

Data File : VU027504.D
Acq On : 08 Oct 2018 17:15
Operator : MD/SY
Sample : J5298-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62T7

Quant Time: Oct 09 05:22:44 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	188839	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	178305	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86357	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55406	37.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.56%
7) Chloroethane-d5	1.68	69	47472	41.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.92%
11) 1,1-Dichloroethene-d2	2.27	63	83181	29.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.68%#
21) 2-Butanone-d5	4.18	46	129748	108.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.15%
24) Chloroform-d	4.65	84	112175	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
26) 1,2-Dichloroethane-d4	5.31	65	79360	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
32) Benzene-d6	5.34	84	221553	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.72%
36) 1,2-Dichloropropane-d6	6.33	67	82836	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.64%
41) Toluene-d8	7.57	98	184037	40.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.58%
43) trans-1,3-Dichloropropene-	7.85	79	36216	42.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.88%
47) 2-Hexanone-d5	8.31	63	88640	100.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111499	48.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	75113	44.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.92%

Target Compounds

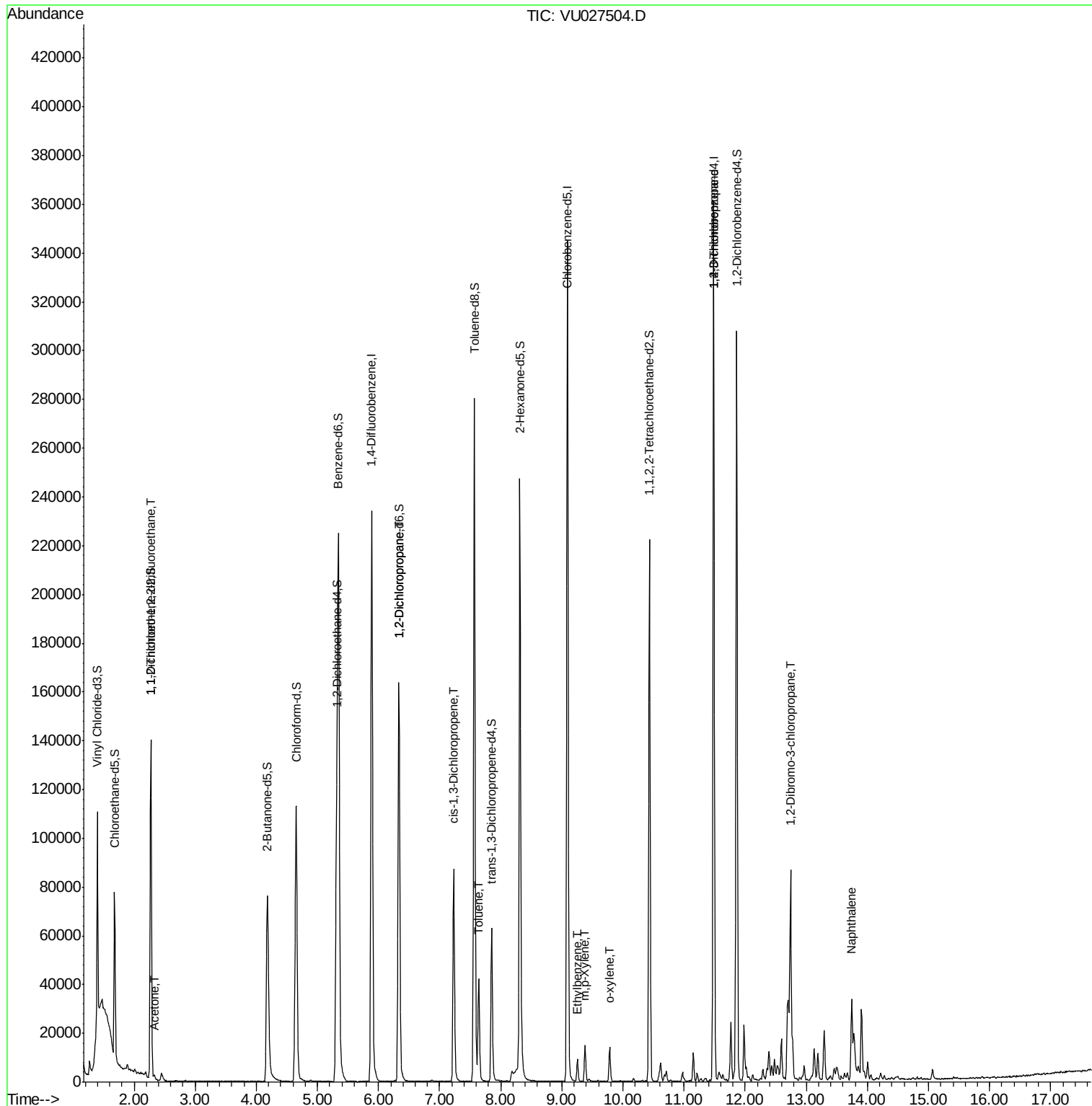
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	711	0.569 ug/L #	21
13) Acetone	2.32	43	825	0.838 ug/L	60
37) 1,2-Dichloropropane	6.33	63	8866	5.223 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1859	0.745 ug/L #	63
42) Toluene	7.64	91	30082	5.117 ug/L	97
52) Ethylbenzene	9.25	91	6748	1.034 ug/L	98
53) m,p-Xylene	9.38	106	4059	1.699 ug/L	97
54) o-xylene	9.78	106	3501	1.521 ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	12181	6.338 ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.75	75	1997	3.937 ug/L #	6
69) Naphthalene	13.75	128	21472	3.647 ug/L	99

