

Data File : VU032303.D
Acq On : 24 May 2019 11:04
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: May 24 23:35:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 23:32:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	752748	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	762445	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	322576	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	208126	52.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.78%
7) Chloroethane-d5	1.67	69	184628	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.78%
11) 1,1-Dichloroethene-d2	2.26	63	313481	40.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.34%
21) 2-Butanone-d5	4.17	46	303449	80.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.83%
24) Chloroform-d	4.64	84	435034	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.72%
26) 1,2-Dichloroethane-d4	5.30	65	273016	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.66%
32) Benzene-d6	5.33	84	926458	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
36) 1,2-Dichloropropane-d6	6.32	67	283070	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.62%
41) Toluene-d8	7.56	98	861865	48.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.85	79	117325	41.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.56%
47) 2-Hexanone-d5	8.31	63	214486	82.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	417911	40.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.98%
64) 1,2-Dichlorobenzene-d4	11.85	152	333727	49.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.46%

Target Compounds

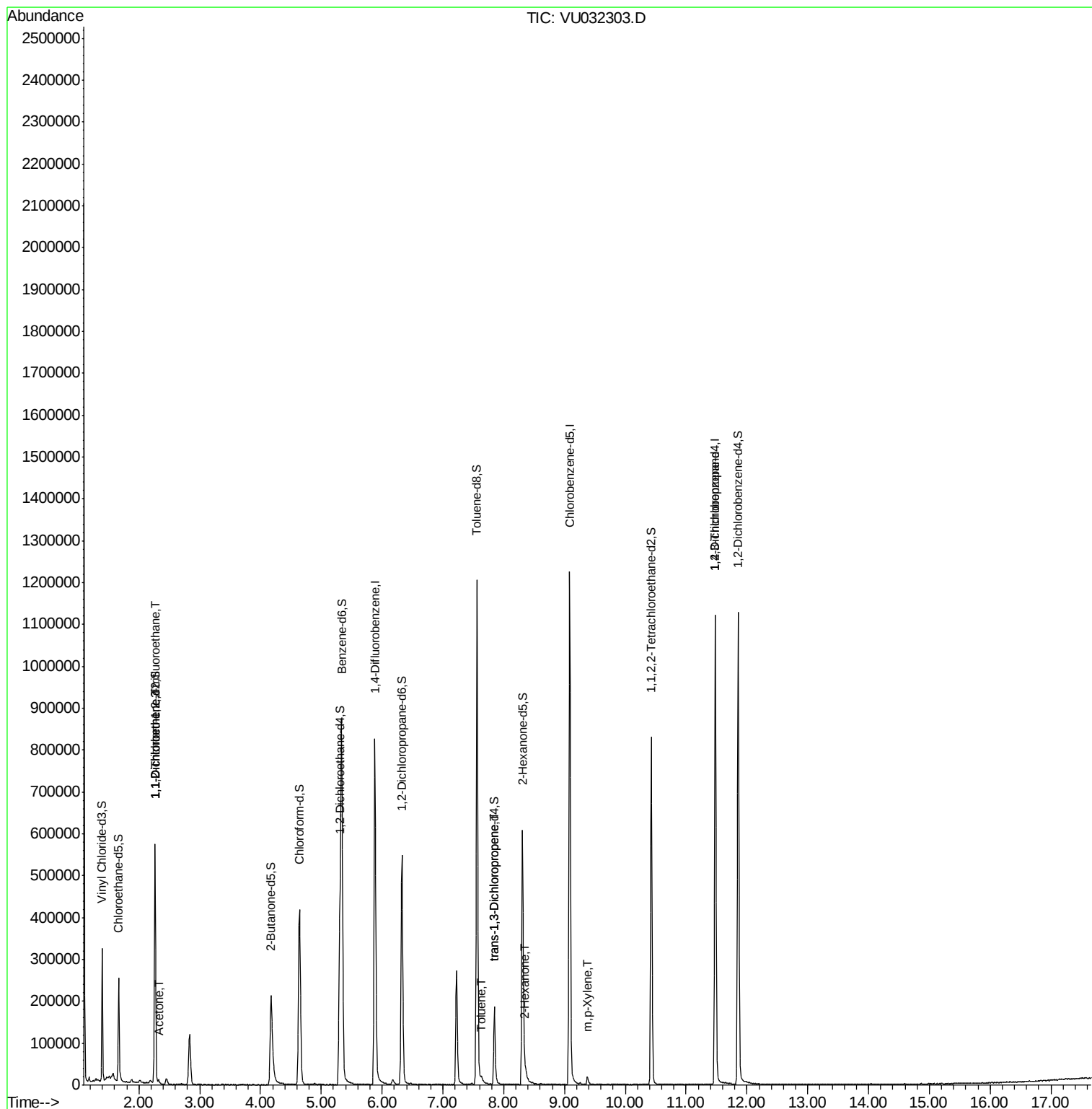
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	3665	0.926	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	2982	0.676	ug/L #	1
13) Acetone	2.32	43	4940	1.633	ug/L	92
42) Toluene	7.64	91	8873	0.386	ug/L	92
44) trans-1,3-Dichloropropene	7.85	75	4597	0.626	ug/L	90
48) 2-Hexanone	8.36	43	10749	1.757	ug/L #	40
53) m,p-Xylene	9.38	106	6732	0.747	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	33723	4.016	ug/L	93

