

Data File : VU030496.D
Acq On : 27 Mar 2019 20:18
Operator : JC/SP
Sample : K2063-10DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6S3DL

Quant Time: Mar 28 02:49:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 02:45:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	432904	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	402612	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	168326	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	158171	45.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.80%
7) Chloroethane-d5	1.67	69	134398	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.34%
11) 1,1-Dichloroethene-d2	2.27	63	228507	34.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.16%
21) 2-Butanone-d5	4.17	46	326284	99.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.63%
24) Chloroform-d	4.64	84	283626	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
26) 1,2-Dichloroethane-d4	5.31	65	198697	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.18%
32) Benzene-d6	5.34	84	575523	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.70%
36) 1,2-Dichloropropane-d6	6.33	67	209035	52.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.84%
41) Toluene-d8	7.56	98	486569	46.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.84%
43) trans-1,3-Dichloropropene-	7.85	79	89725	48.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.60%
47) 2-Hexanone-d5	8.31	63	214618	100.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	283347	50.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	167670	49.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.42%

Target Compounds

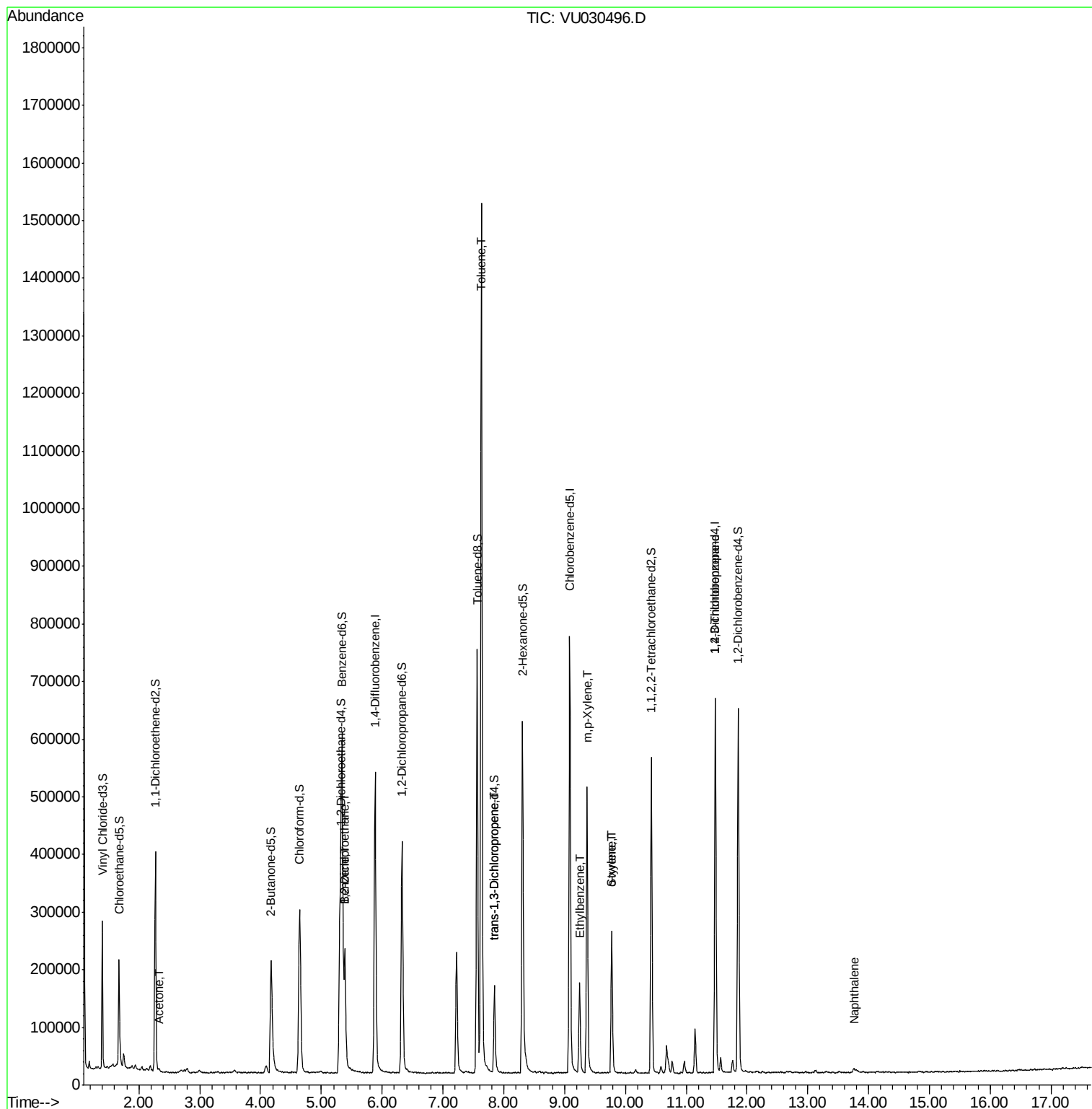
					Qvalue
13) Acetone	2.32	43	1602	0.484 ug/L	55
27) 1,2-Dichloroethane	5.39	62	2884	0.580 ug/L #	75
33) Benzene	5.39	78	202800	14.797 ug/L	100
42) Toluene	7.63	91	1094371	76.939 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3406	0.692 ug/L	99
52) Ethylbenzene	9.25	91	111616	7.244 ug/L	99
53) m,p-Xylene	9.37	106	137861	24.779 ug/L	100
54) o-xylene	9.77	106	64984	11.971 ug/L	99
55) Styrene	9.78	104	3975	0.425 ug/L #	1
59) 1,2,3-Trichloropropane	11.48	75	22845	4.826 ug/L	94
69) Naphthalene	13.76	128	6047	0.475 ug/L #	89

