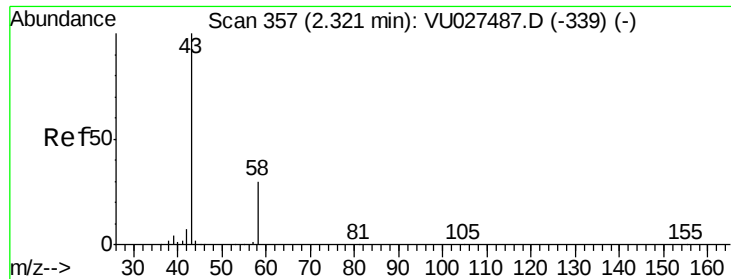
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU027501.D
Acq On : 08 Oct 2018 15:38
Operator : MD/SY
Sample : J5298-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62T6

Quant Time: Oct 09 04:57:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 04:55:00 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.683 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027501.D

Acq: 08 Oct 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

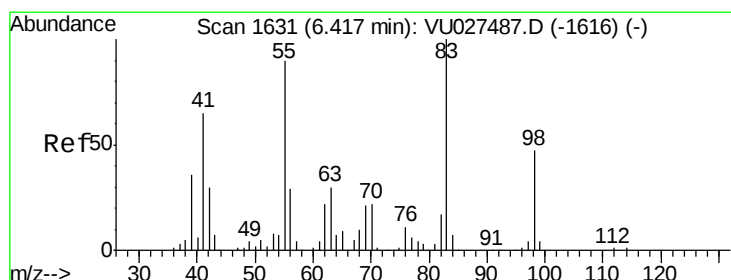
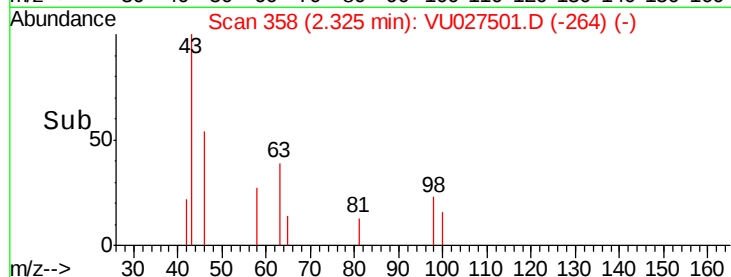
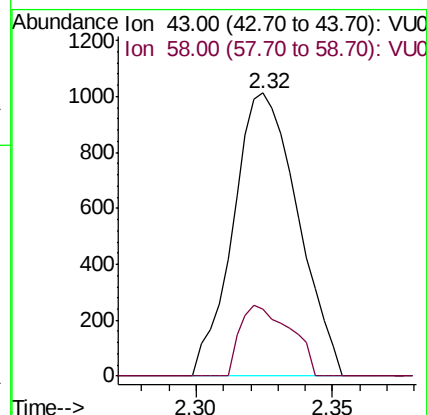
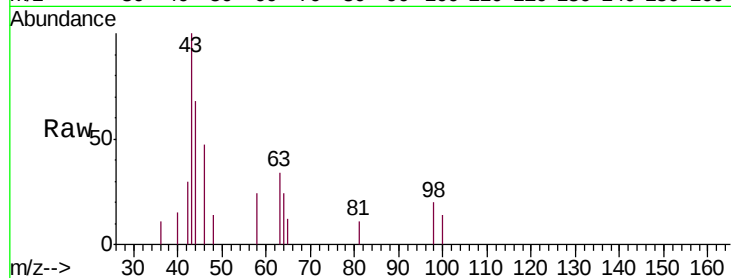
E62T6