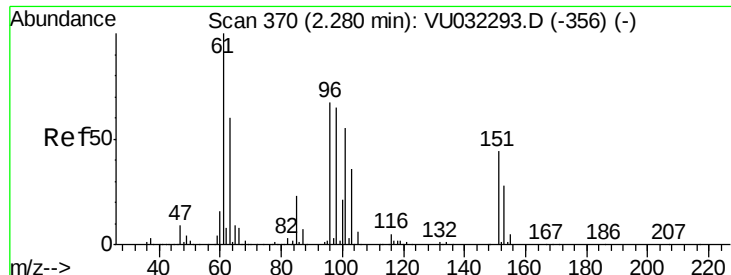
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.926 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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Acq: 24 May 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

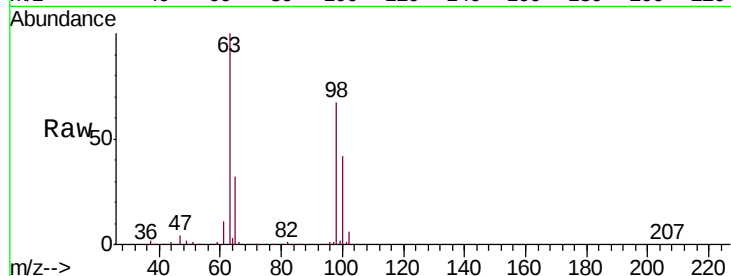
Tgt Ion: 101 Resp: 3665

Ion Ratio Lower Upper

101 100

85 2.5 32.8 49.2#

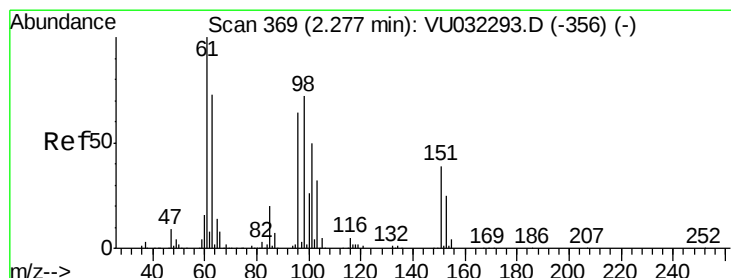
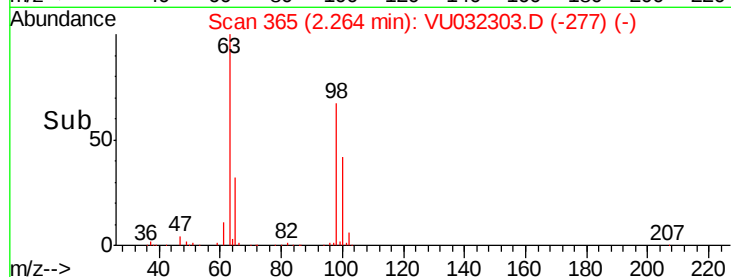
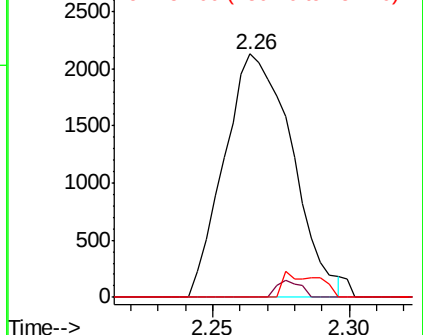
151 2.9 63.5 95.3#



