

Data File : VU032484.D
Acq On : 06 Jun 2019 09:25
Operator : JC/SP
Sample : VU0606MBL02
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK48

Quant Time: Jun 07 04:09:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 04:06:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	205592	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	191032	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	96730	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60935	45.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.36%
7) Chloroethane-d5	1.68	69	51054	47.63	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.26%
11) 1,1-Dichloroethene-d2	2.27	63	92006	35.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.46%
21) 2-Butanone-d5	4.17	46	108395	97.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.11%
24) Chloroform-d	4.64	84	116574	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	5.30	65	77297	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
32) Benzene-d6	5.33	84	245505	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.32	67	75800	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.48%
41) Toluene-d8	7.56	98	228376	48.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.14%
43) trans-1,3-Dichloropropene-	7.85	79	35849	48.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.34%
47) 2-Hexanone-d5	8.31	63	72075	95.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109026	48.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.78%
64) 1,2-Dichlorobenzene-d4	11.85	152	94011	50.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.48%

Target Compounds

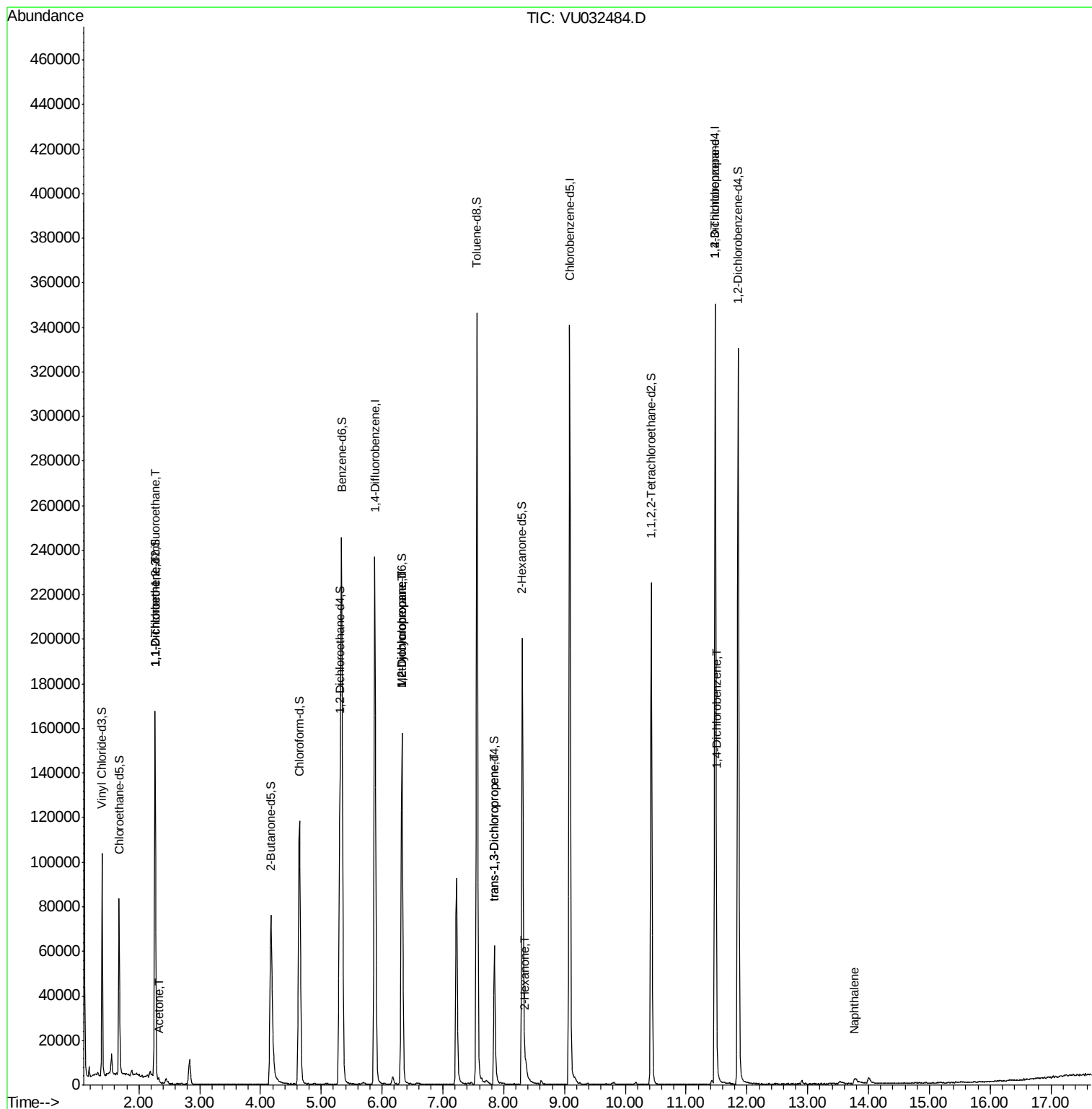
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	753	0.599 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	801	0.657 ug/L #	1
13) Acetone	2.32	43	1249	1.084 ug/L	70
35) Methylcyclohexane	6.32	83	17562	7.429 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	8312	5.842 ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	1850	0.928 ug/L	95
48) 2-Hexanone	8.36	43	3670	1.952 ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	11643	6.295 ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	1523	0.509 ug/L	86
69) Naphthalene	13.77	128	2376	0.391 ug/L #	86