Tgt Ion: 43 Resp: 1666

Ion Ratio Lower Upper

43 100

58 19.6 0.0 60.8



#35

Methylcyclohexane

Concen: 7.522 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU027501.D

Acq: 08 Oct 2018 15:38

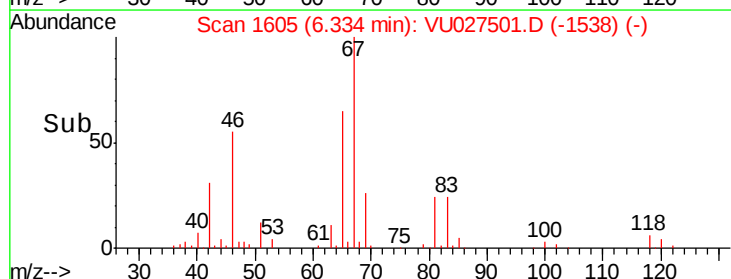
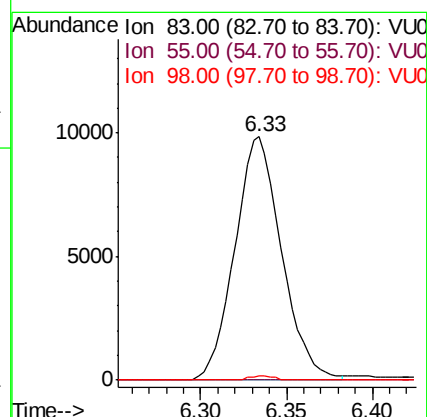
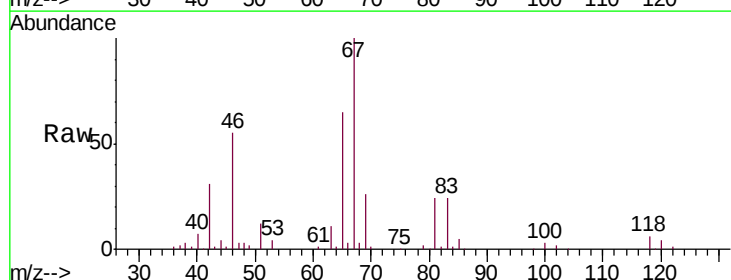
Tgt Ion: 83 Resp: 18602

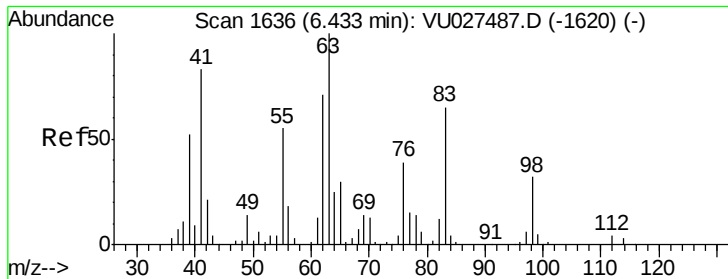
Ion Ratio Lower Upper

83 100

55 0.0 69.9 104.9#

98 0.9 37.1 55.7#

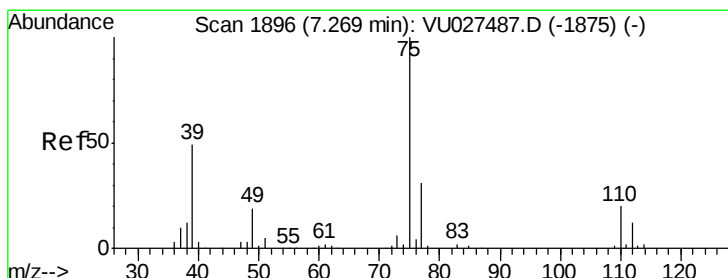
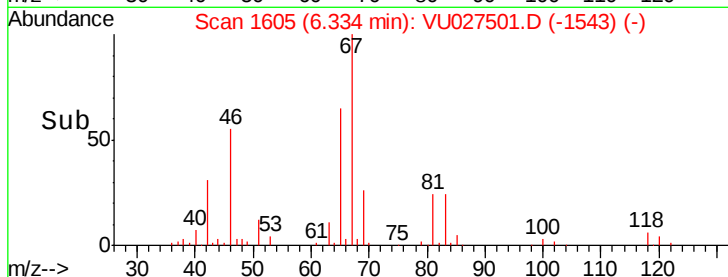
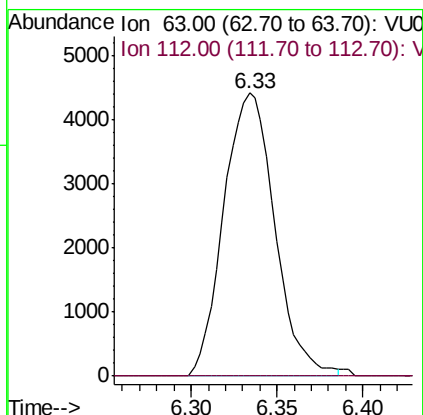
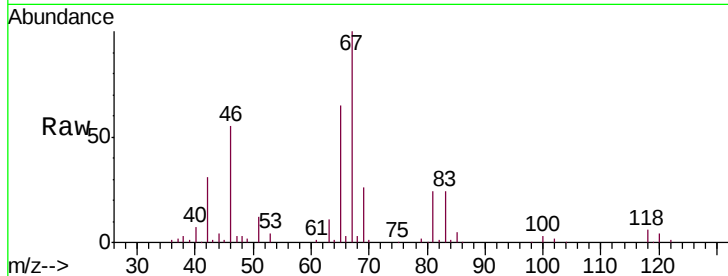