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



#12

1,1-Dichloroethene

Concen: 0.676 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032303.D

Acq: 24 May 2019 11:04

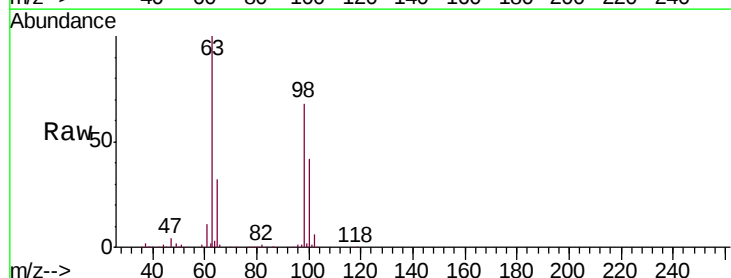
Tgt Ion: 96 Resp: 2982

Ion Ratio Lower Upper

96 100

61 962.4 108.0 200.6#

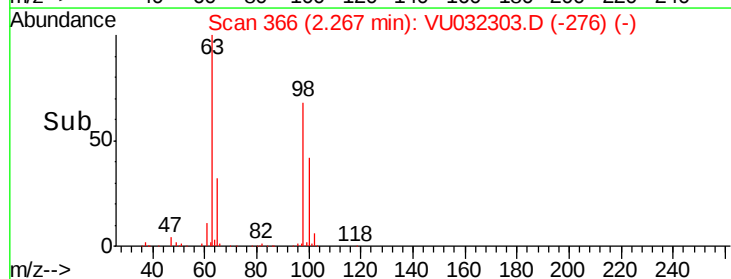
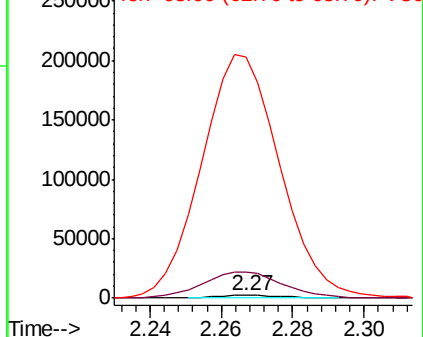
63 8712.3 85.5 158.7#

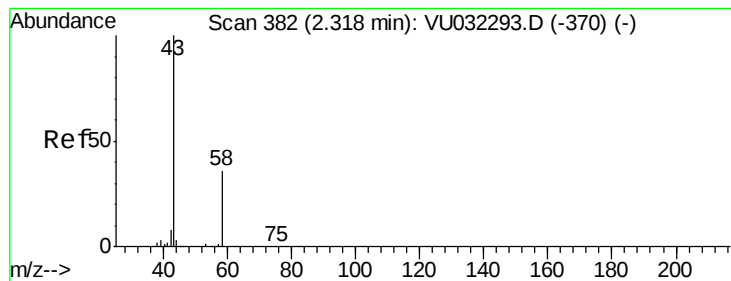


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.633 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

