

Data File : VU028944.D
Acq On : 24 Dec 2018 13:54
Operator : MD/SY
Sample : J6542-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9F77

Quant Time: Dec 25 00:07:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 25 00:02:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	256556	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	239988	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111986	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76754	37.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.64%
7) Chloroethane-d5	1.67	69	69936	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.04%
11) 1,1-Dichloroethene-d2	2.27	63	112945	32.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.30%
21) 2-Butanone-d5	4.17	46	131075	90.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.96%
24) Chloroform-d	4.65	84	152296	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.18%
26) 1,2-Dichloroethane-d4	5.31	65	95219	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
32) Benzene-d6	5.34	84	335049	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
36) 1,2-Dichloropropane-d6	6.33	67	110866	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.26%
41) Toluene-d8	7.57	98	313008	50.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.90%
43) trans-1,3-Dichloropropene-	7.85	79	51365	49.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.54%
47) 2-Hexanone-d5	8.31	63	113431	103.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	154591	48.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	119640	52.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.64%

Target Compounds

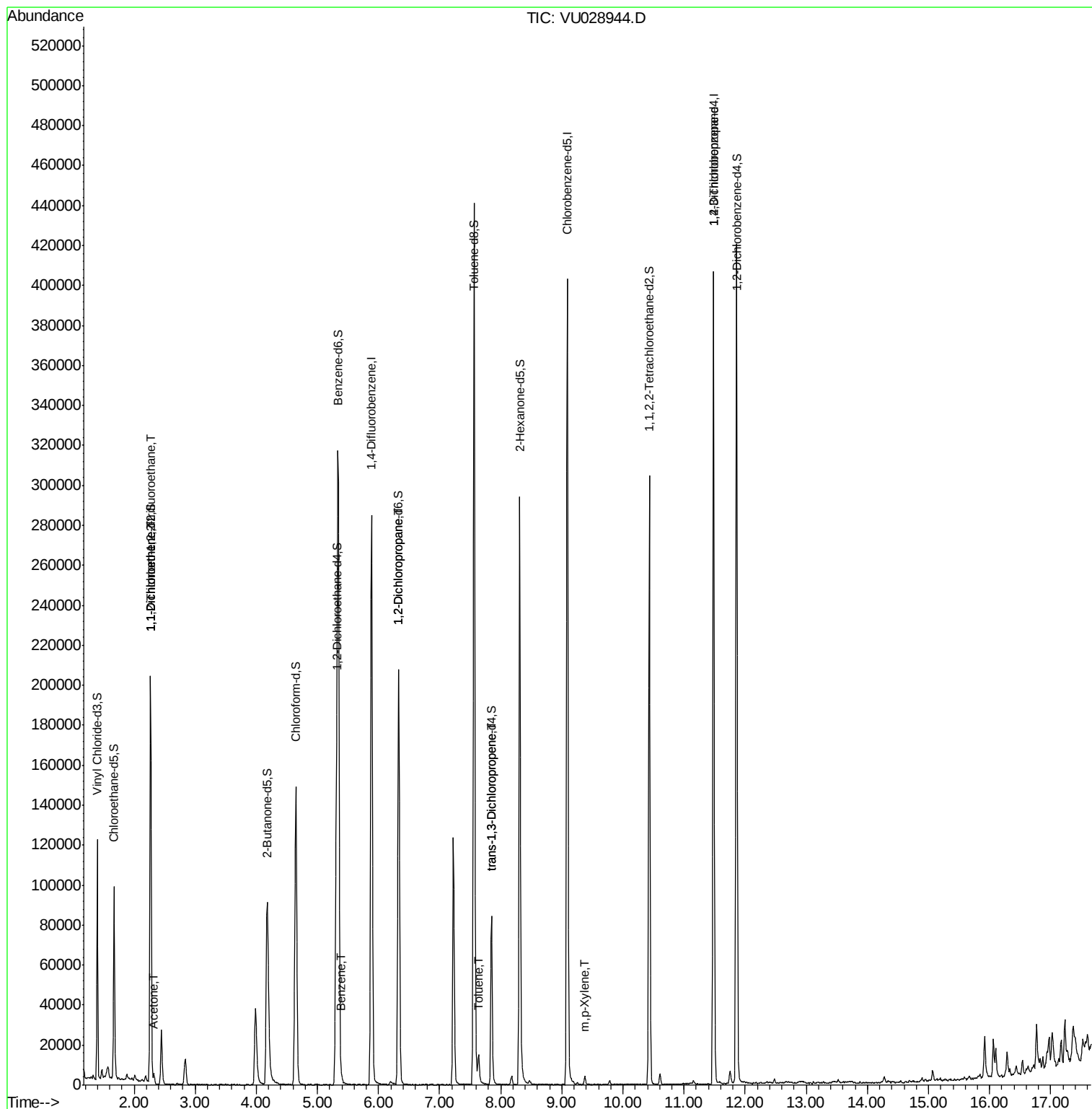
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1144	0.688 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	924	0.562 ug/L #	1
13) Acetone	2.32	43	4394	2.992 ug/L	97
33) Benzene	5.39	78	3191	0.418 ug/L	100
37) 1,2-Dichloropropane	6.33	63	10756	5.036 ug/L #	90
42) Toluene	7.64	91	10228	1.321 ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	1954	0.720 ug/L	93
53) m,p-Xylene	9.37	106	1522	0.495 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	12457	4.888 ug/L	95