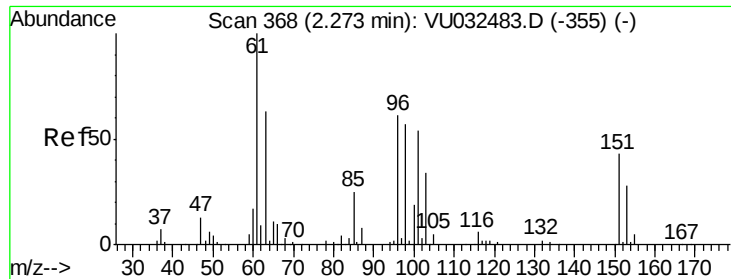
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.599 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032484.D

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Instrument :

MSVOA_U

ClientSampleId :

VBLK48

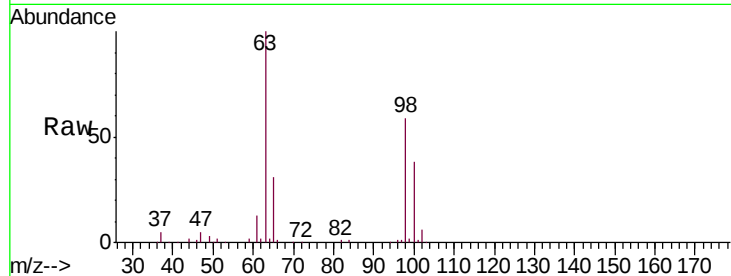
Tgt Ion: 101 Resp: 753

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

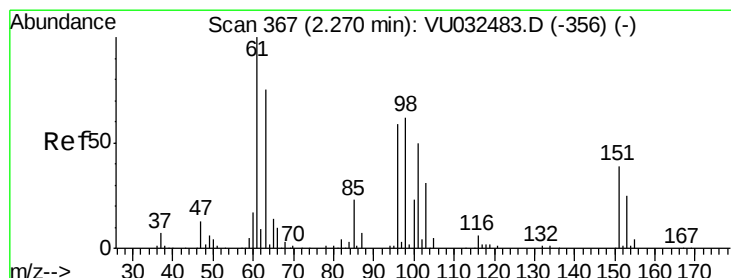
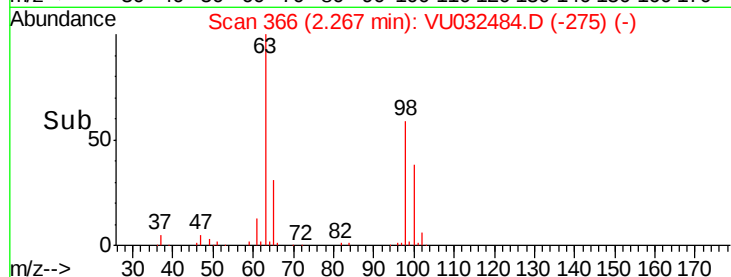
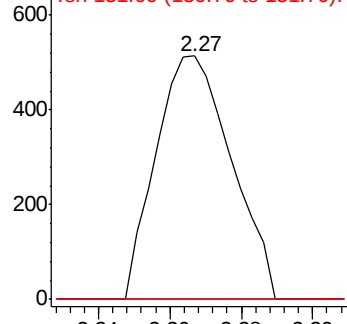
151 0.0 63.0 94.4#



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: 0.657 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: VU032484.D

