

Data File : VU027500.D
Acq On : 08 Oct 2018 15:15
Operator : MD/SY
Sample : J5298-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62T5

Quant Time: Oct 09 04:57:04 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	186576	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	179538	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87149	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59942	40.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.64%
7) Chloroethane-d5	1.68	69	50799	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.82%
11) 1,1-Dichloroethene-d2	2.27	63	86285	31.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.66%
21) 2-Butanone-d5	4.18	46	131028	110.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.54%
24) Chloroform-d	4.65	84	116660	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.34%
26) 1,2-Dichloroethane-d4	5.31	65	83253	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.18%
32) Benzene-d6	5.34	84	233594	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.33	67	84349	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.72%
41) Toluene-d8	7.57	98	195378	42.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.96%
43) trans-1,3-Dichloropropene-	7.85	79	37880	44.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.20%
47) 2-Hexanone-d5	8.31	63	92661	104.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.09%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114517	49.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	78857	46.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.50%

Target Compounds

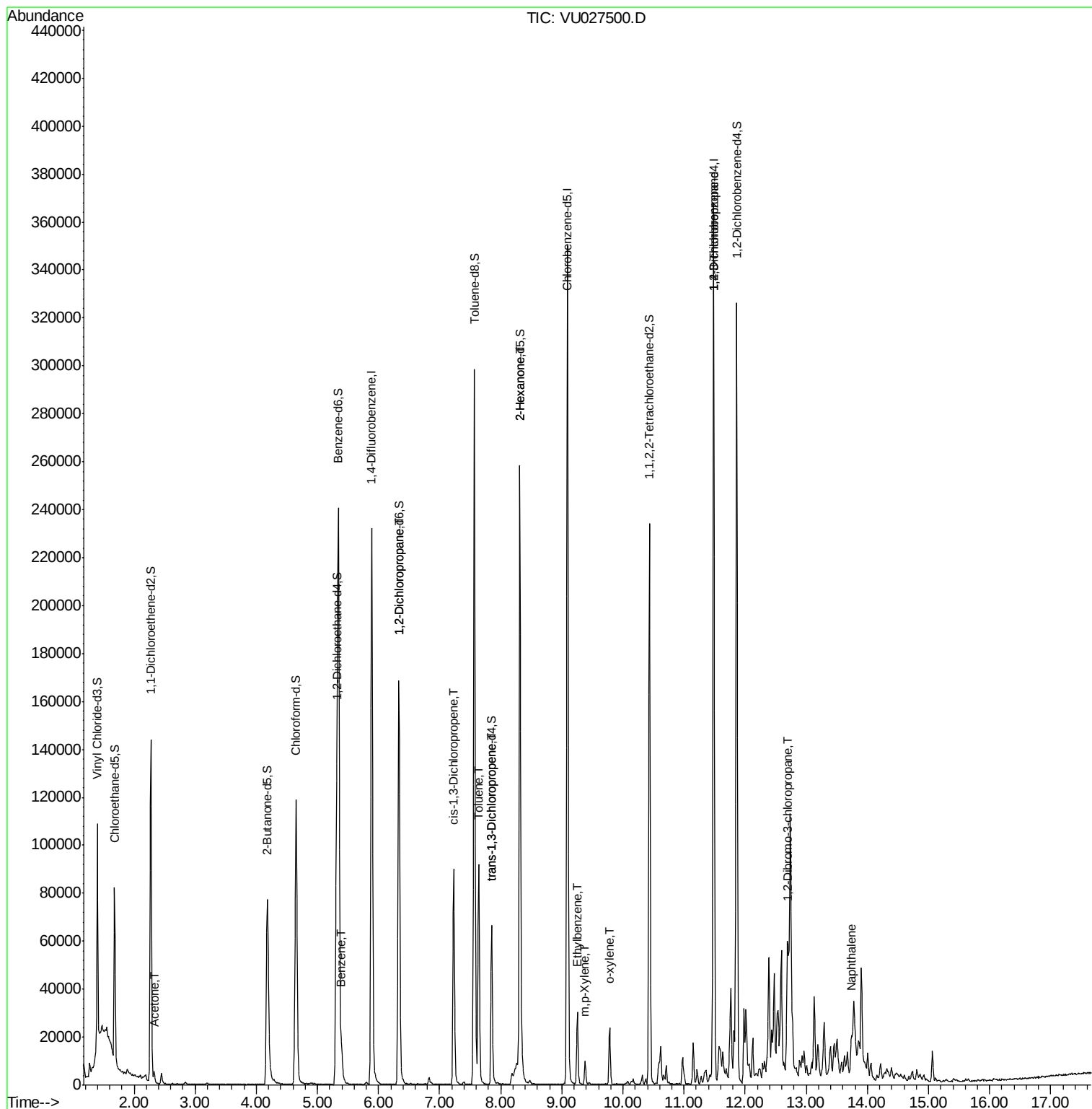
					Qvalue
13) Acetone	2.33	43	3619	3.722 ug/L	91
33) Benzene	5.39	78	12053	2.043 ug/L	100
37) 1,2-Dichloropropane	6.33	63	9033	5.285 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2079	0.828 ug/L #	71
42) Toluene	7.64	91	64267	10.856 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	1429	0.613 ug/L	84
48) 2-Hexanone	8.31	43	11137	5.635 ug/L #	67
52) Ethylbenzene	9.25	91	21179	3.222 ug/L	99
53) m,p-Xylene	9.38	106	2663	1.107 ug/L	99
54) o-xylene	9.78	106	5887	2.540 ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	12304	6.358 ug/L	90
66) 1,2-Dibromo-3-chloropropan	12.71	75	1351	2.639 ug/L #	6
69) Naphthalene	13.75	128	2772	0.466 ug/L	97