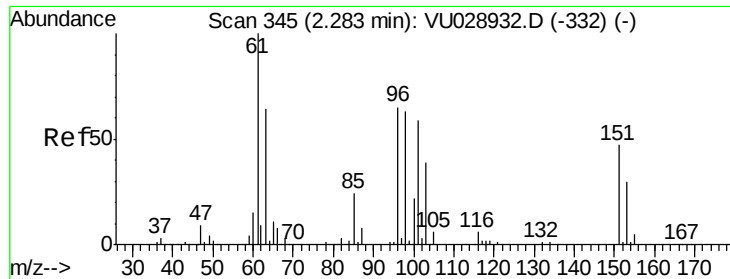
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.688 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028944.D

Acq: 24 Dec 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

F9F77

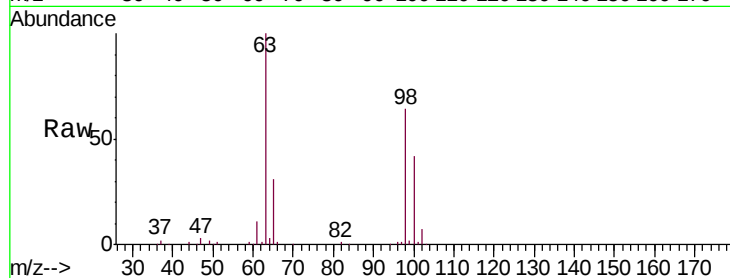
Tgt Ion:101 Resp: 1144

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 59.4 89.0#



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

2.27

600

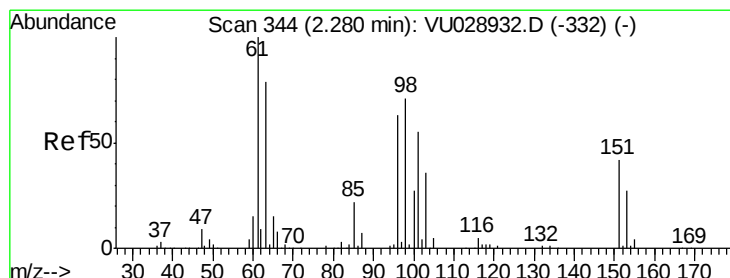
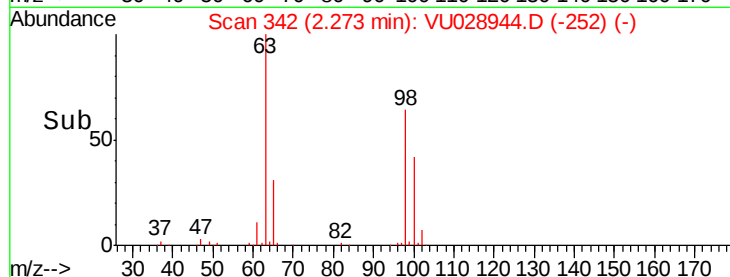
400