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Acq: 24 May 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

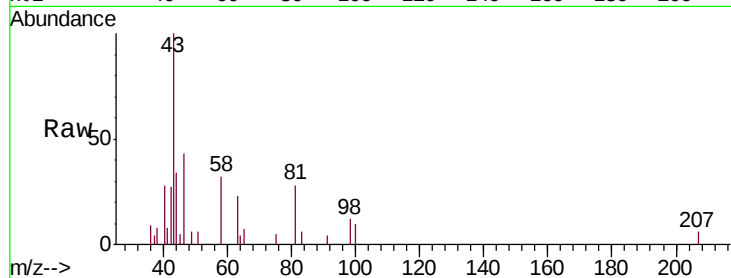
VIBLK40

Tgt Ion: 43 Resp: 4940

Ion Ratio Lower Upper

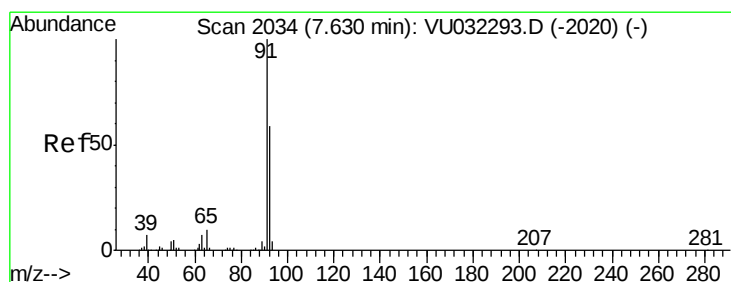
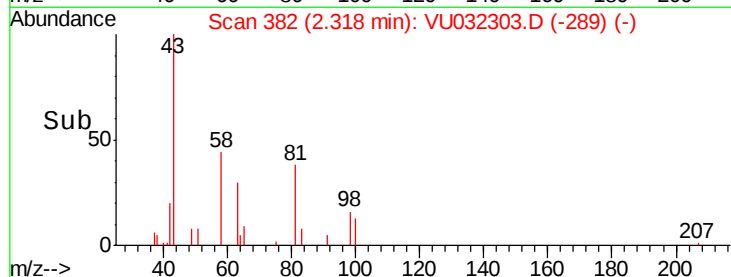
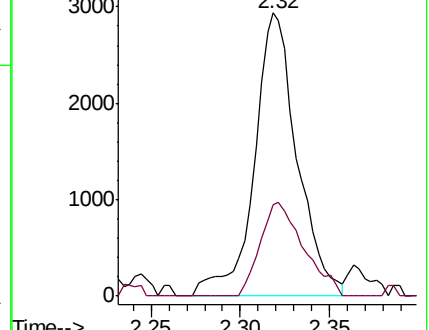
43 100

58 33.7 0.0 77.2



Abundance Ion 43.00 (42.70 to 43.70): VU032293.D (-370) (-)

Ion 58.00 (57.70 to 58.70): VU032293.D (-370) (-)