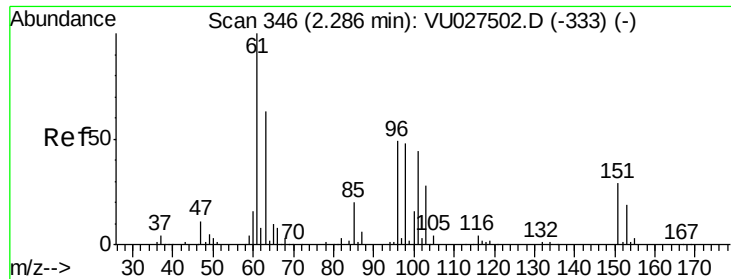
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.569 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

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E62T7

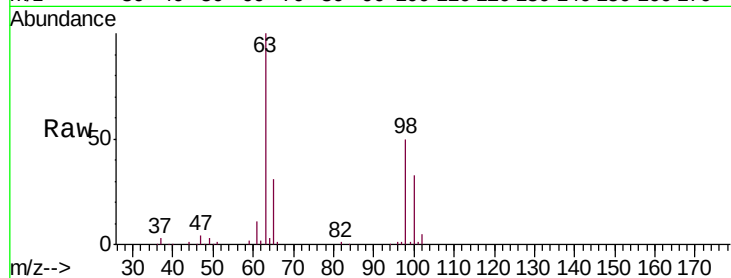
Tgt Ion:101 Resp: 711

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

151 0.0 55.7 83.5#



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

2.28

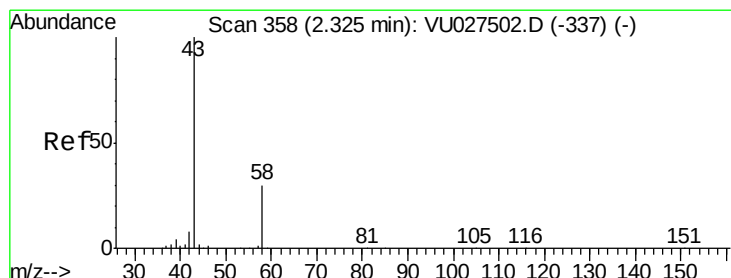
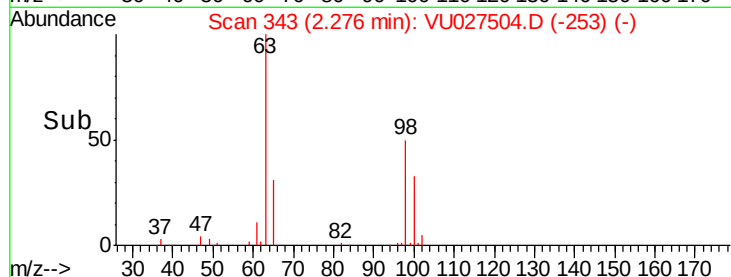
400