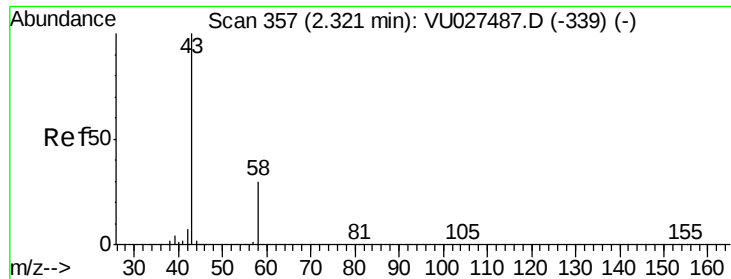
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.722 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU027500.D

Acq: 08 Oct 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

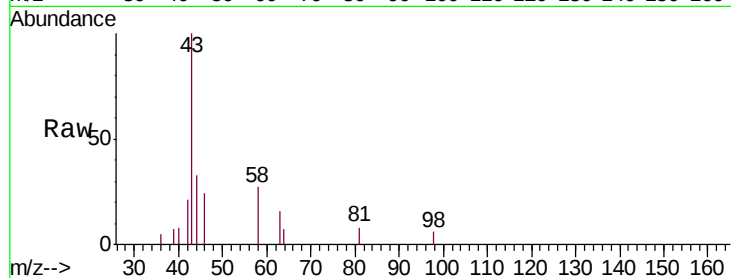
E62T5

Tgt Ion: 43 Resp: 3619

Ion Ratio Lower Upper

43 100

58 25.7 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2500

2000

1500

1000

500

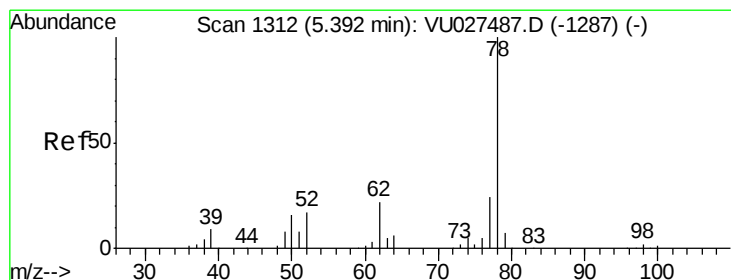
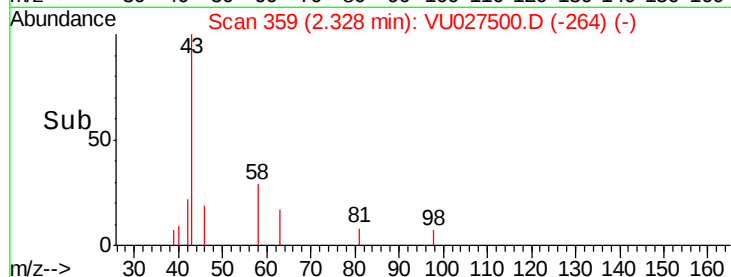
0

2.30

2.33

2.35

Time-->



#33

Benzene

Concen: 2.043 ug/L

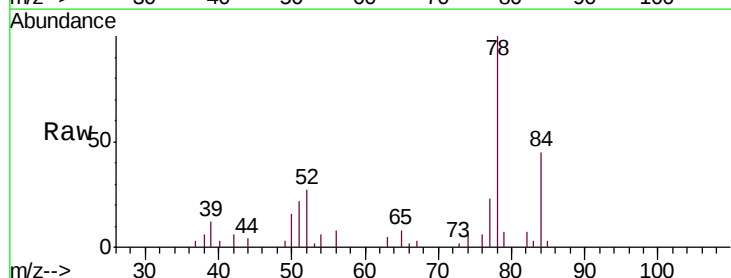
RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027500.D