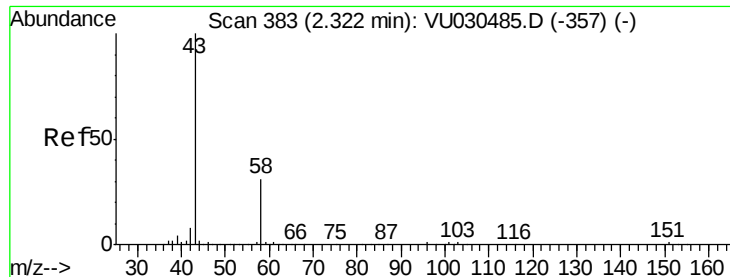
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.484 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU030496.D

Acq: 27 Mar 2019 20:18

Instrument :

MSVOA_U

ClientSampleId :

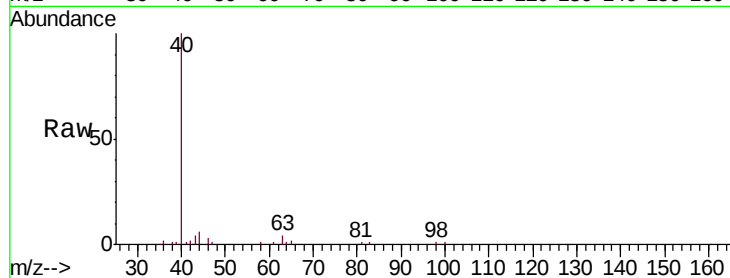
DB6S3DL

Tgt Ion: 43 Resp: 1602

Ion Ratio Lower Upper

43 100

58 6.3 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030485.D (-357) (-)

Ion 58.00 (57.70 to 58.70): VU030485.D (-357) (-)

2.32

800

600

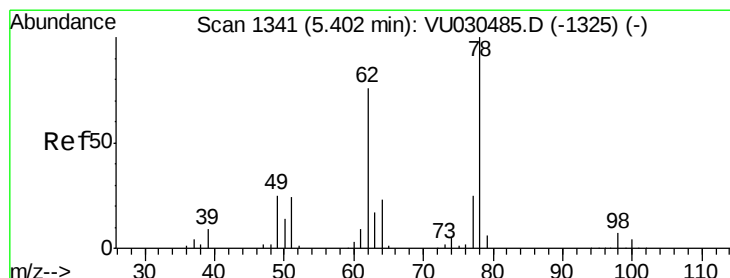
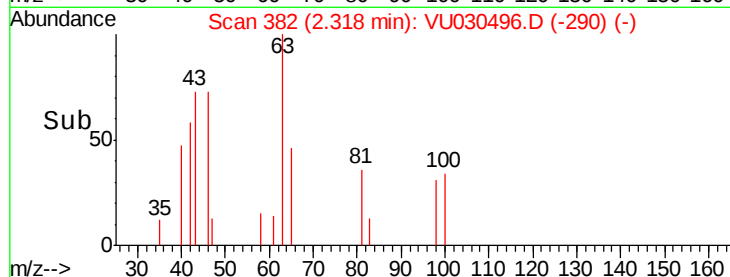
400