Acq: 06 Jun 2019 09:25

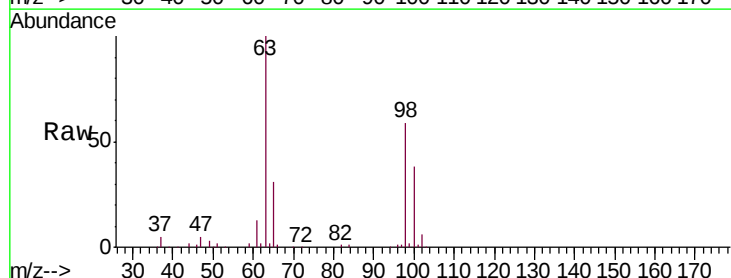
Tgt Ion: 96 Resp: 801

Ion Ratio Lower Upper

96 100

61 1332.9 129.5 240.5#

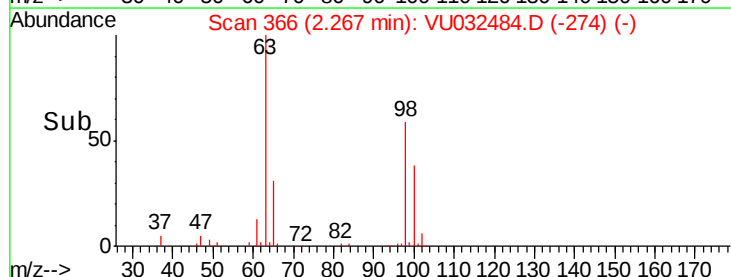
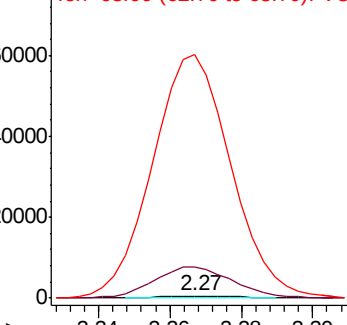
63 10493.4 103.4 192.0#

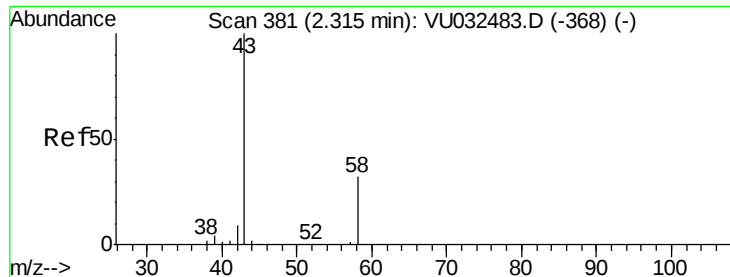


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.084 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032484.D

Acq: 06 Jun 2019 09:25

Instrument :

MSVOA_U

ClientSampleId :

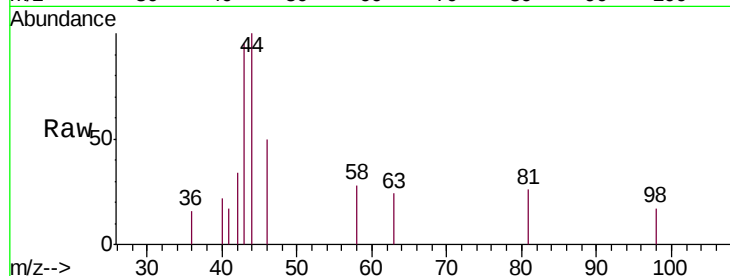
VBLK48

Tgt Ion: 43 Resp: 1249

Ion Ratio Lower Upper

43 100

58 15.3 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032483.D (-368) (-)

Ion 58.00 (57.70 to 58.70): VU032483.D (-368) (-)