Acq: 08 Oct 2018 15:15

Tgt Ion: 78 Resp: 12053



Abundance Ion 78.00 (77.70 to 78.70): VU0

6000

5000

4000

3000

2000

1000

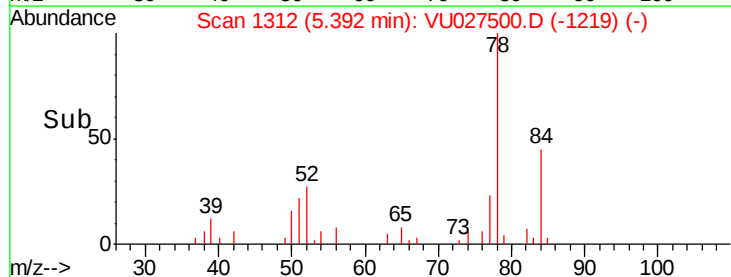
0

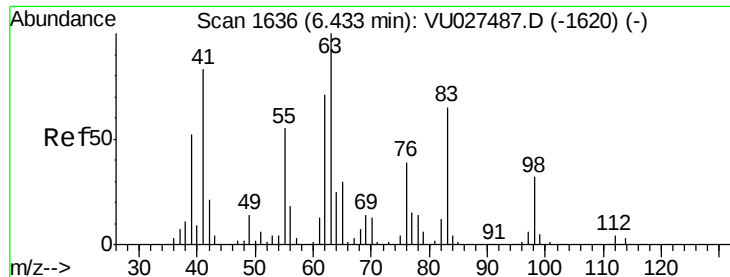
5.35

5.40

5.45

Time-->

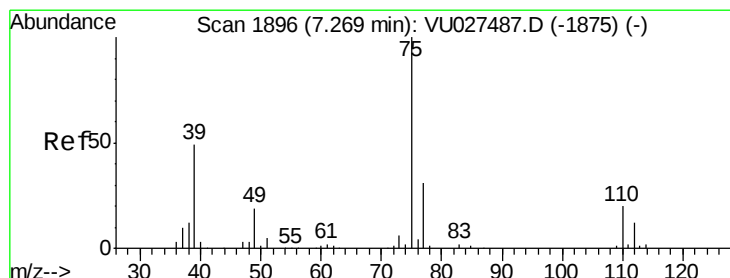
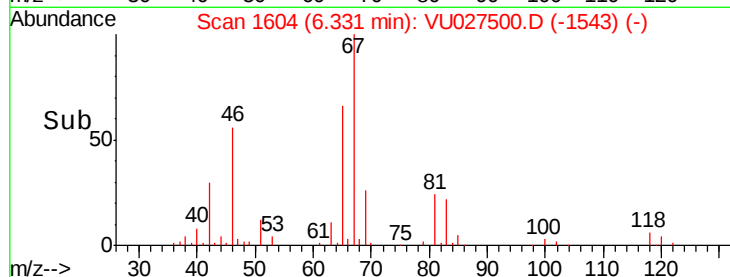
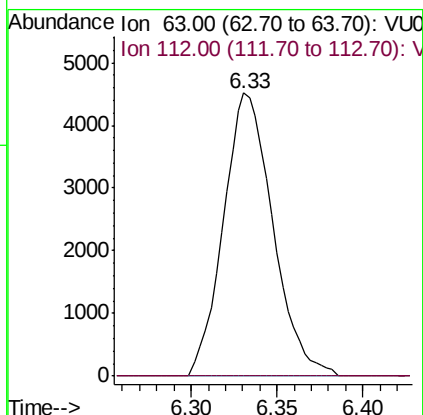
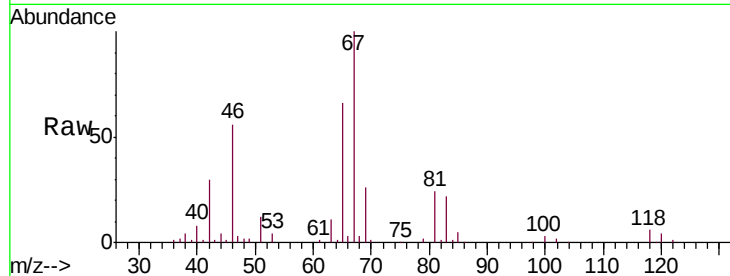




#37
 1,2-Dichloropropane
 Concen: 5.285 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027500.D
 Acq: 08 Oct 2018 15:15

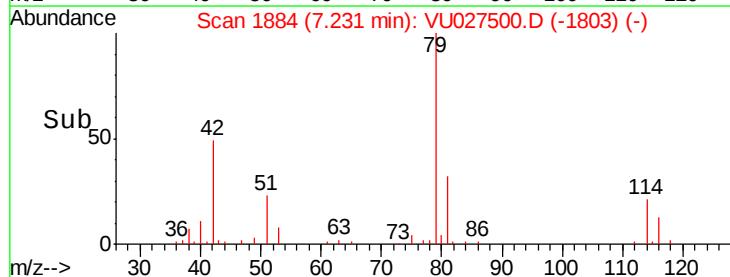
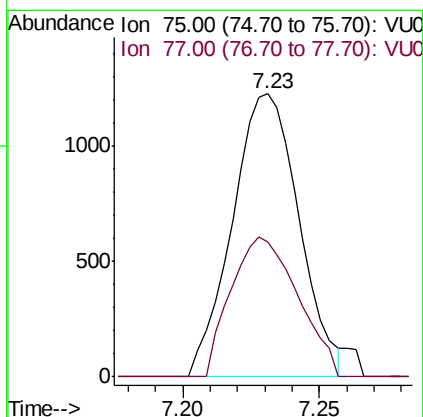
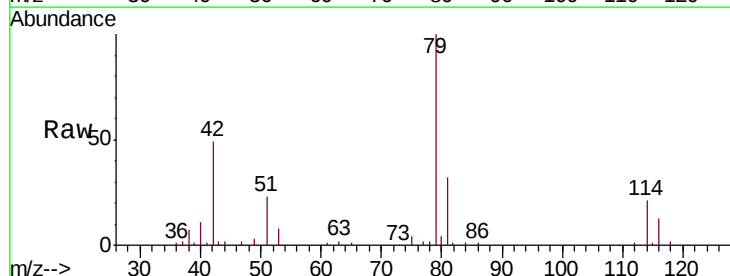
Instrument :
 MSVOA_U
 ClientSampleId :
 E62T5