200

0

2.24 2.26 2.28 2.30

Time-->



#13

Acetone

Concen: 0.838 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027504.D

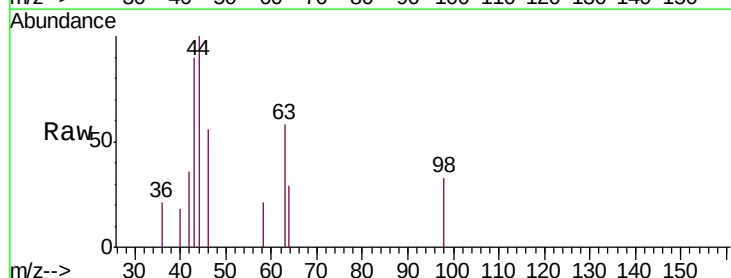
Acq: 08 Oct 2018 17:15

Tgt Ion: 43 Resp: 825

Ion Ratio Lower Upper

43 100

58 8.4 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

600

500

400

300

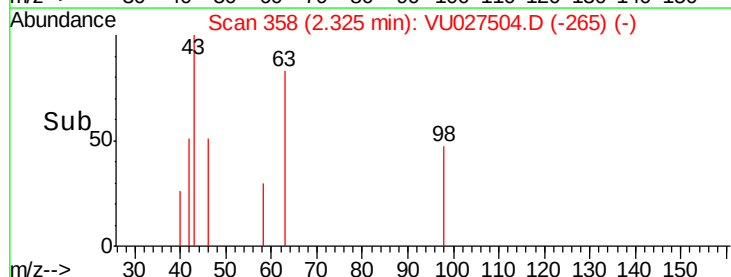
200

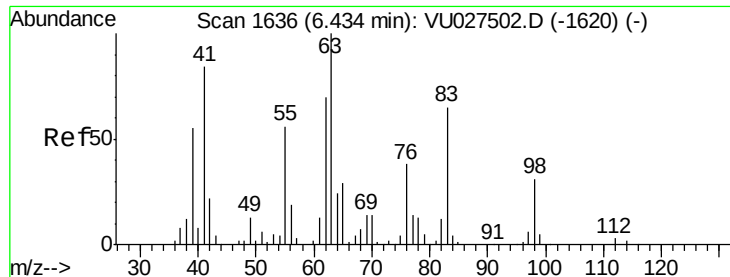
100

0

2.30 2.32 2.34 2.36

Time-->

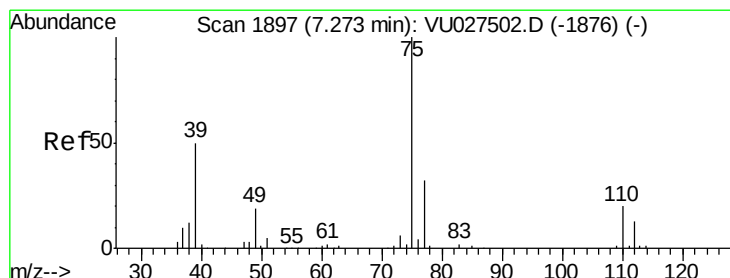
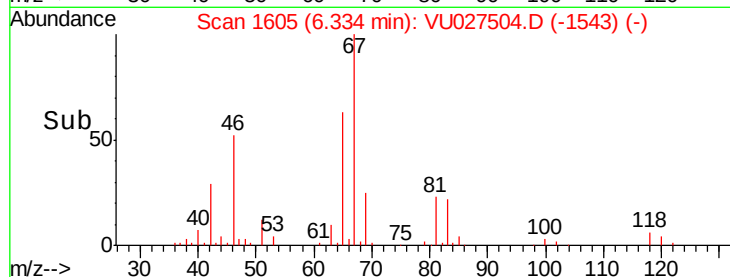
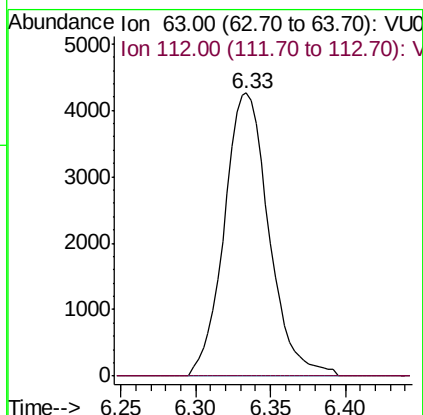
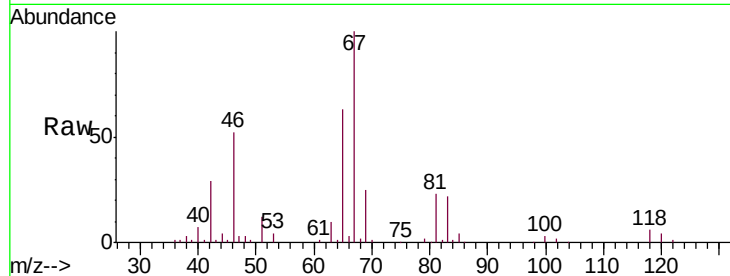