200

0

2.30 2.35

Time-->



#27

1,2-Dichloroethane

Concen: 0.580 ug/L

RT: 5.39 min Scan# 1338

Delta R.T. -0.01 min

Lab File: VU030496.D

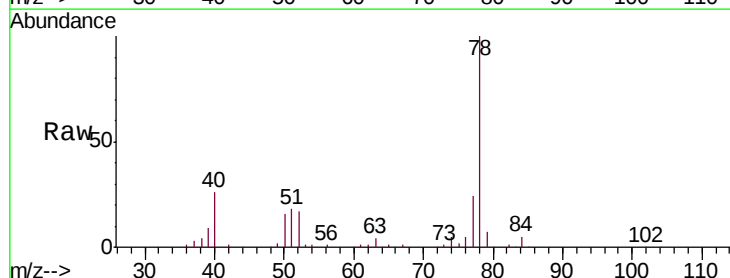
Acq: 27 Mar 2019 20:18

Tgt Ion: 62 Resp: 2884

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU030485.D (-1325) (-)

Ion 98.00 (97.70 to 98.70): VU030485.D (-1325) (-)

2000

1500

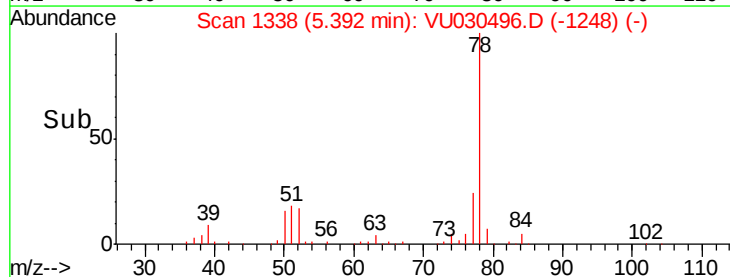
1000

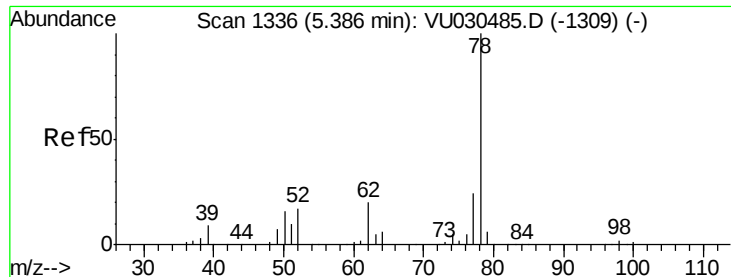
500

0

5.35 5.40 5.45

Time-->





#33

Benzene

Concen: 14.797 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU030496.D

Acq: 27 Mar 2019 20:18

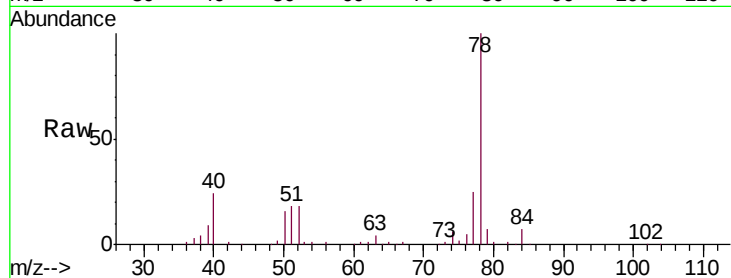
Instrument :