200

0

2.24 2.26 2.28 2.30

Time-->



#12

1,1-Dichloroethene

Concen: 0.562 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU028944.D

Acq: 24 Dec 2018 13:54

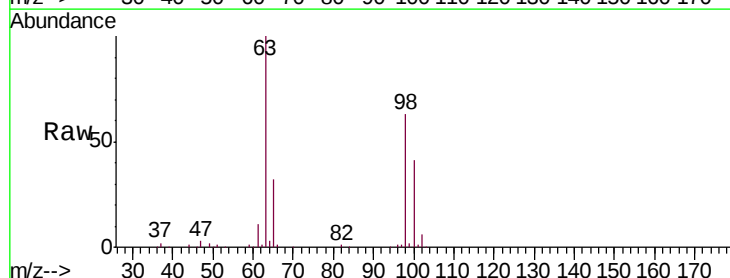
Tgt Ion: 96 Resp: 924

Ion Ratio Lower Upper

96 100

61 1363.6 119.3 221.5#

63 12349.9 107.4 199.6#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

100000

80000

60000

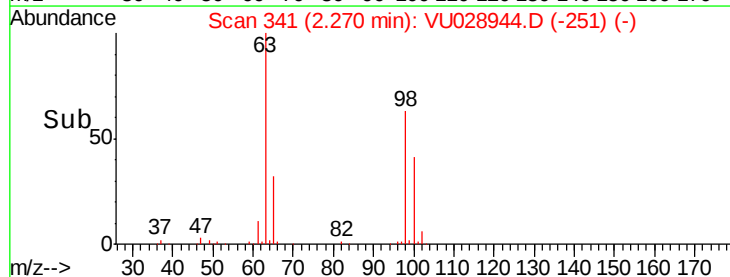
40000

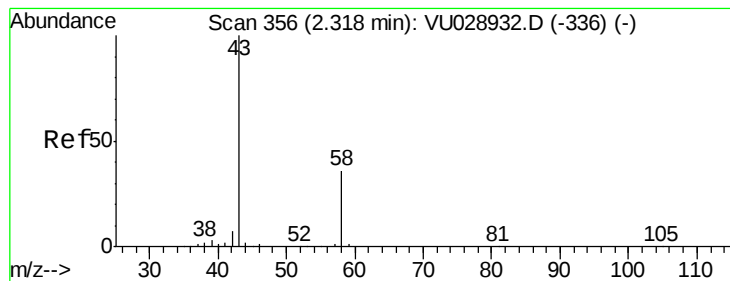
20000

0

2.24 2.26 2.28 2.30

Time-->





#13

Acetone

Concen: 2.992 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028944.D

Acq: 24 Dec 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

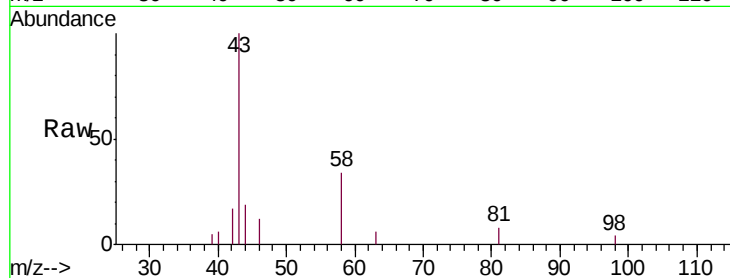