#37
 1,2-Dichloropropane
 Concen: 5.223 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU027504.D
 Acq: 08 Oct 2018 17:15

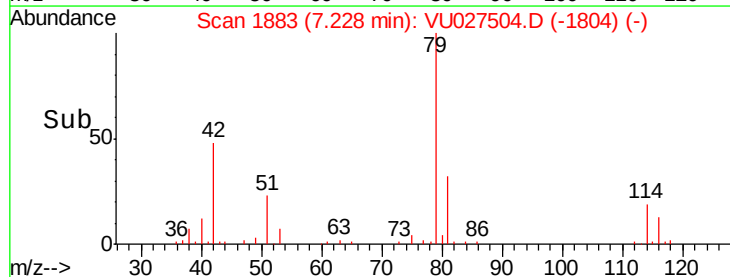
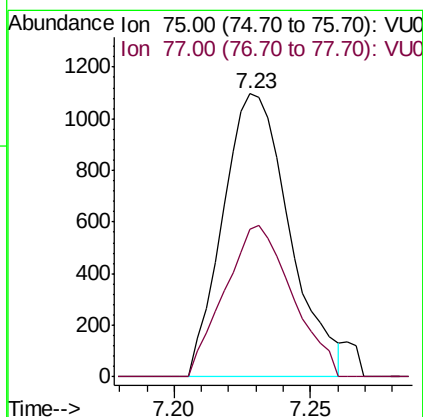
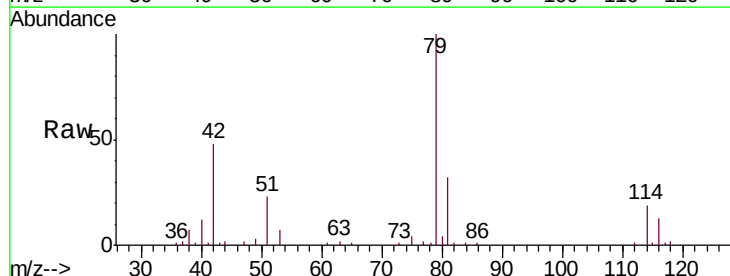
Instrument :
 MSVOA_U
 ClientSampleId :
 E62T7

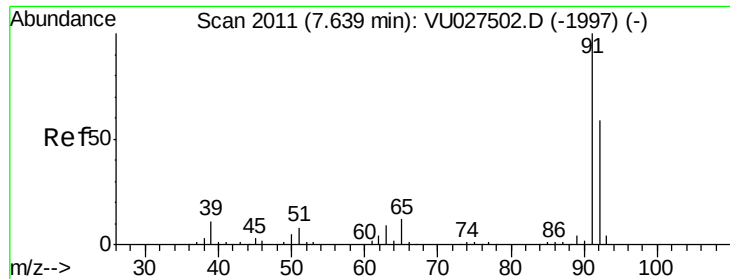
Tgt Ion: 63 Resp: 8866
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.745 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU027504.D
 Acq: 08 Oct 2018 17:15

Tgt Ion: 75 Resp: 1859
 Ion Ratio Lower Upper
 75 100
 77 52.0 22.1 41.1#





#42

Toluene

Concen: 5.117 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027504.D

Acq: 08 Oct 2018 17:15

Instrument :

MSVOA_U

ClientSampleId :