#37
 1,2-Dichloropropane
 Concen: 5.315 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU027501.D
 Acq: 08 Oct 2018 15:38

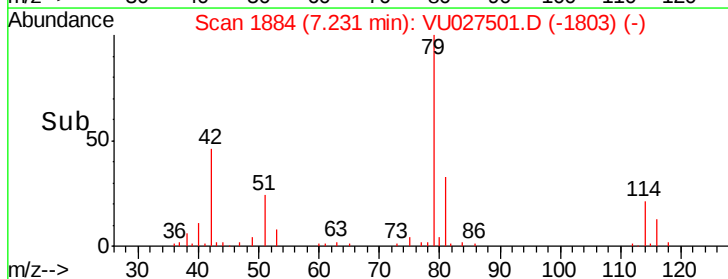
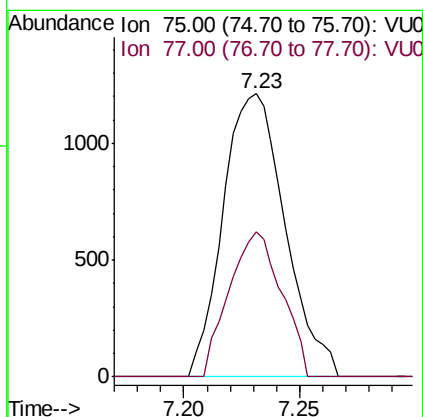
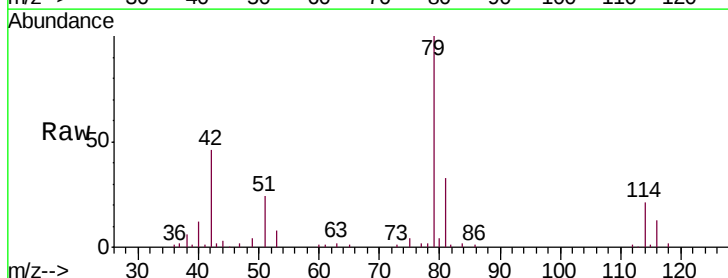
Instrument :
 MSVOA_U
 ClientSampleId :
 E62T6

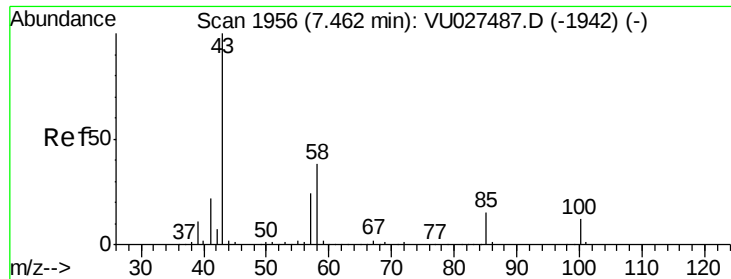
Tgt Ion: 63 Resp: 9114
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.894 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027501.D
 Acq: 08 Oct 2018 15:38