2.32

600

400

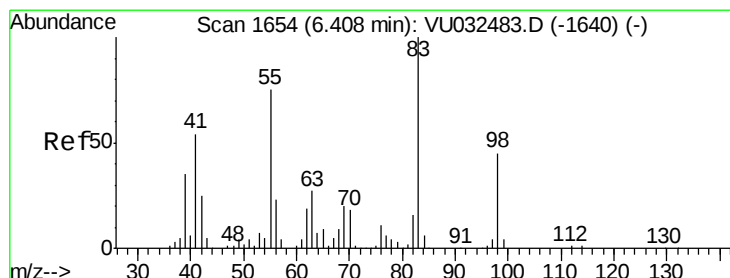
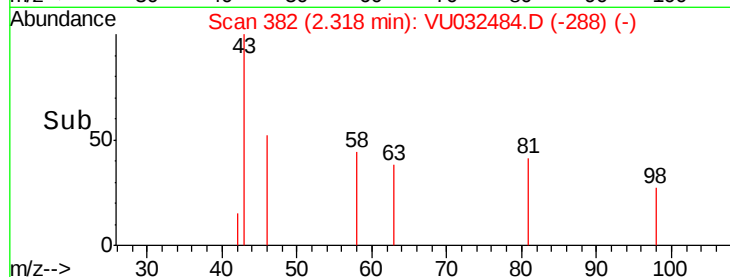
200

0

Time-->

2.30

2.35



#35

Methylcyclohexane

Concen: 7.429 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032484.D

Acq: 06 Jun 2019 09:25

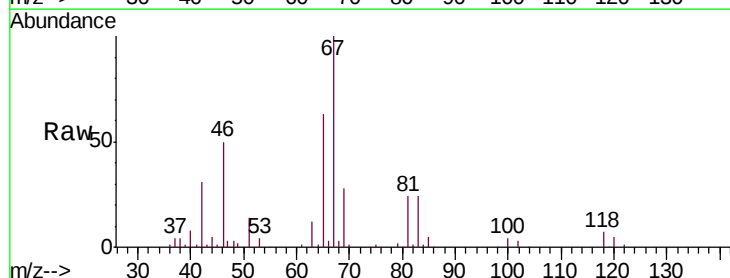
Tgt Ion: 83 Resp: 17562

Ion Ratio Lower Upper

83 100

55 0.2 60.2 90.4#

98 1.1 37.4 56.2#



Abundance Ion 83.00 (82.70 to 83.70): VU032483.D (-1640) (-)

Ion 55.00 (54.70 to 55.70): VU032483.D (-1640) (-)

Ion 98.00 (97.70 to 98.70): VU032483.D (-1640) (-)