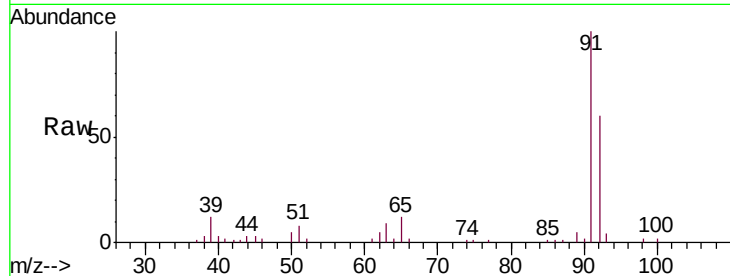
E62T7

Tgt Ion: 91 Resp: 30082

Ion Ratio Lower Upper

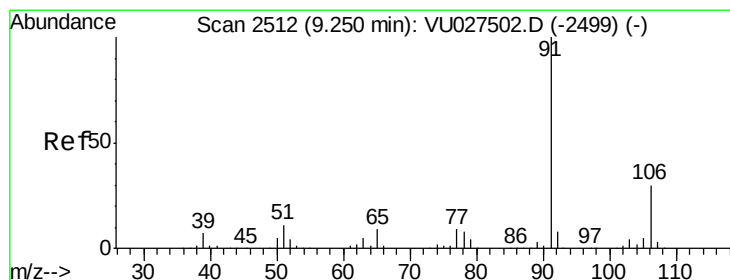
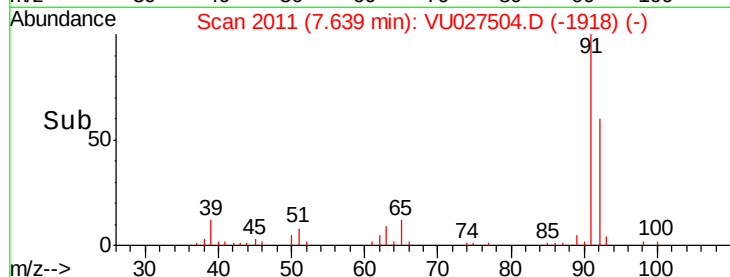
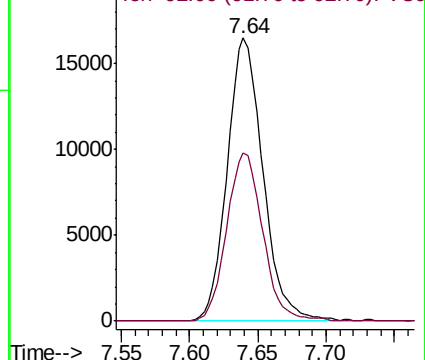
91 100

92 59.6 40.2 74.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#52

Ethylbenzene

Concen: 1.034 ug/L

RT: 9.25 min Scan# 2513

Delta R.T. 0.00 min

Lab File: VU027504.D

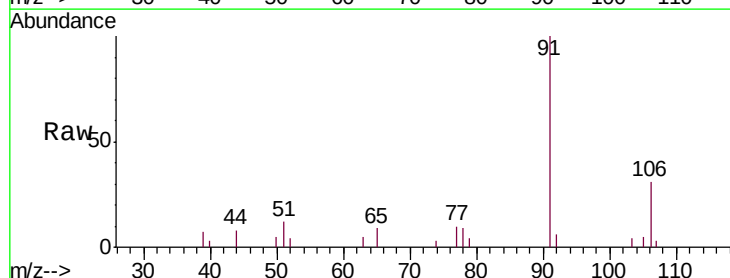
Acq: 08 Oct 2018 17:15

Tgt Ion: 91 Resp: 6748

Ion Ratio Lower Upper

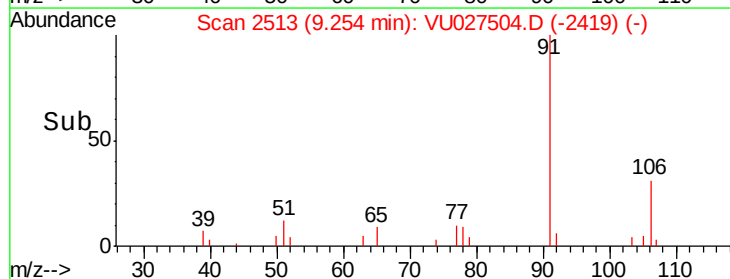
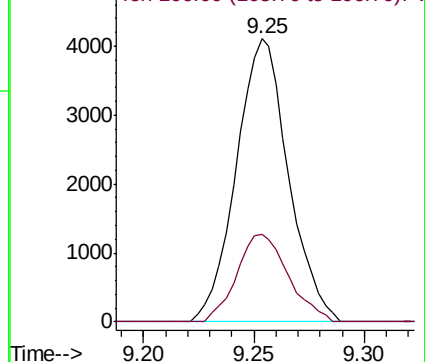
91 100