F9F77

Tgt Ion: 43 Resp: 4394

Ion Ratio Lower Upper

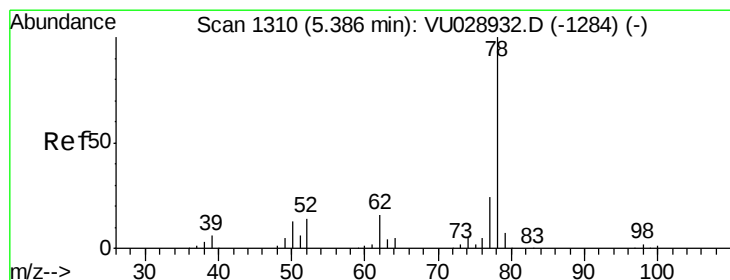
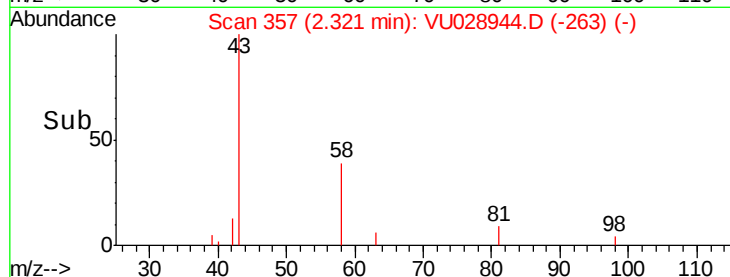
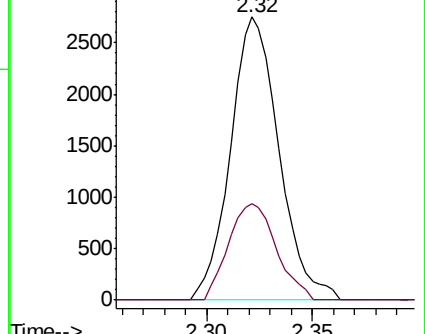
43 100

58 33.5 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU028932.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028932.D (-336) (-)



#33

Benzene

Concen: 0.418 ug/L

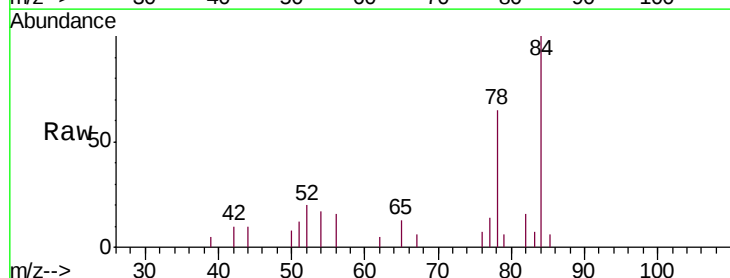
RT: 5.39 min Scan# 1311

Delta R.T. 0.00 min

Lab File: VU028944.D

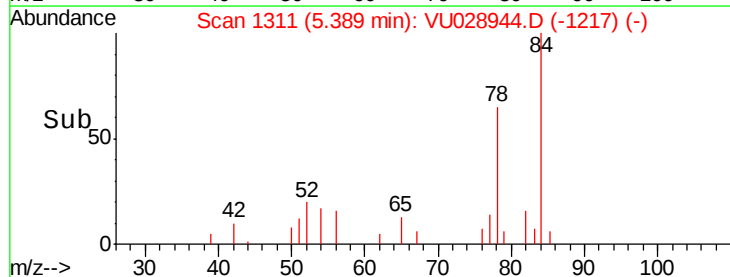
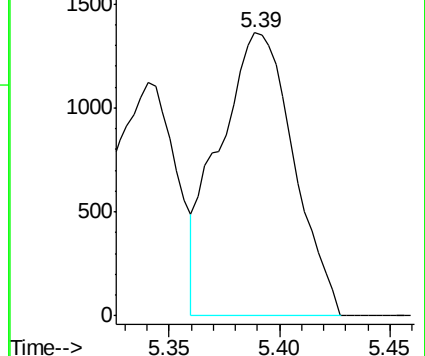
Acq: 24 Dec 2018 13:54

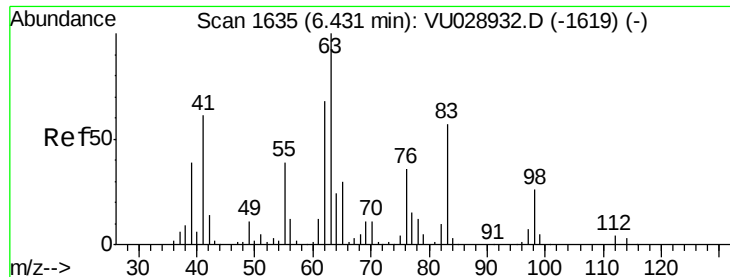
Tgt Ion: 78 Resp: 3191



Abundance Ion 78.00 (77.70 to 78.70): VU028932.D (-1284) (-)