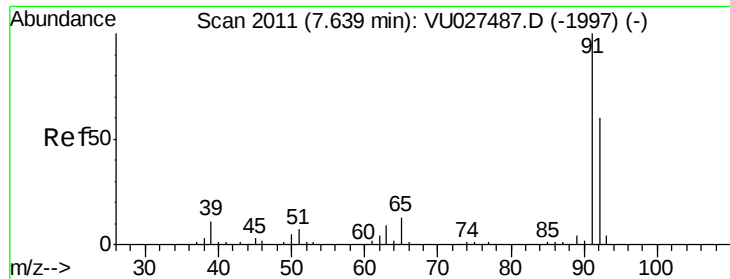
Tgt Ion: 63 Resp: 9033
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.828 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027500.D
 Acq: 08 Oct 2018 15:15

Tgt Ion: 75 Resp: 2079
 Ion Ratio Lower Upper
 75 100
 77 47.6 22.1 41.1#





#42

Toluene

Concen: 10.856 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027500.D

Acq: 08 Oct 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

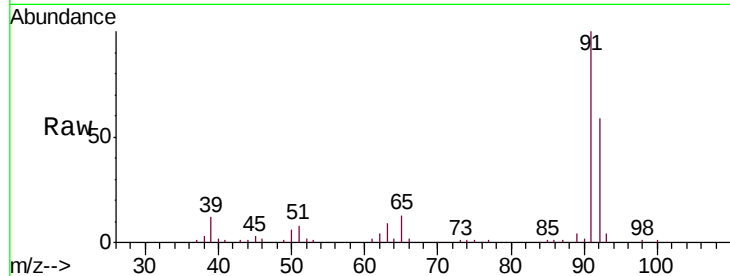
E62T5

Tgt Ion: 91 Resp: 64267

Ion Ratio Lower Upper

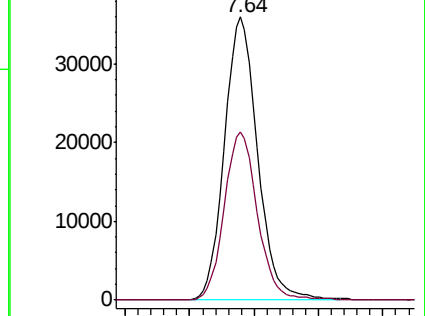
91 100

92 59.4 40.2 74.6

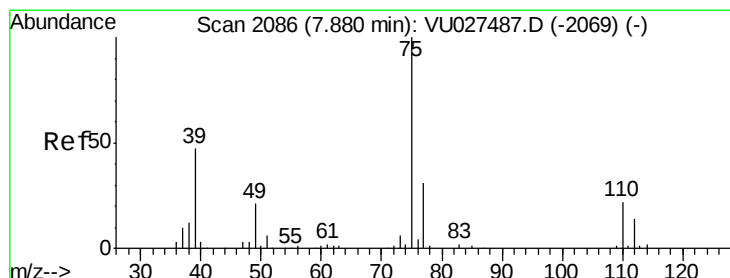
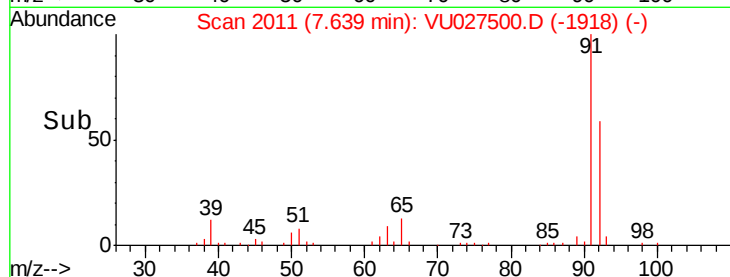


Abundance Ion 91.00 (90.70 to 91.70): VU027487.D (-1997) (-)

Ion 92.00 (91.70 to 92.70): VU027500.D (-1918) (-)



Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.613 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU027500.D