MSVOA_U

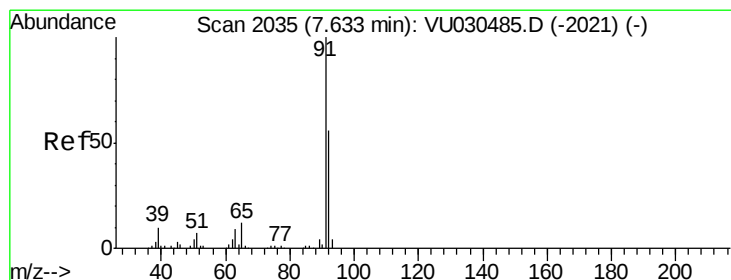
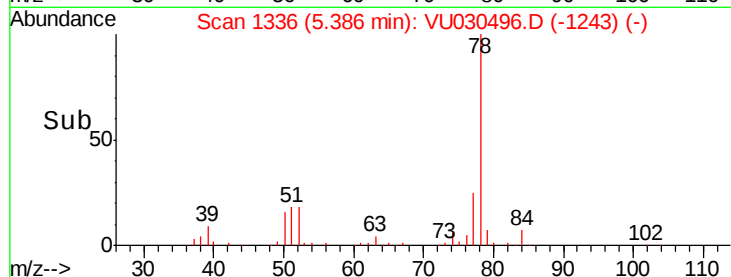
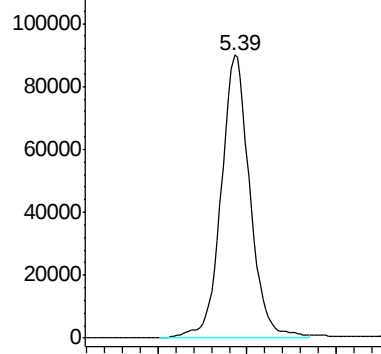
ClientSampleId :

DB6S3DL

Tgt Ion: 78 Resp: 202800



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 76.939 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU030496.D

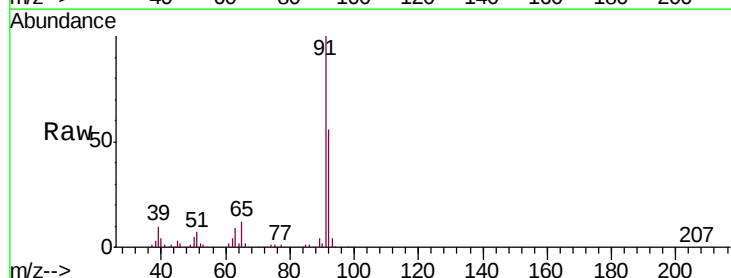
Acq: 27 Mar 2019 20:18

Tgt Ion: 91 Resp: 1094371

Ion Ratio Lower Upper

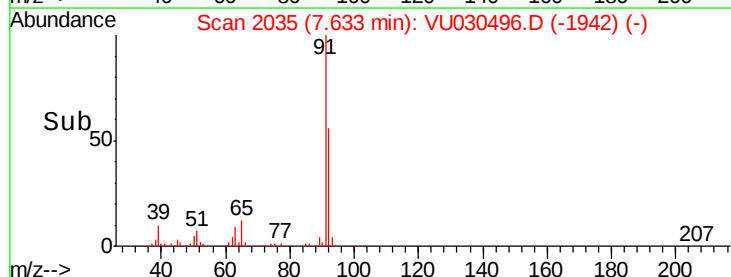
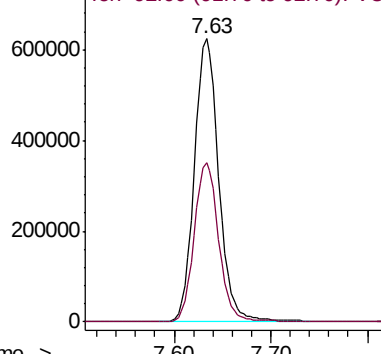
91 100

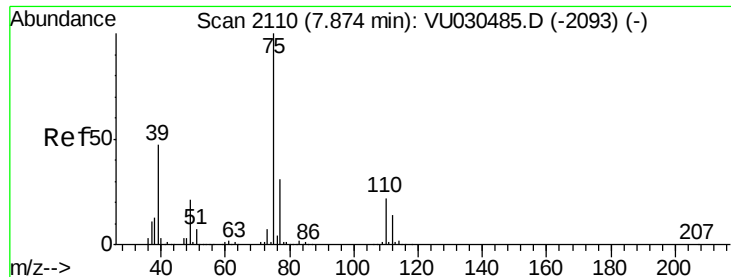
92 56.1 39.7 73.7



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: 0.692 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030496.D