#42

Toluene

Concen: 0.386 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU032303.D

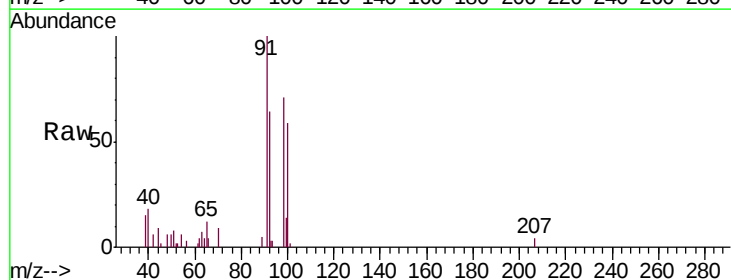
Acq: 24 May 2019 11:04

Tgt Ion: 91 Resp: 8873

Ion Ratio Lower Upper

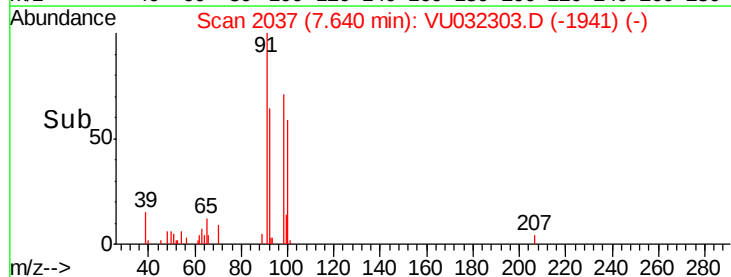
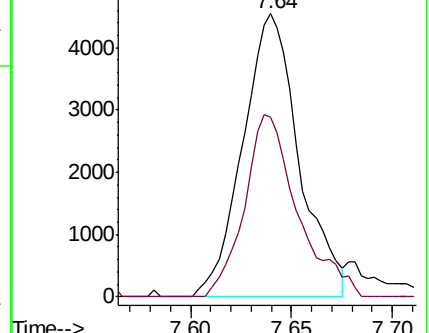
91 100

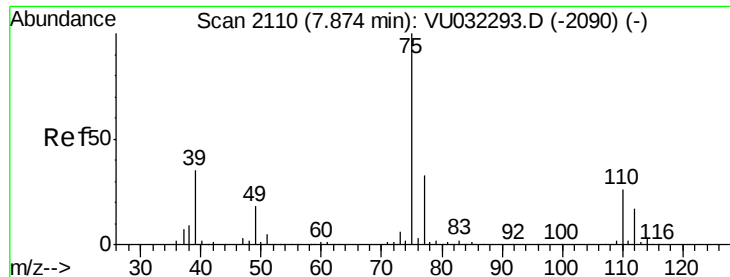
92 63.5 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU032293.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU032293.D (-2020) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.626 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032303.D

Acq: 24 May 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

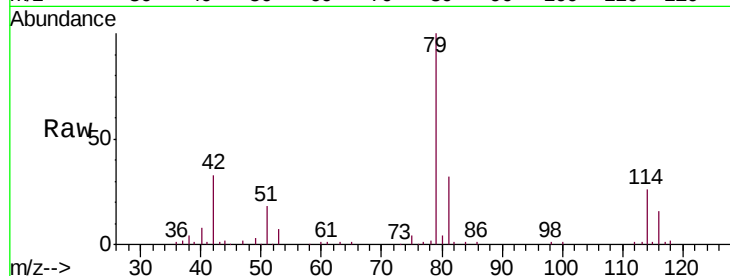
VIBLK40

Tgt Ion: 75 Resp: 4597

Ion Ratio Lower Upper

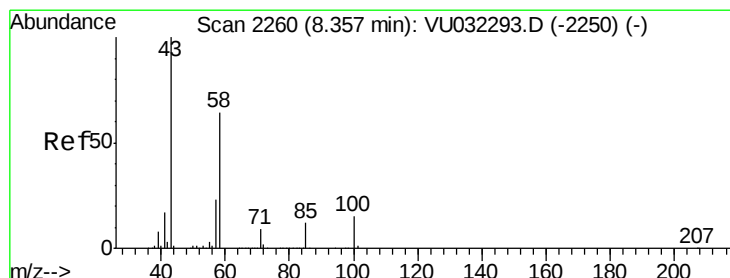
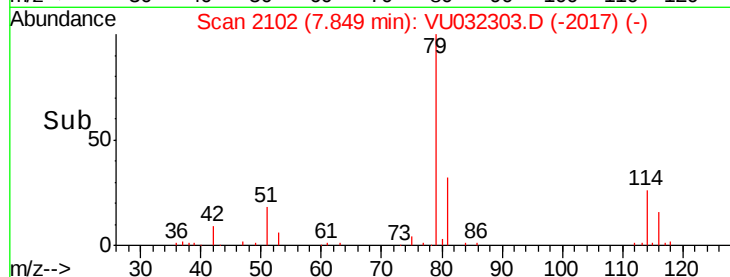
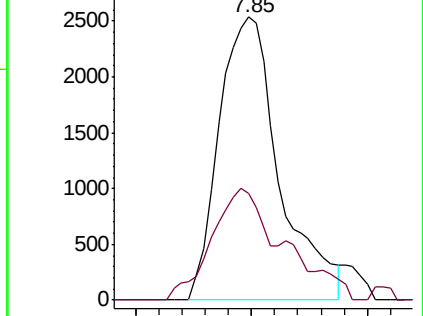
75 100