Ion 84.00 (83.70 to 84.30): VU028932.D (-1284) (-)

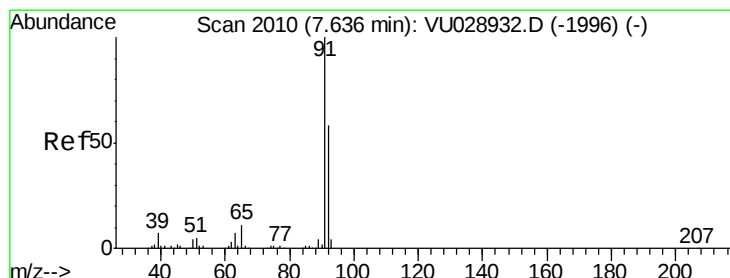
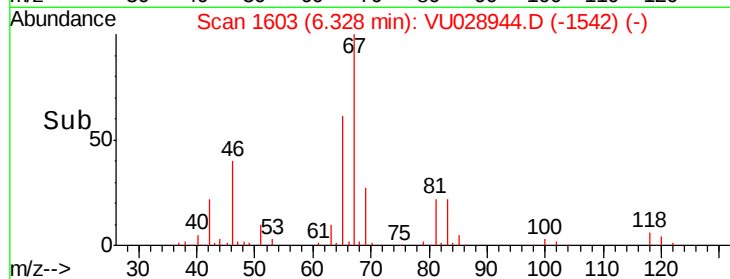
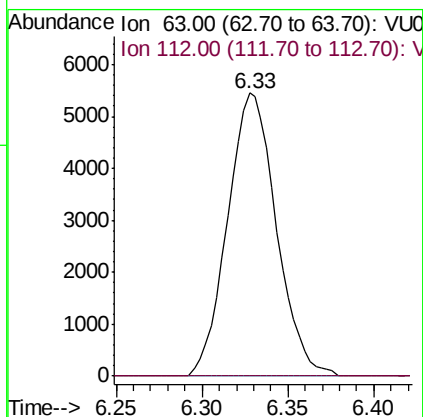
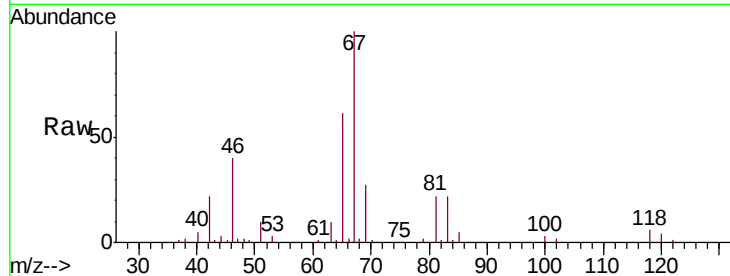




#37
 1,2-Dichloropropane
 Concen: 5.036 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.10 min
 Lab File: VU028944.D
 Acq: 24 Dec 2018 13:54