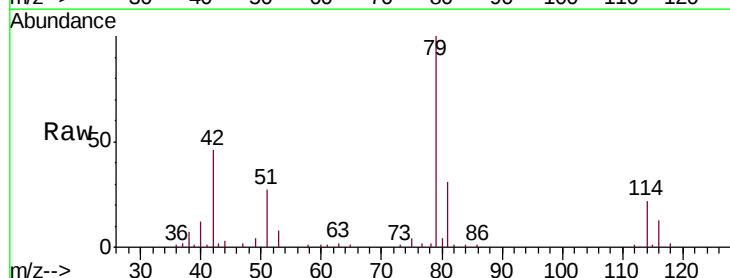
Acq: 08 Oct 2018 15:15

Tgt Ion: 75 Resp: 1429

Ion Ratio Lower Upper

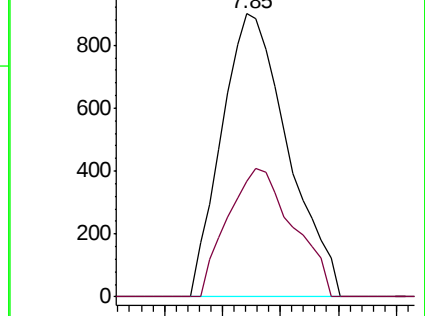
75 100

77 40.8 22.2 41.2

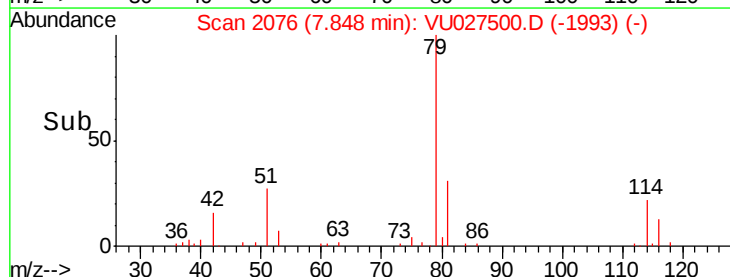


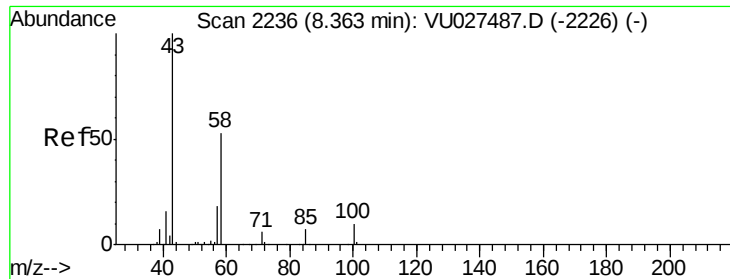
Abundance Ion 75.00 (74.70 to 75.70): VU027487.D (-2069) (-)

Ion 77.00 (76.70 to 77.70): VU027500.D (-1993) (-)



Time-->

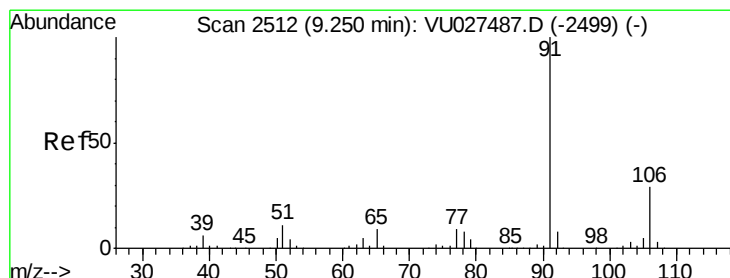
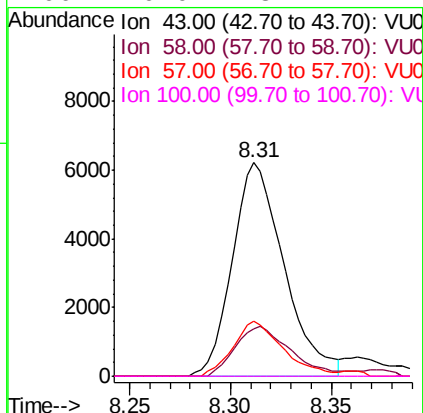
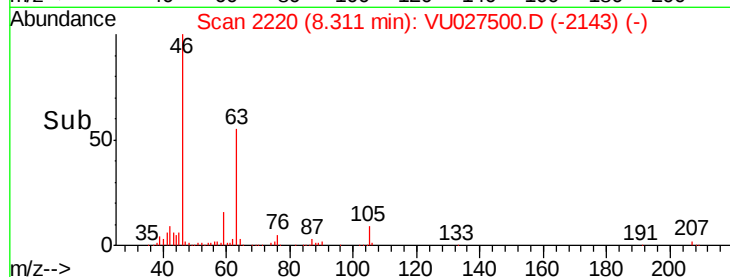
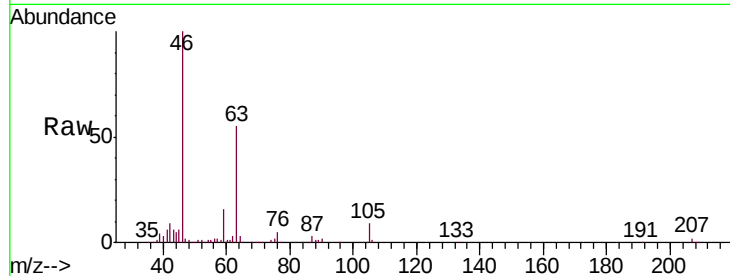




#48
2-Hexanone
Concen: 5.635 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU027500.D
Acq: 08 Oct 2018 15:15