Tgt Ion: 75 Resp: 2253
 Ion Ratio Lower Upper
 75 100
 77 51.3 22.1 41.1#

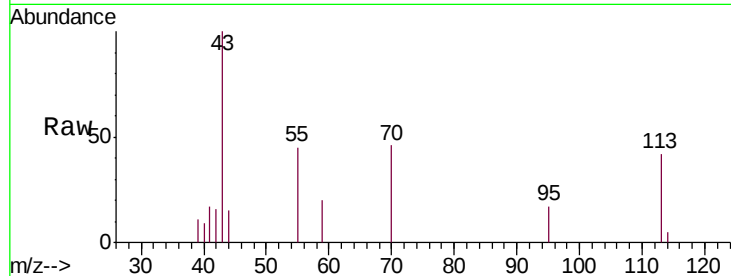




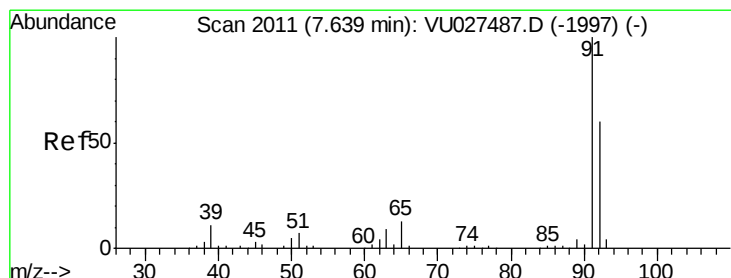
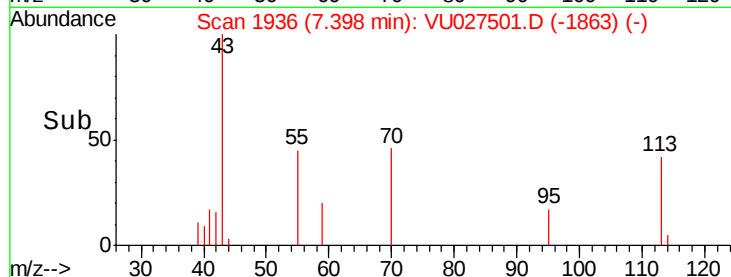
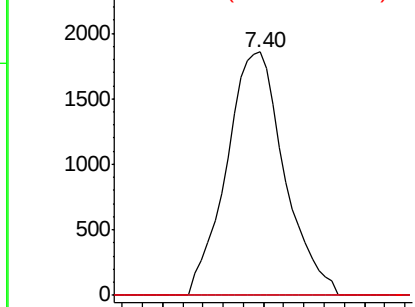
#40
 4-Methyl-2-pentanone
 Concen: 1.479 ug/L
 RT: 7.40 min Scan# 1936
 Delta R.T. -0.06 min
 Lab File: VU027501.D
 Acq: 08 Oct 2018 15:38

Instrument :
 MSVOA_U
 ClientSampleID :
 E62T6

Tgt Ion: 43 Resp: 3714
 Ion Ratio Lower Upper
 43 100
 58 0.0 30.7 46.1#
 100 0.0 10.2 15.4#