Acq: 27 Mar 2019 20:18

Instrument :

MSVOA_U

ClientSampleId :

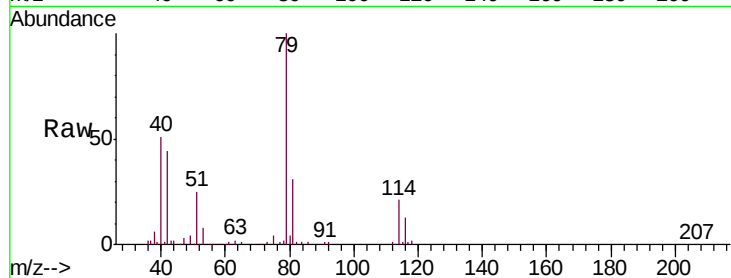
DB6S3DL

Tgt Ion: 75 Resp: 3406

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU030485.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU030485.D (-2093) (-)

7.85

2000

1500

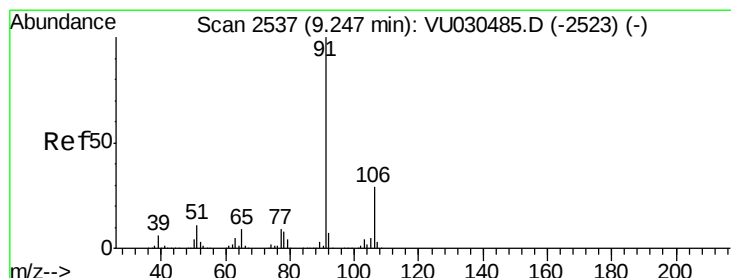
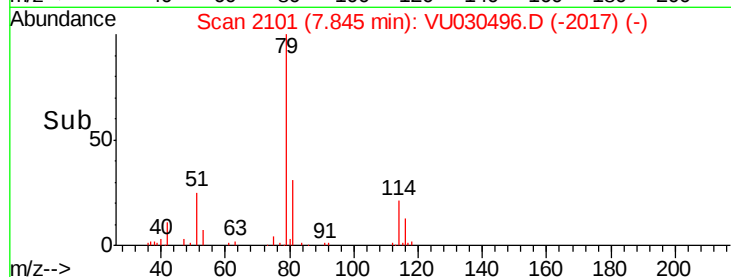
1000

500

0

7.80 7.85

Time-->



#52

Ethylbenzene

Concen: 7.244 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. -0.00 min

Lab File: VU030496.D

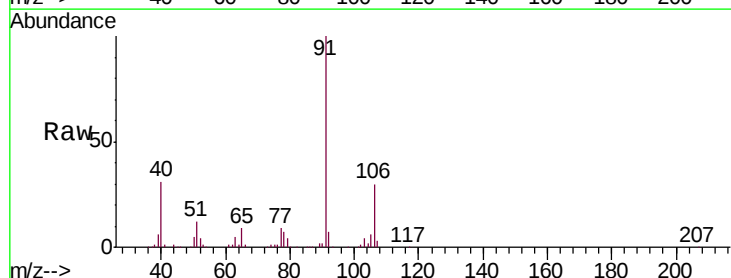
Acq: 27 Mar 2019 20:18

Tgt Ion: 91 Resp: 111616

Ion Ratio Lower Upper

91 100

106 30.0 20.6 38.2



Abundance Ion 91.00 (90.70 to 91.70): VU030485.D (-2523) (-)

Ion 106.00 (105.70 to 106.70): VU030485.D (-2523) (-)