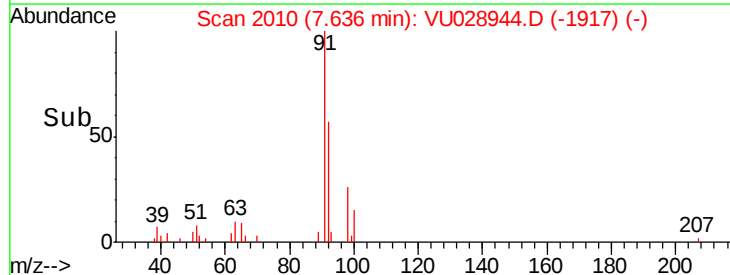
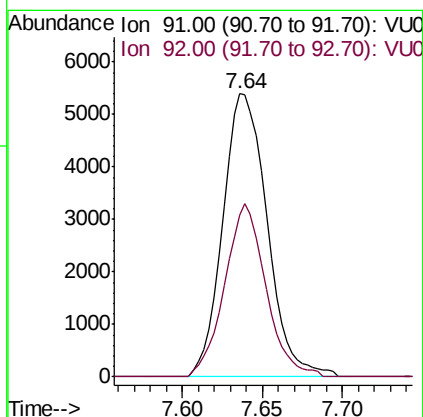
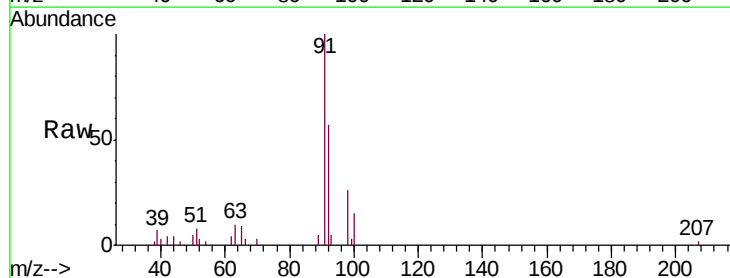
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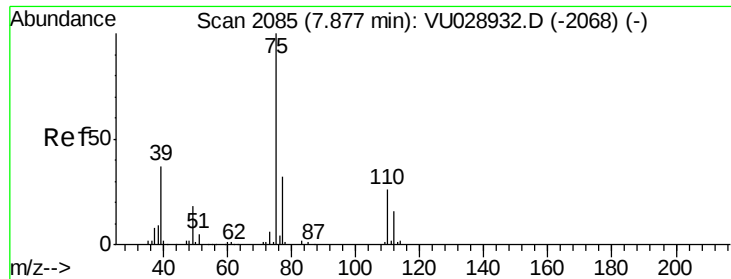
Tgt Ion: 63 Resp: 10756
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#42
 Toluene
 Concen: 1.321 ug/L
 RT: 7.64 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: VU028944.D
 Acq: 24 Dec 2018 13:54

Tgt Ion: 91 Resp: 10228
 Ion Ratio Lower Upper
 91 100
 92 57.1 39.9 74.1





#44

trans-1,3-Dichloropropene

Concen: 0.720 ug/L

RT: 7.85 min Scan# 2075

Delta R.T. -0.03 min

Lab File: VU028944.D

Acq: 24 Dec 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

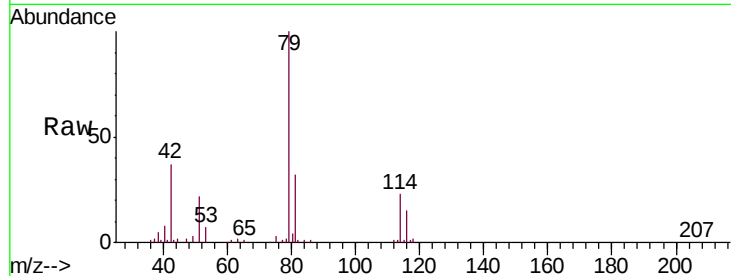
F9F77

Tgt Ion: 75 Resp: 1954

Ion Ratio Lower Upper

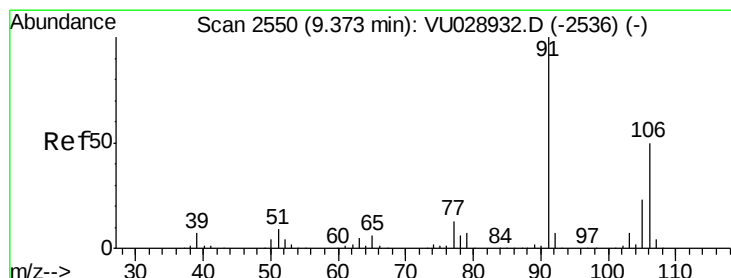
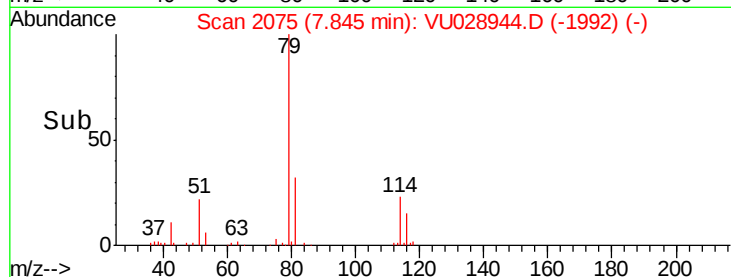
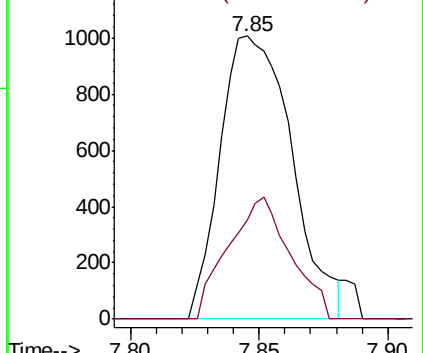
75 100