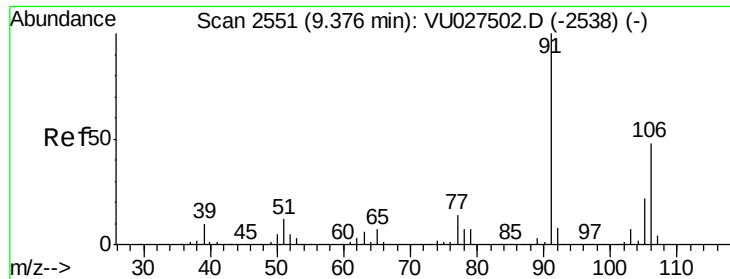
106 30.8 20.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 1.699 ug/L

RT: 9.38 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VU027504.D

Acq: 08 Oct 2018 17:15

Instrument :

MSVOA_U

ClientSampleId :

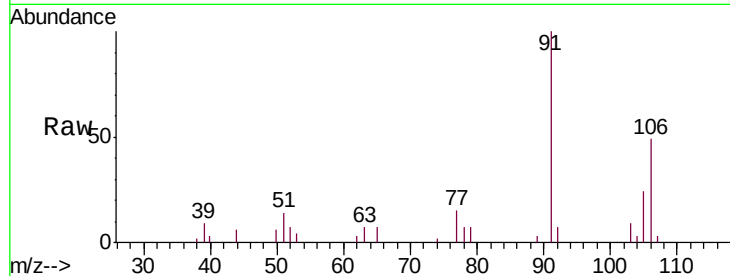
E62T7

Tgt Ion:106 Resp: 4059

Ion Ratio Lower Upper

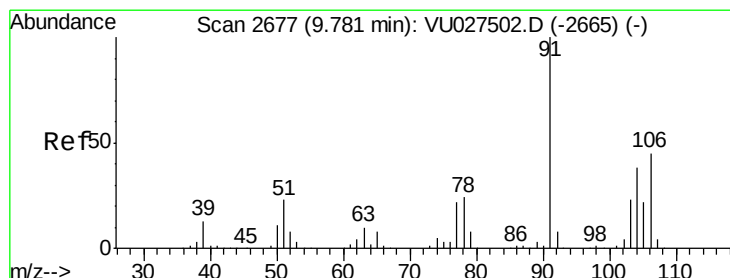
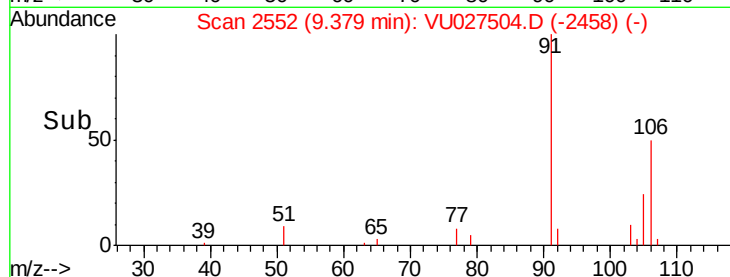
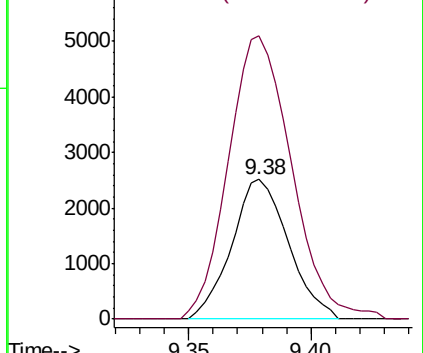
106 100

91 202.7 145.0 269.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 1.521 ug/L