9.25

200000

150000

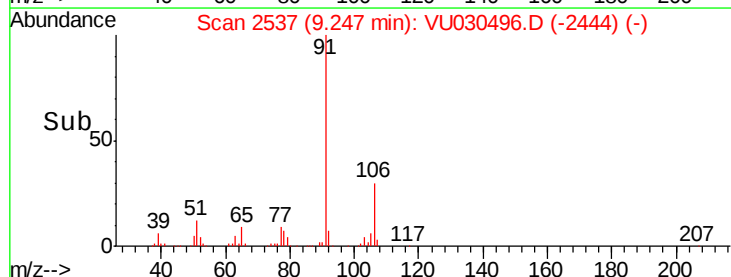
100000

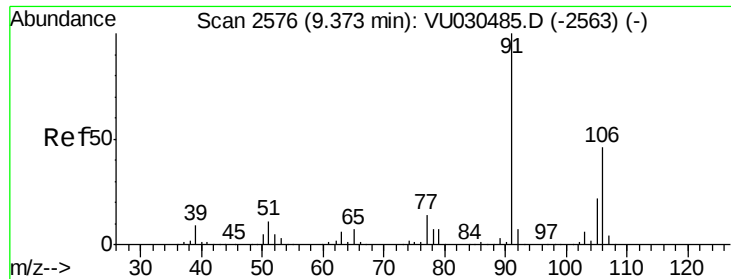
50000

0

9.20 9.25 9.30 9.35

Time-->





#53

m,p-Xylene

Concen: 24.779 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU030496.D

Acq: 27 Mar 2019 20:18

Instrument :

MSVOA_U

ClientSampleId :

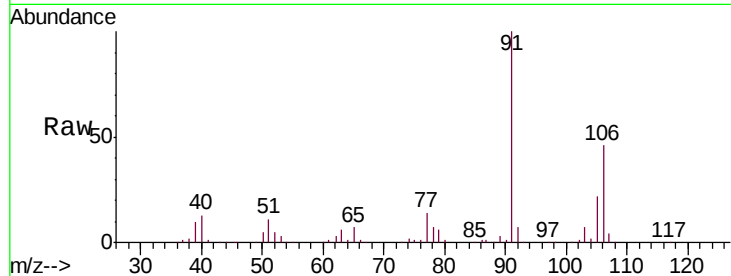
DB6S3DL

Tgt Ion:106 Resp: 137861

Ion Ratio Lower Upper

106 100

91 215.9 151.2 280.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

200000

150000

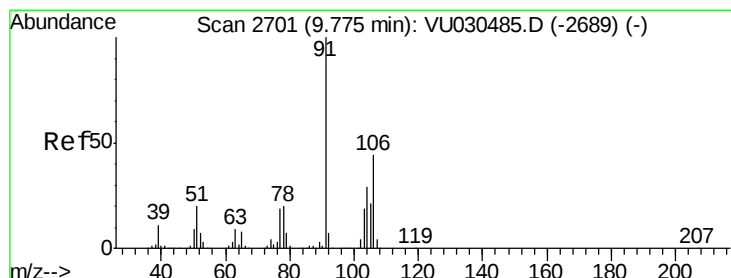
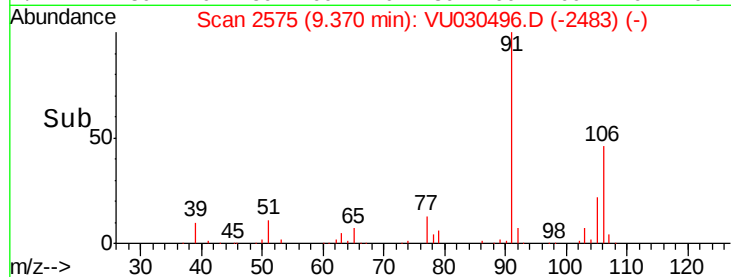
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#54