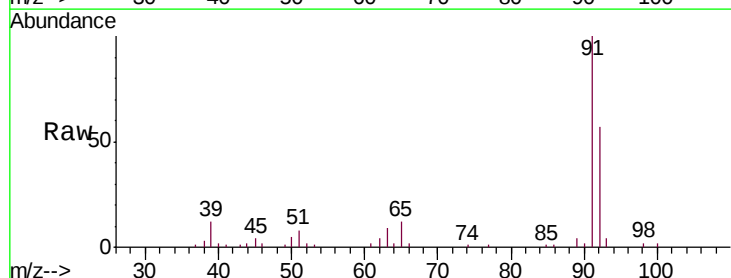


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

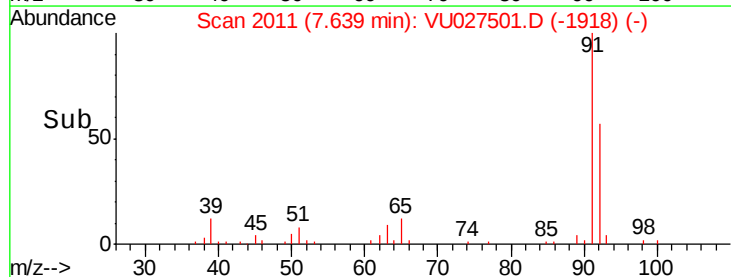
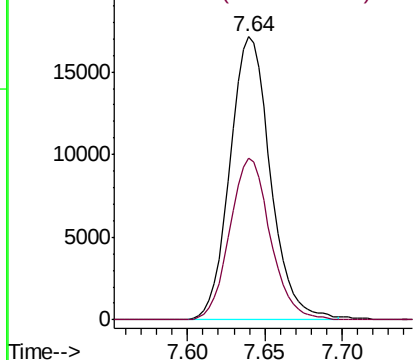


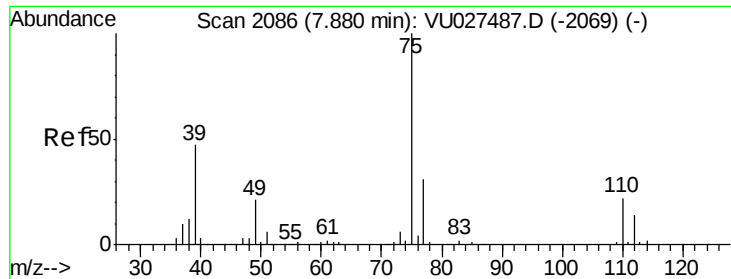
#42
 Toluene
 Concen: 5.239 ug/L
 RT: 7.64 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: VU027501.D
 Acq: 08 Oct 2018 15:38

Tgt Ion: 91 Resp: 31113
 Ion Ratio Lower Upper
 91 100
 92 57.0 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: 0.596 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU027501.D

Acq: 08 Oct 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

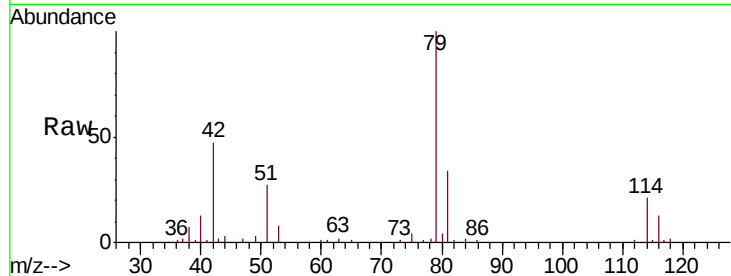
E62T6

Tgt Ion: 75 Resp: 1393

Ion Ratio Lower Upper

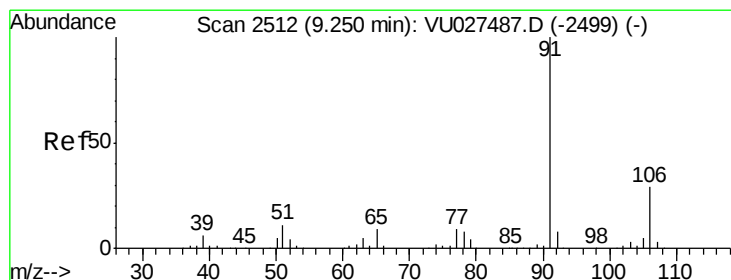
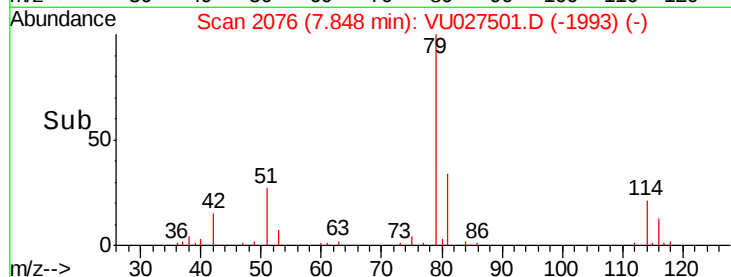
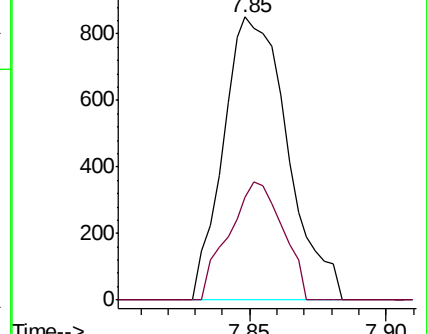
75 100