RT: 9.78 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VU027504.D

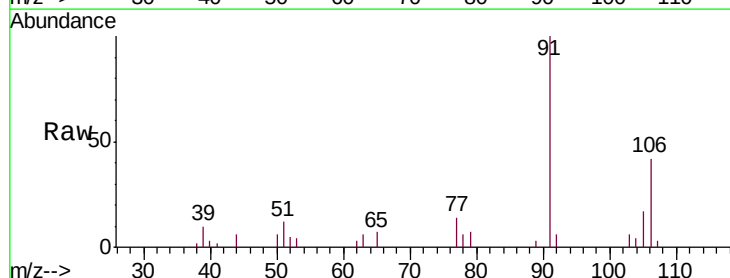
Acq: 08 Oct 2018 17:15

Tgt Ion:106 Resp: 3501

Ion Ratio Lower Upper

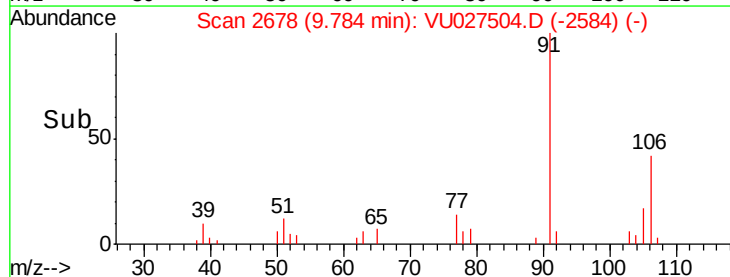
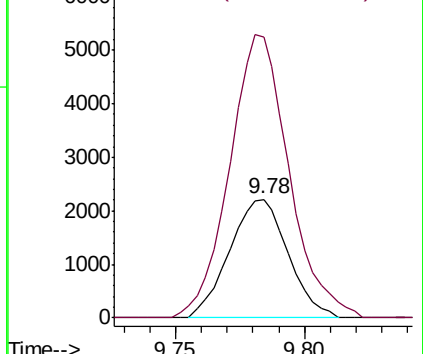
106 100

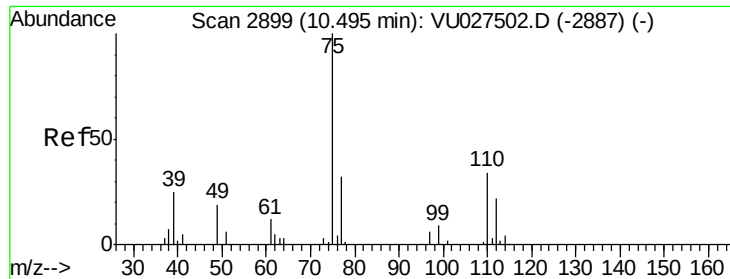
91 236.7 154.8 287.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

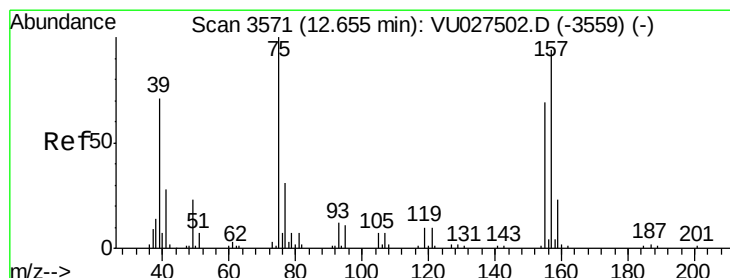
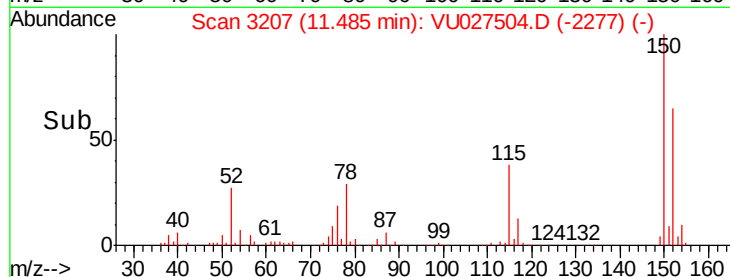
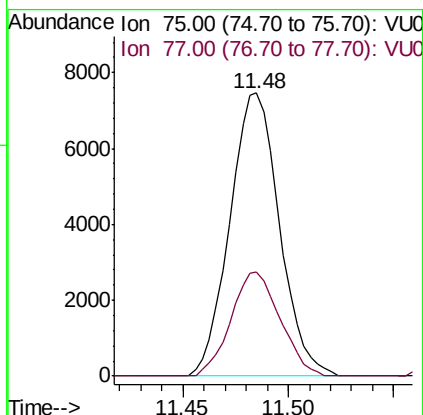
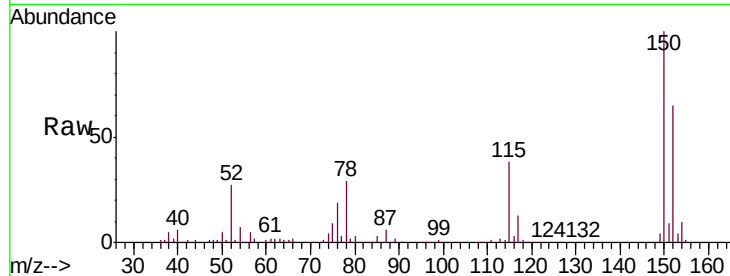