o-xylene

Concen: 11.971 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU030496.D

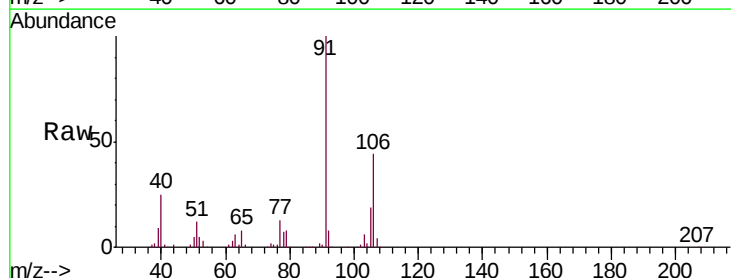
Acq: 27 Mar 2019 20:18

Tgt Ion:106 Resp: 64984

Ion Ratio Lower Upper

106 100

91 226.1 159.6 296.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

100000

80000

60000

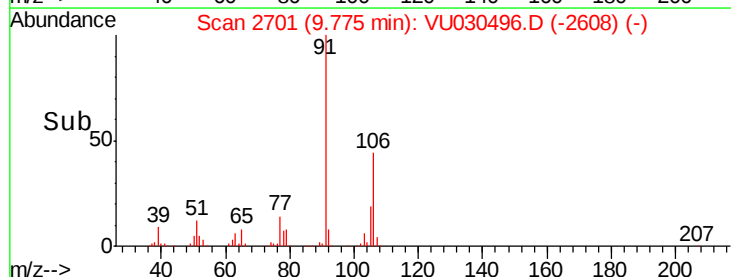
40000

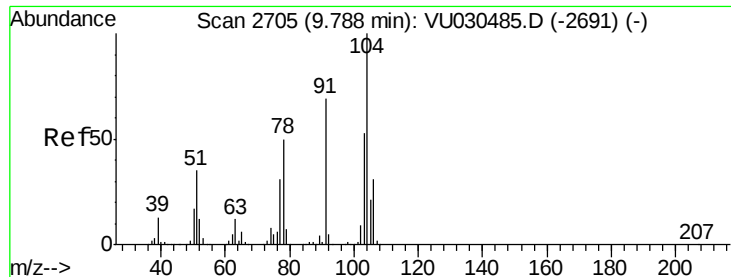
20000

0

9.70 9.75 9.80 9.85

Time-->

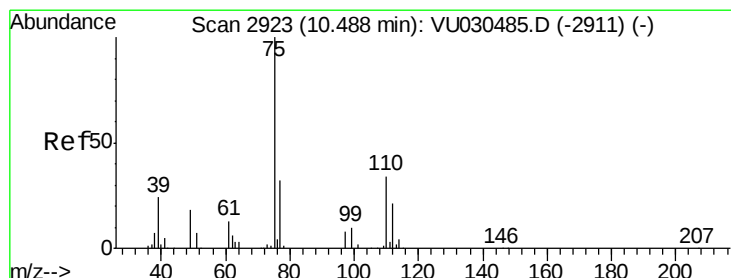
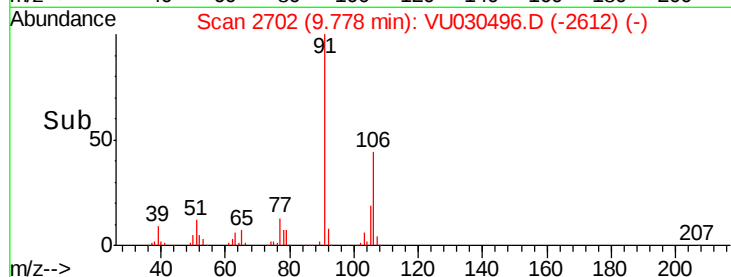
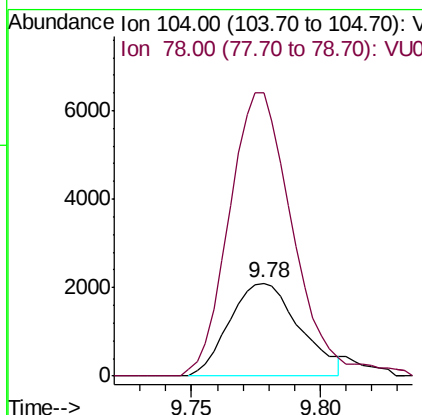
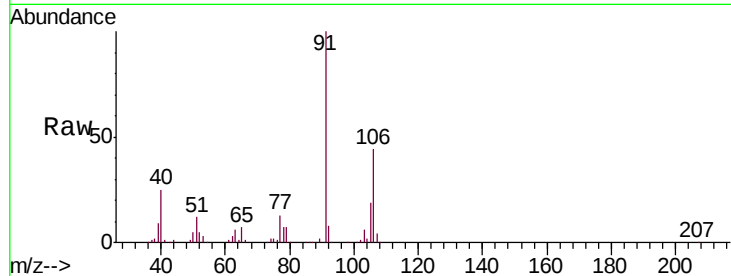




#55
Styrene
Concen: 0.425 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. -0.01 min
Lab File: VU030496.D
Acq: 27 Mar 2019 20:18