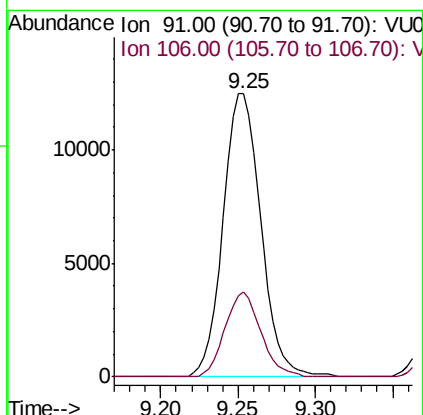
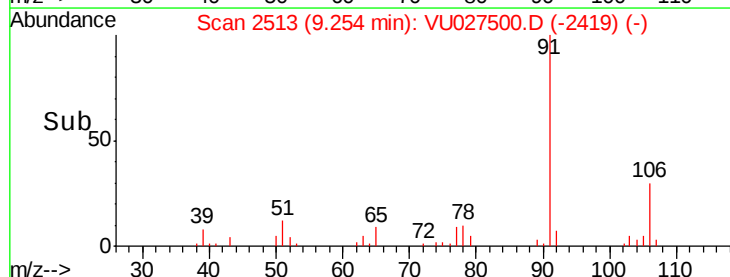
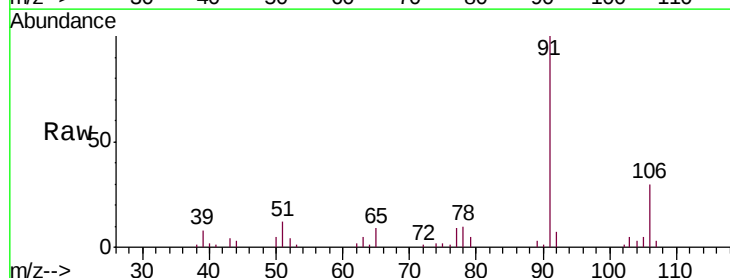
Instrument :
MSVOA_U
ClientSampleId :
E62T5

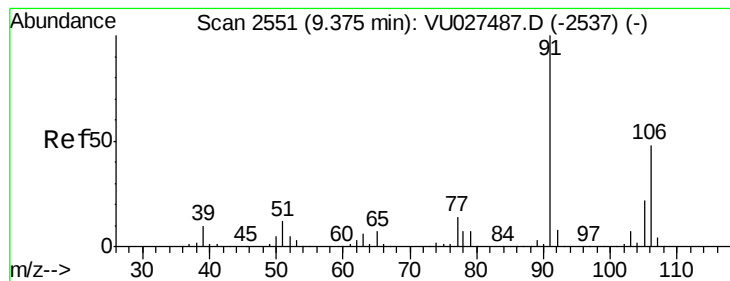
Tgt Ion: 43 Resp: 11137
Ion Ratio Lower Upper
43 100
58 25.0 42.7 64.1#
57 25.0 14.5 21.7#
100 0.0 8.2 12.2#



#52
Ethylbenzene
Concen: 3.222 ug/L
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027500.D
Acq: 08 Oct 2018 15:15

Tgt Ion: 91 Resp: 21179
Ion Ratio Lower Upper
91 100
106 29.9 20.6 38.4





#53

m,p-Xylene

Concen: 1.107 ug/L

RT: 9.38 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VU027500.D

Acq: 08 Oct 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

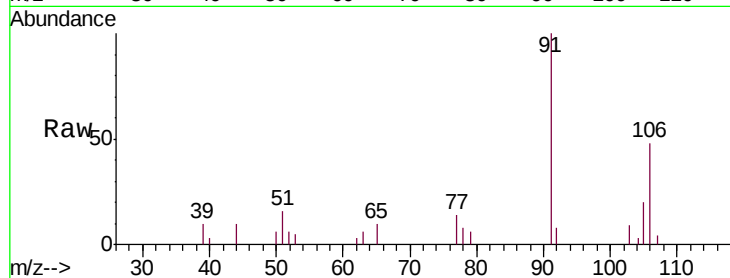
E62T5

Tgt Ion:106 Resp: 2663

Ion Ratio Lower Upper

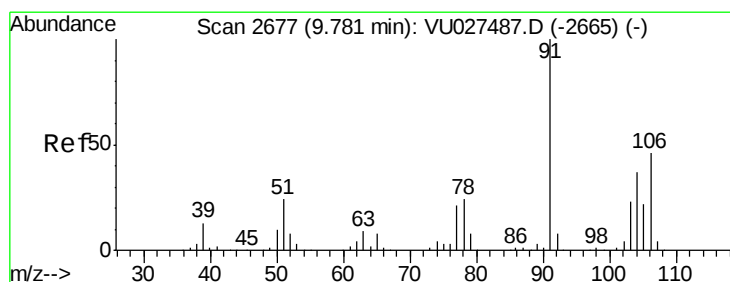
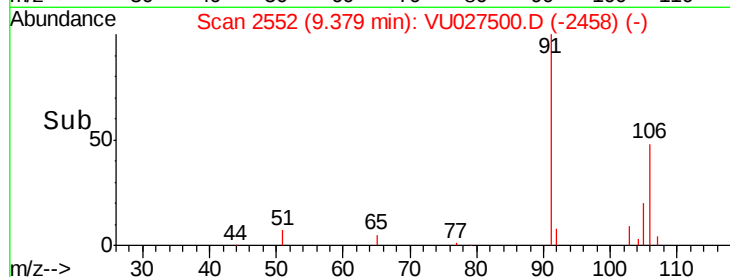
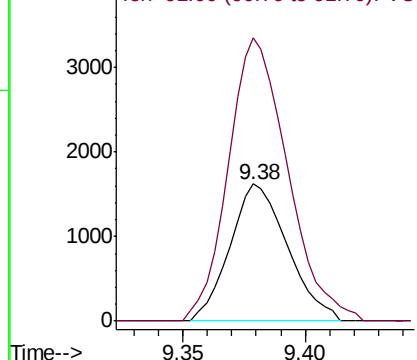
106 100