#59
 1,2,3-Trichloropropane
 Concen: 6.338 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027504.D
 Acq: 08 Oct 2018 17:15

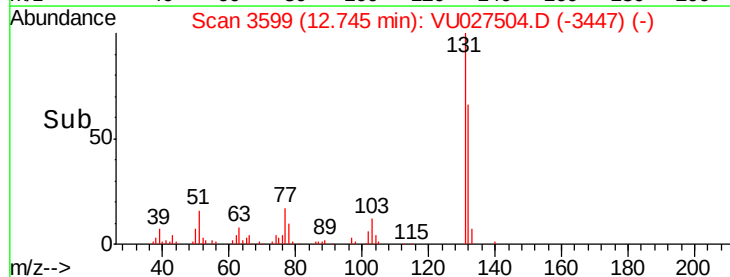
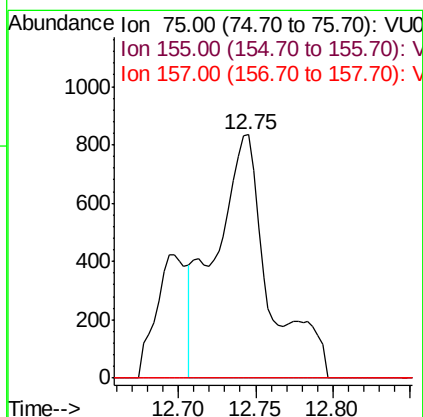
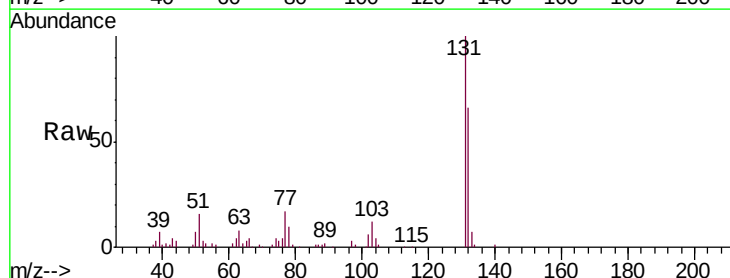
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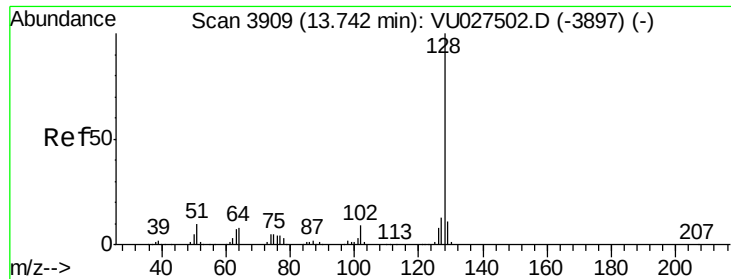
Tgt Ion: 75 Resp: 12181
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.7 38.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.937 ug/L
 RT: 12.75 min Scan# 3599
 Delta R.T. 0.09 min
 Lab File: VU027504.D
 Acq: 08 Oct 2018 17:15

Tgt Ion: 75 Resp: 1997
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.0 91.6#
 157 0.0 77.8 116.8#





#69

Naphthalene

Concen: 3.647 ug/L

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027504.D

Acq: 08 Oct 2018 17:15

Instrument :

MSVOA_U

ClientSampleId :

E62T7

Tgt Ion:128 Resp: 21472

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.2 8.6 12.8