6.32

12000

10000

8000

6000

4000

2000

0

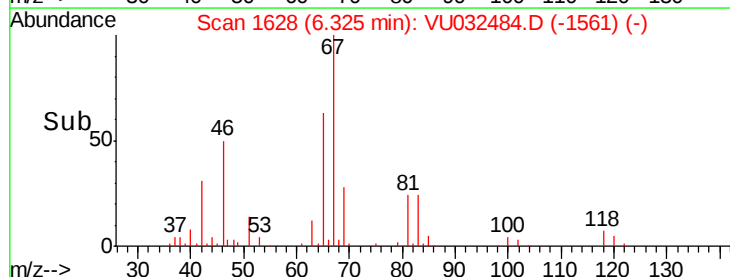
Time-->

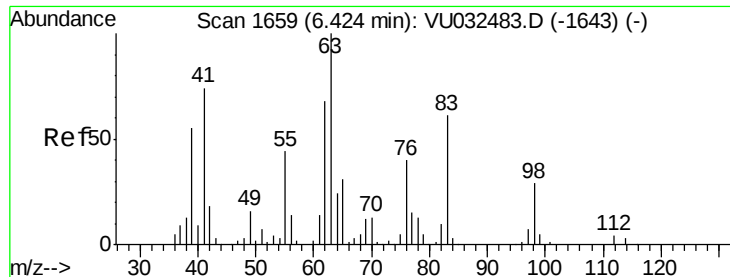
6.25

6.30

6.35

6.40

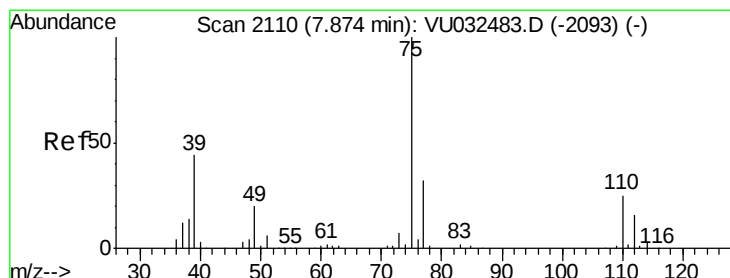
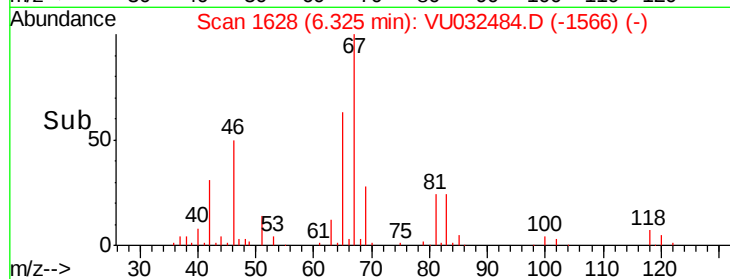
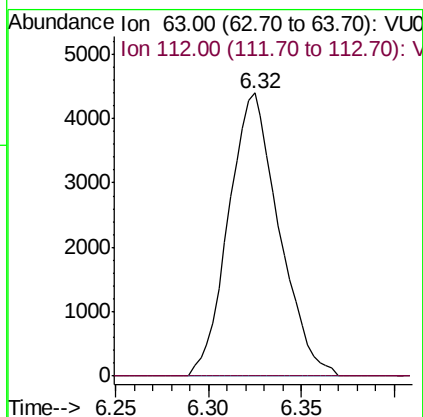
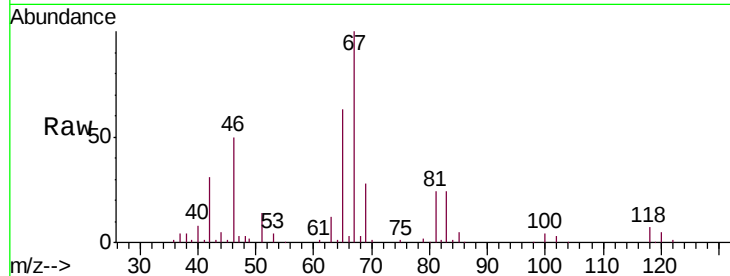




#37
 1,2-Dichloropropane
 Concen: 5.842 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032484.D
 Acq: 06 Jun 2019 09:25

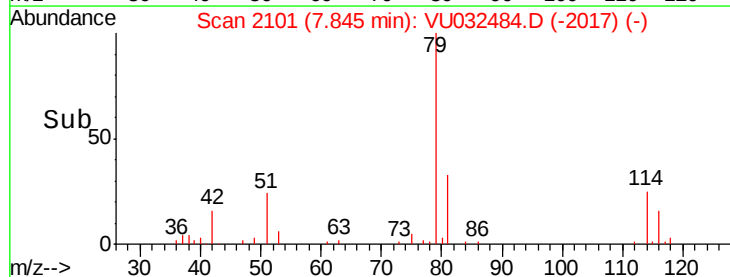
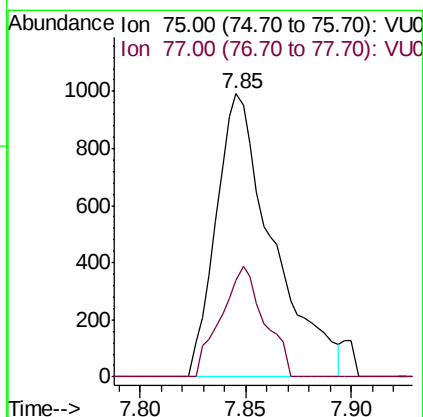
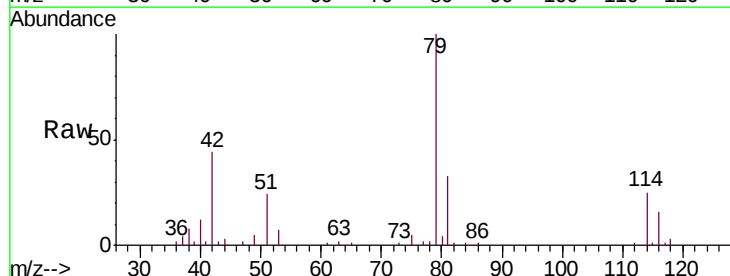
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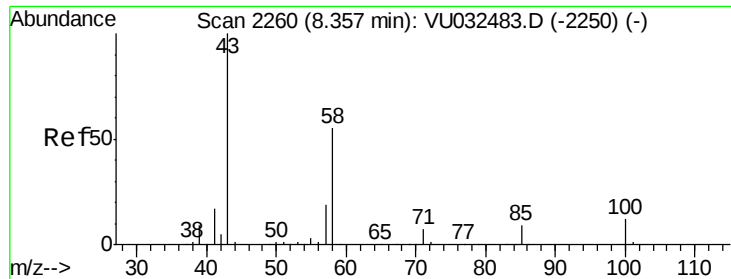
Tgt Ion: 63 Resp: 8312
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.928 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU032484.D
 Acq: 06 Jun 2019 09:25