91 206.2 145.0 269.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 2.540 ug/L

RT: 9.78 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VU027500.D

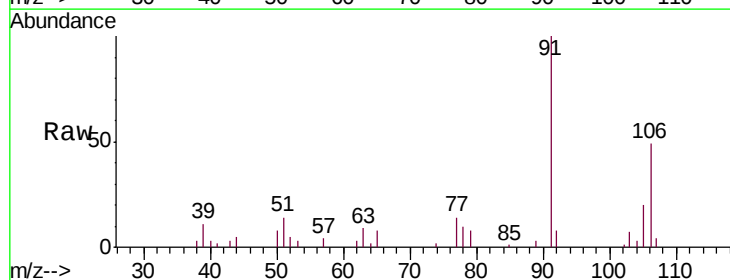
Acq: 08 Oct 2018 15:15

Tgt Ion:106 Resp: 5887

Ion Ratio Lower Upper

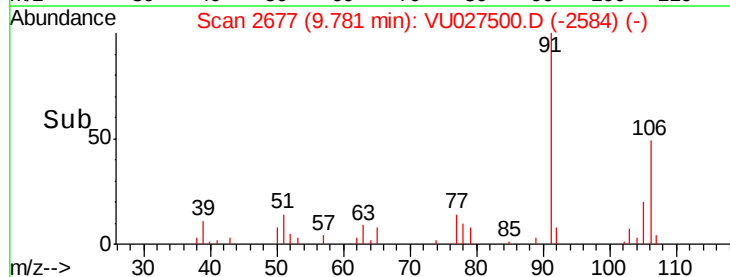
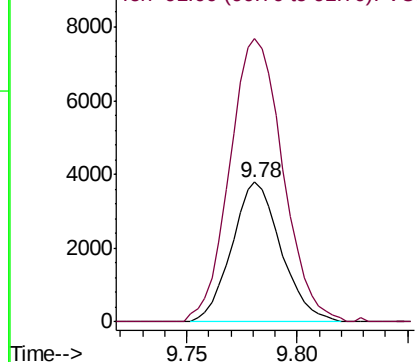
106 100

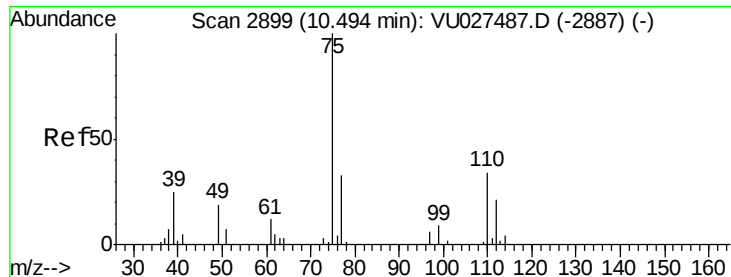
91 202.6 154.8 287.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

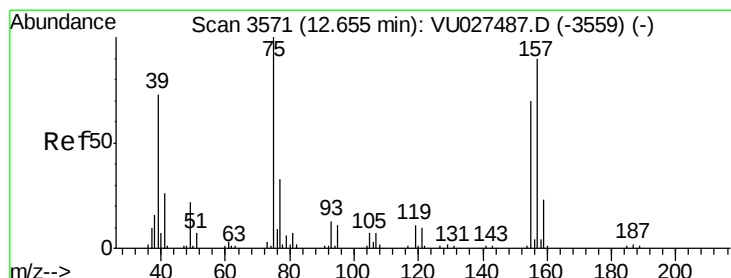
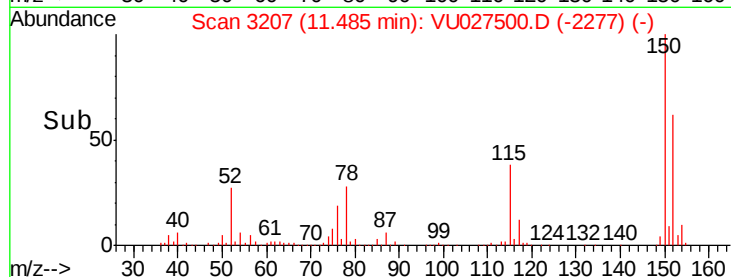
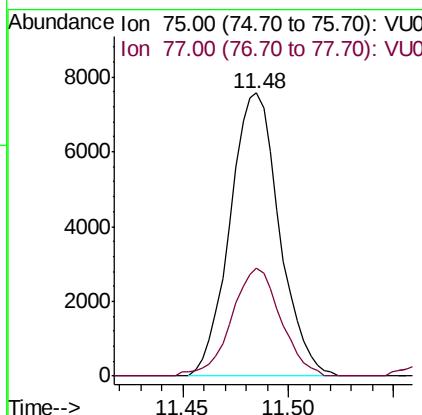
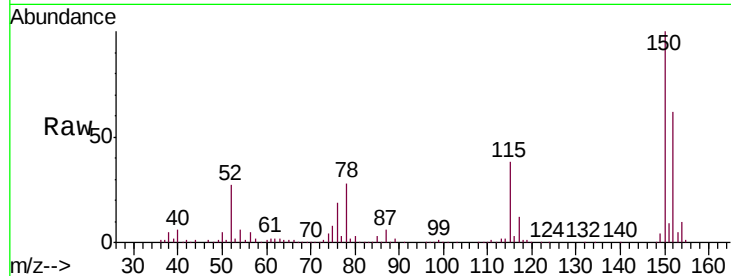