77 35.0 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VU028932.D (-2068) (-)

Ion 77.00 (76.70 to 77.70): VU028932.D (-2068) (-)



#53

m,p-Xylene

Concen: 0.495 ug/L

RT: 9.37 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VU028944.D

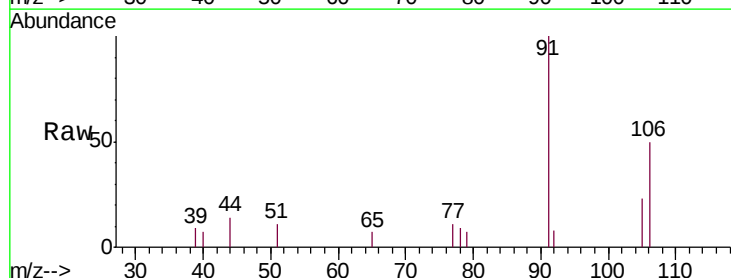
Acq: 24 Dec 2018 13:54

Tgt Ion: 106 Resp: 1522

Ion Ratio Lower Upper

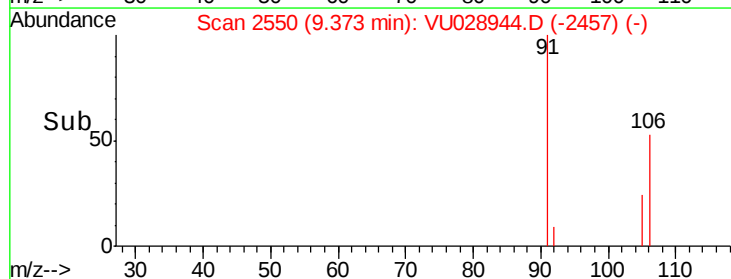
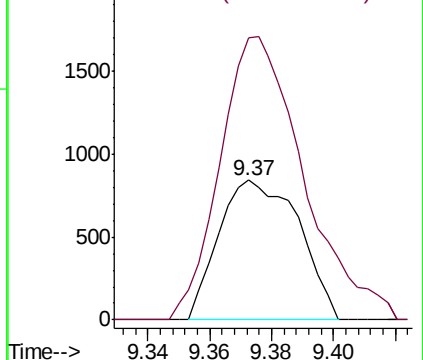
106 100

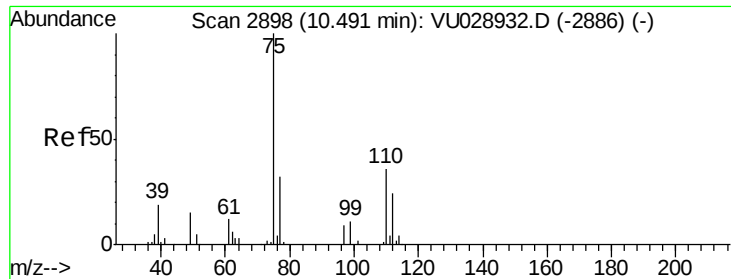
91 201.5 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): VU028932.D (-2536) (-)

Ion 91.00 (90.70 to 91.70): VU028932.D (-2536) (-)





#59

1,2,3-Trichloropropane

Concen: 4.888 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028944.D

Acq: 24 Dec 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

F9F77

Tgt Ion: 75 Resp: 12457

Ion Ratio Lower Upper

75 100

77 34.8 25.5 38.3