Tgt Ion: 75 Resp: 1850
 Ion Ratio Lower Upper
 75 100
 77 34.2 22.1 41.1

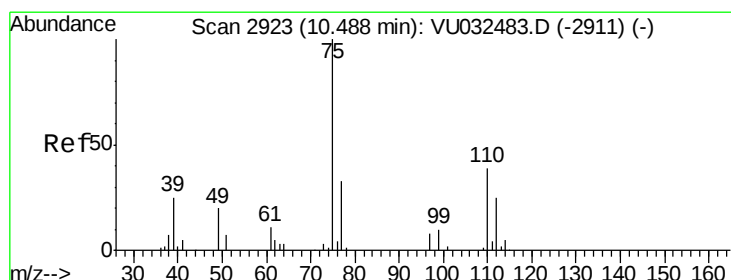
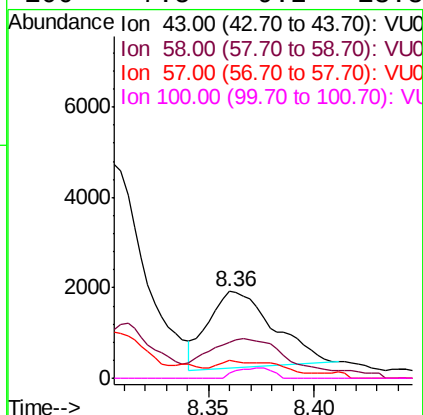
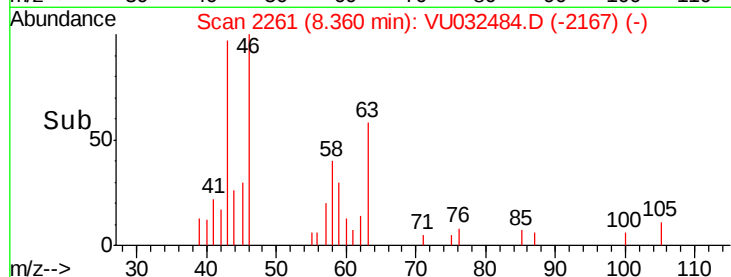
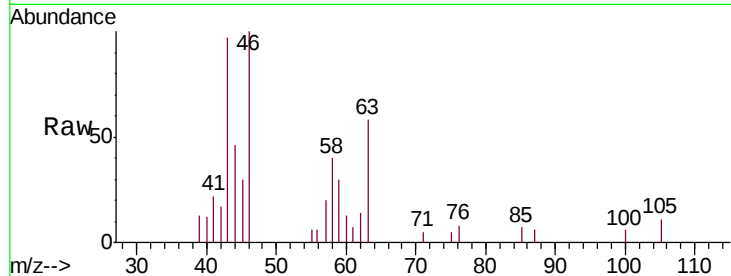




#48
2-Hexanone
Concen: 1.952 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032484.D
Acq: 06 Jun 2019 09:25