#59
 1,2,3-Trichloropropane
 Concen: 6.358 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027500.D
 Acq: 08 Oct 2018 15:15

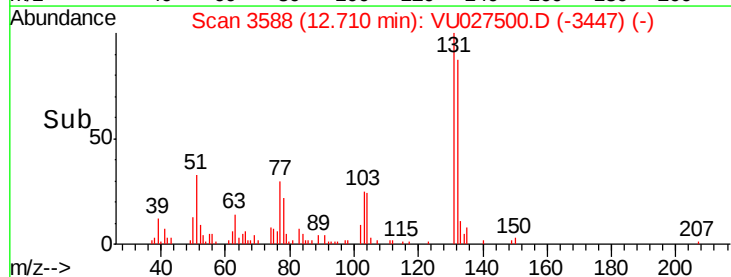
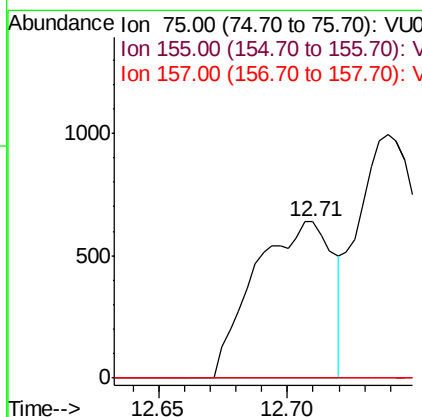
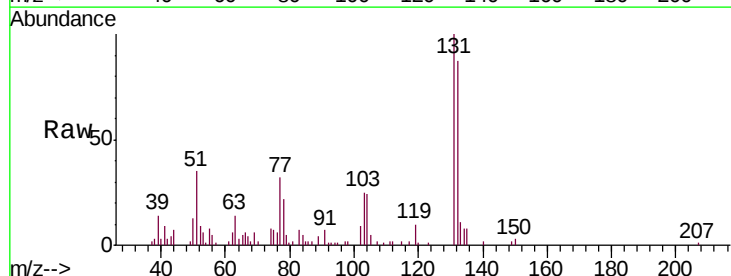
Instrument :
 MSVOA_U
 ClientSampleId :
 E62T5

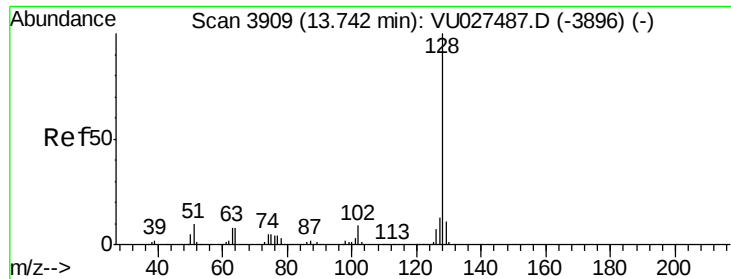
Tgt Ion: 75 Resp: 12304
 Ion Ratio Lower Upper
 75 100
 77 37.9 25.7 38.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.639 ug/L
 RT: 12.71 min Scan# 3588
 Delta R.T. 0.05 min
 Lab File: VU027500.D
 Acq: 08 Oct 2018 15:15

Tgt Ion: 75 Resp: 1351
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.0 91.6#
 157 0.0 77.8 116.8#





#69

Naphthalene

Concen: 0.466 ug/L

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027500.D

Acq: 08 Oct 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

E62T5

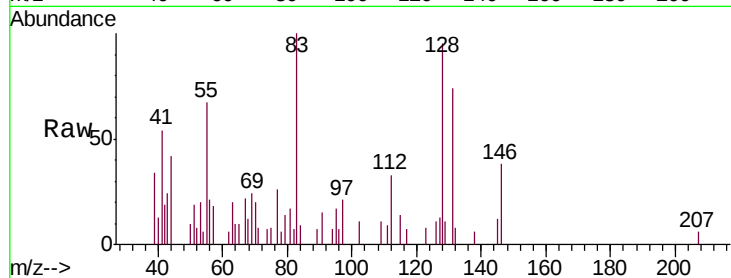
Tgt Ion:128 Resp: 2772

Ion Ratio Lower Upper

128 100

127 14.6 10.4 15.6

129 11.2 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