77 36.3 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#52

Ethylbenzene

Concen: 1.078 ug/L

RT: 9.25 min Scan# 2513

Delta R.T. 0.00 min

Lab File: VU027501.D

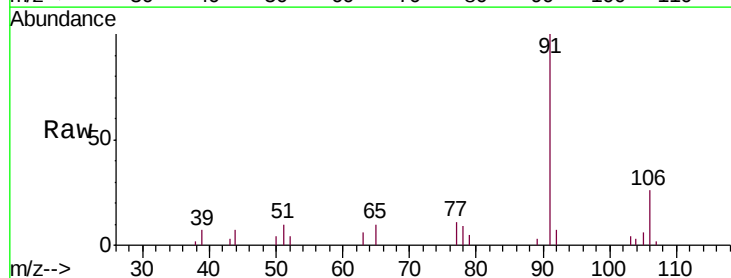
Acq: 08 Oct 2018 15:38

Tgt Ion: 91 Resp: 7106

Ion Ratio Lower Upper

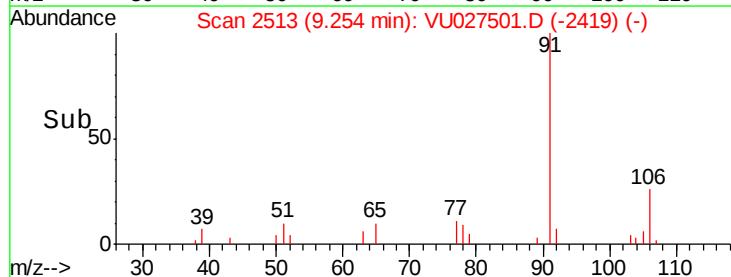
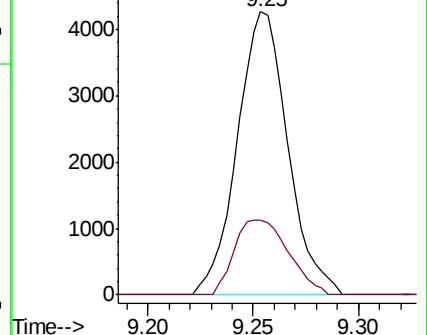
91 100

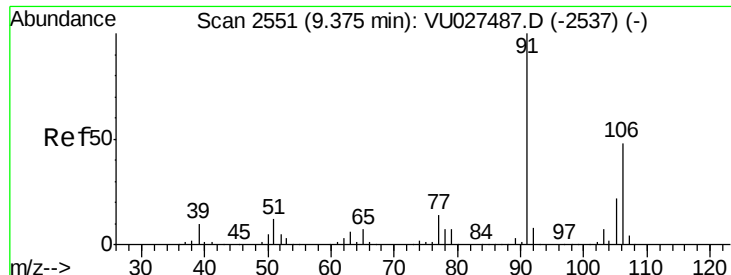
106 26.4 20.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