77 37.6 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#48

2-Hexanone

Concen: 1.757 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. 0.00 min

Lab File: VU032303.D

Acq: 24 May 2019 11:04

Tgt Ion: 43 Resp: 10749

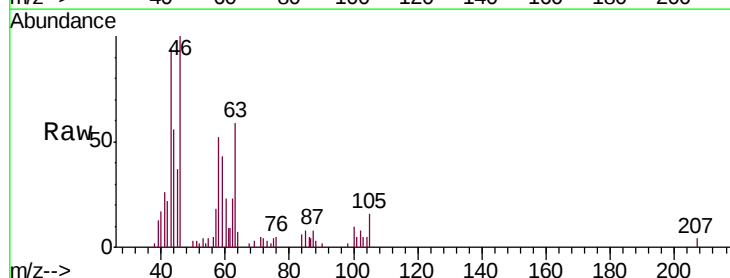
Ion Ratio Lower Upper

43 100

58 5.5 51.4 77.0#

57 0.0 17.8 26.8#

100 7.0 12.8 19.2#

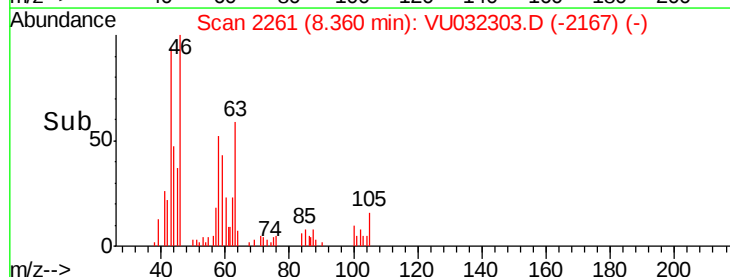
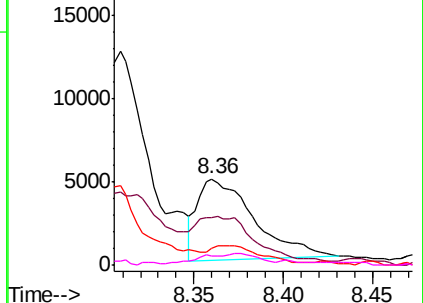


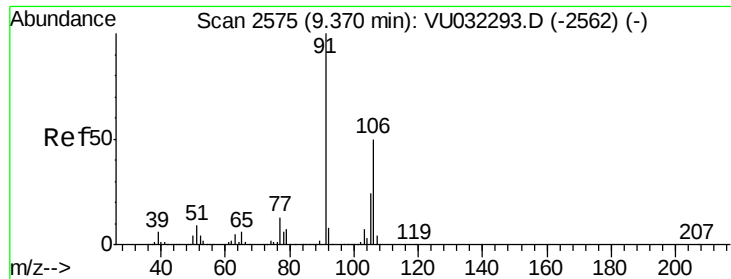
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#53