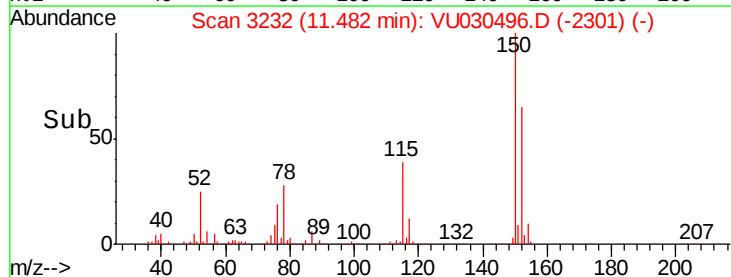
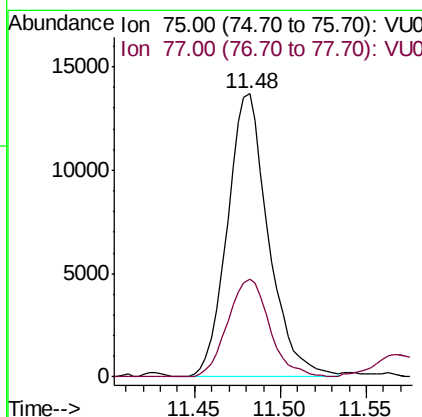
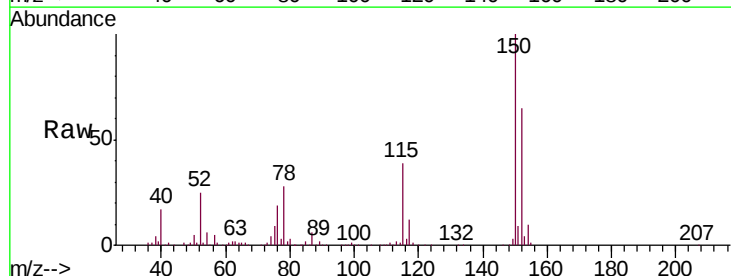
Instrument :
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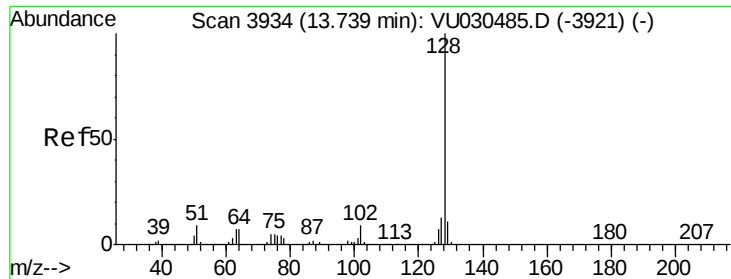
Tgt Ion:104 Resp: 3975
Ion Ratio Lower Upper
104 100
78 304.2 35.1 65.3#



#59
1,2,3-Trichloropropane
Concen: 4.826 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030496.D
Acq: 27 Mar 2019 20:18

Tgt Ion: 75 Resp: 22845
Ion Ratio Lower Upper
75 100
77 35.0 25.4 38.2





#69

Naphthalene

Concen: 0.475 ug/L

RT: 13.76 min Scan# 3941

Delta R.T. 0.02 min

Lab File: VU030496.D

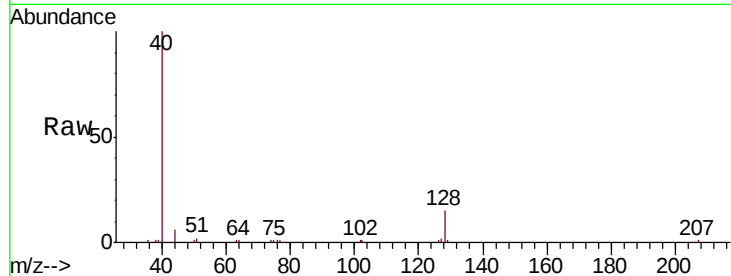
Acq: 27 Mar 2019 20:18

Instrument :

MSVOA_U

ClientSampleId :

DB6S3DL



Tgt Ion:	128	Resp:	6047
Ion	Ratio	Lower	Upper
128	100		
127	8.0	10.4	15.6#
129	7.1	8.4	12.6#