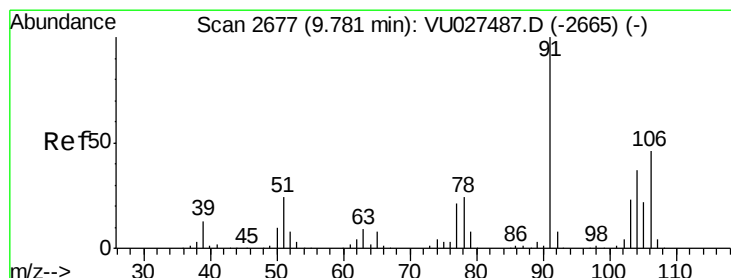
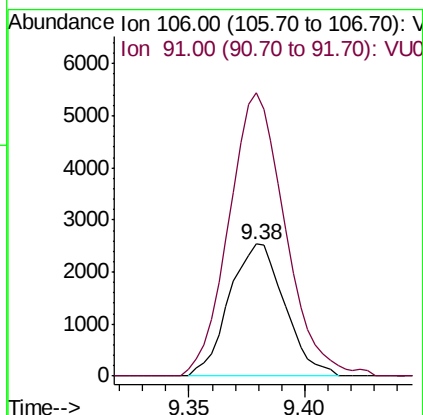
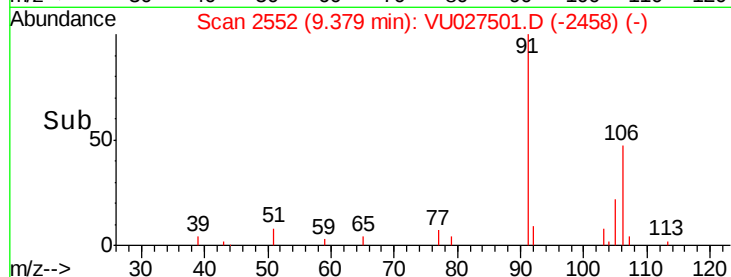
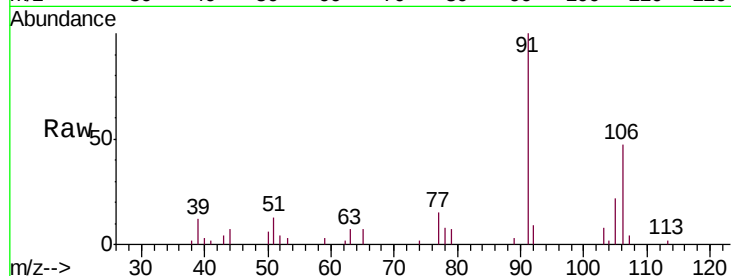




#53
m,p-Xylene
Concen: 1.749 ug/L
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027501.D
Acq: 08 Oct 2018 15:38

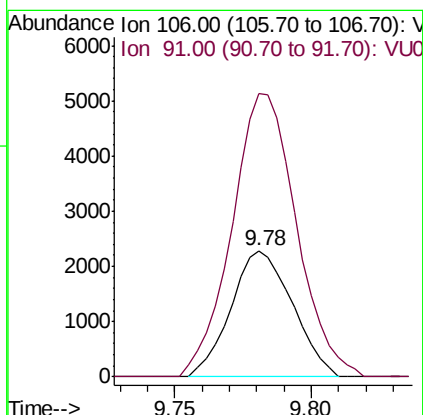
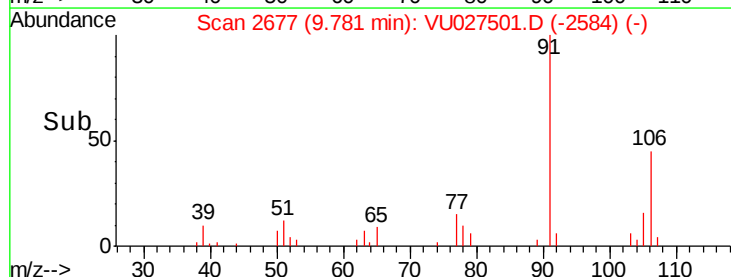
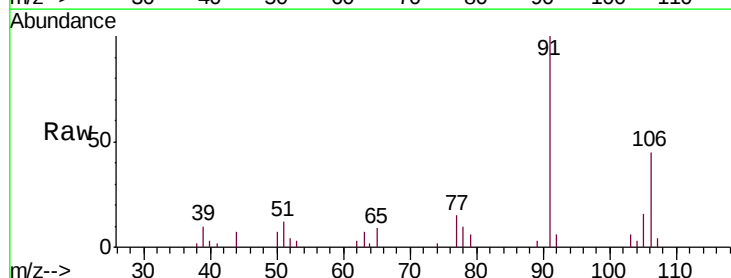
Instrument :
MSVOA_U
ClientSampleId :
E62T6