m,p-Xylene

Concen: 0.747 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.01 min

Lab File: VU032303.D

Acq: 24 May 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

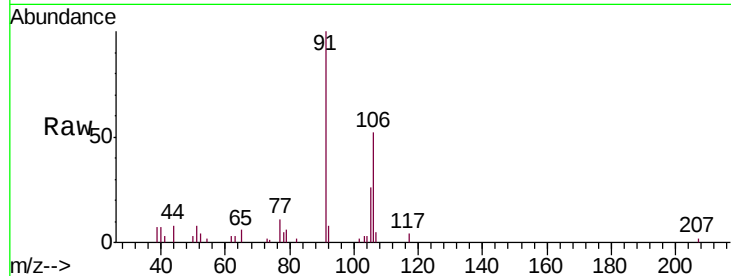
VIBLK40

Tgt Ion: 106 Resp: 6732

Ion Ratio Lower Upper

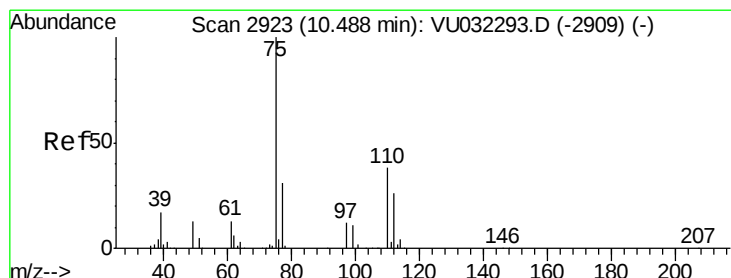
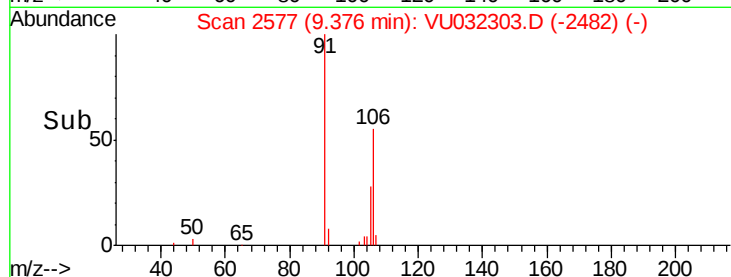
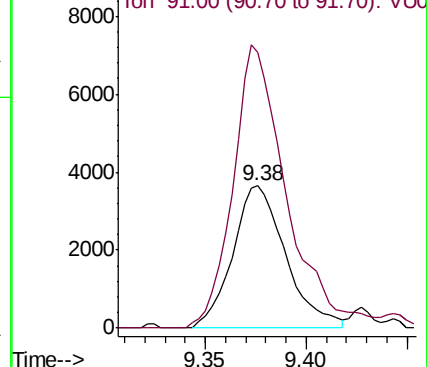
106 100

91 194.1 136.5 253.5



Abundance Ion 106.00 (105.70 to 106.70): VU032293.D (-2562) (-)

Ion 91.00 (90.70 to 91.70): VU032293.D (-2562) (-)



#59

1,2,3-Trichloropropane

Concen: 4.016 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032303.D

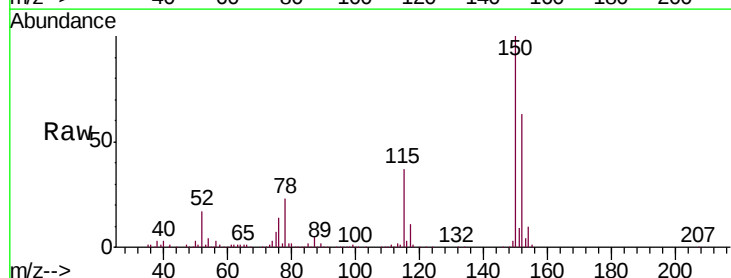
Acq: 24 May 2019 11:04

Tgt Ion: 75 Resp: 33723

Ion Ratio Lower Upper

75 100

77 36.1 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU032293.D (-2909) (-)

Ion 77.00 (76.70 to 77.70): VU032293.D (-2909) (-)