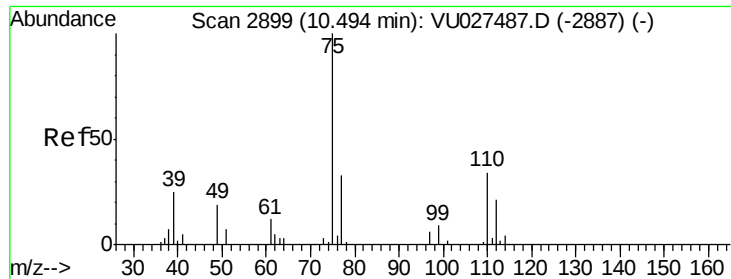
Tgt Ion:106 Resp: 4221
Ion Ratio Lower Upper
106 100
91 214.6 145.0 269.4



#54
o-xylene
Concen: 1.541 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027501.D
Acq: 08 Oct 2018 15:38

Tgt Ion:106 Resp: 3583
Ion Ratio Lower Upper
106 100
91 224.1 154.8 287.4

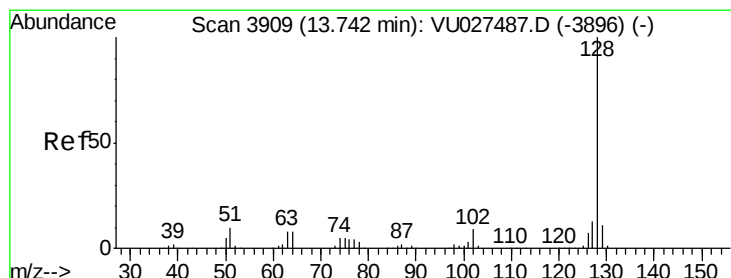
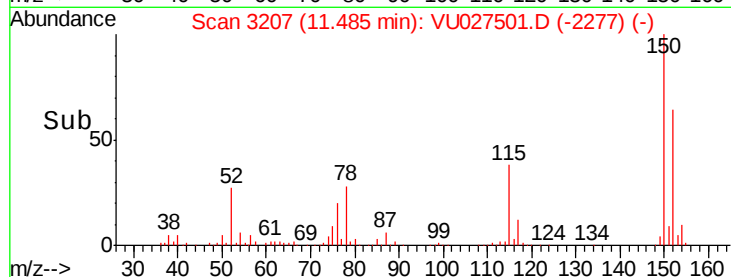
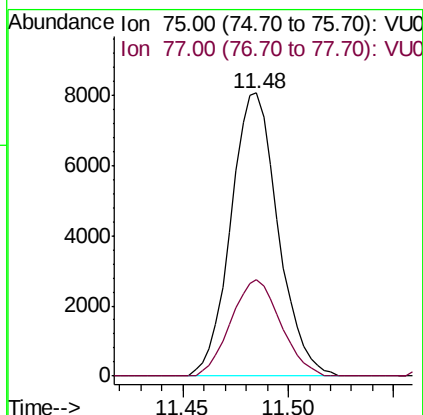
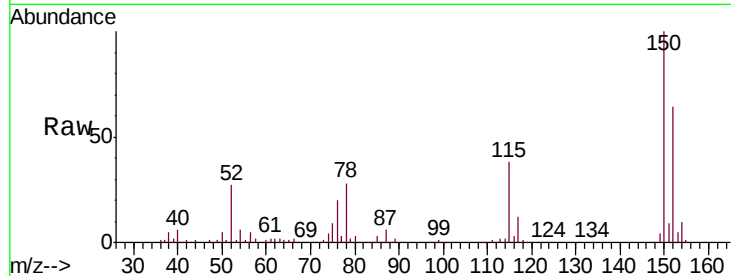




#59
 1,2,3-Trichloropropane
 Concen: 6.452 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027501.D
 Acq: 08 Oct 2018 15:38

Instrument :
 MSVOA_U
 ClientSampleId :
 E62T6

Tgt Ion: 75 Resp: 12525
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.7 38.5



#69
 Naphthalene
 Concen: 3.604 ug/L
 RT: 13.74 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: VU027501.D
 Acq: 08 Oct 2018 15:38

Tgt Ion: 128 Resp: 21306
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.4 15.6
 129 10.9 8.6 12.8