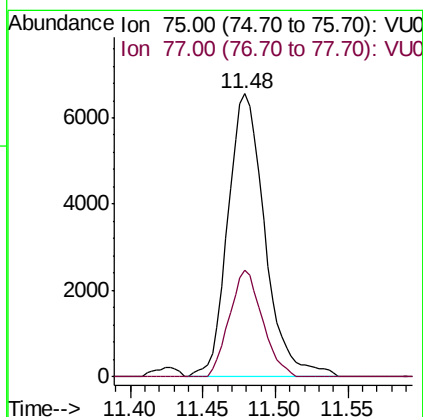
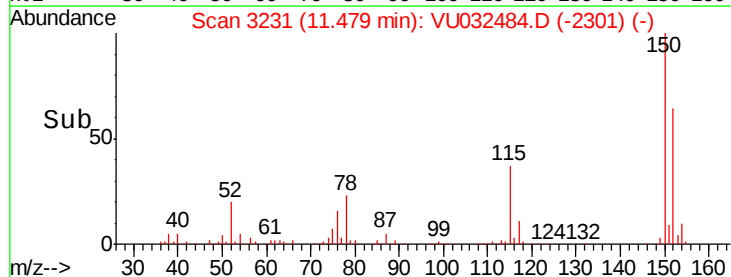
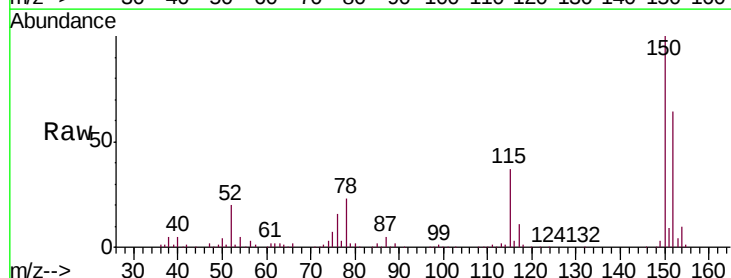
Instrument :
MSVOA_U
ClientSampleId :
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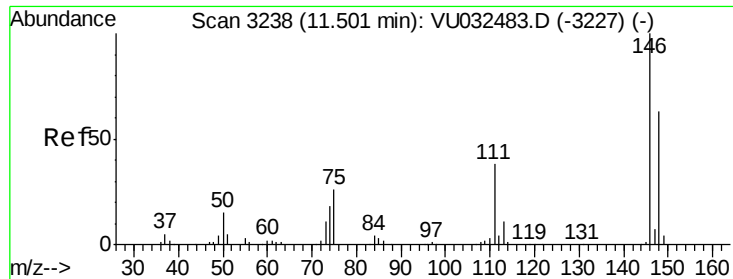
Tgt Ion: 43 Resp: 3670
Ion Ratio Lower Upper
43 100
58 49.6 42.0 63.0
57 4.0 14.6 22.0#
100 7.5 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.295 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032484.D
Acq: 06 Jun 2019 09:25

Tgt Ion: 75 Resp: 11643
Ion Ratio Lower Upper
75 100
77 33.6 25.6 38.4





#63

1,4-Dichlorobenzene

Concen: 0.509 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU032484.D

Acq: 06 Jun 2019 09:25

Instrument :

MSVOA_U

ClientSampled :

VBLK48

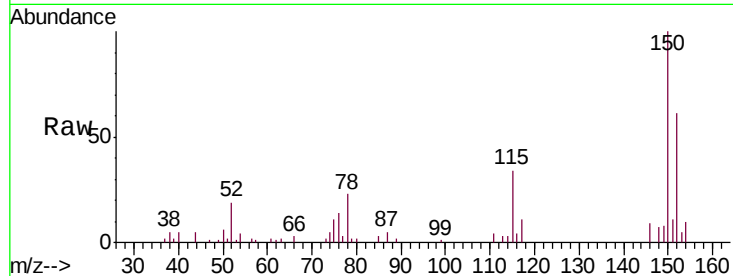
Tgt Ion:146 Resp: 1523

Ion Ratio Lower Upper

146 100

111 44.6 26.6 49.4

148 77.0 44.9 83.5

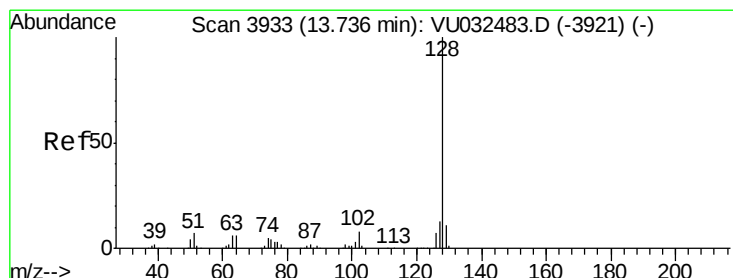
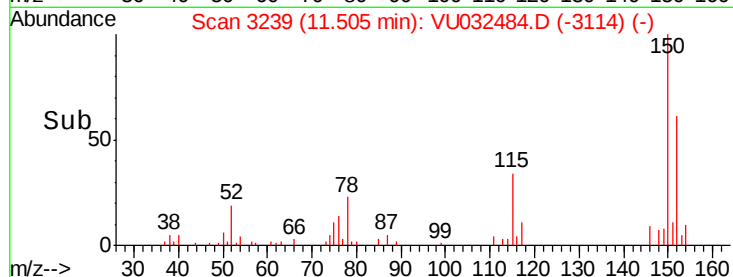
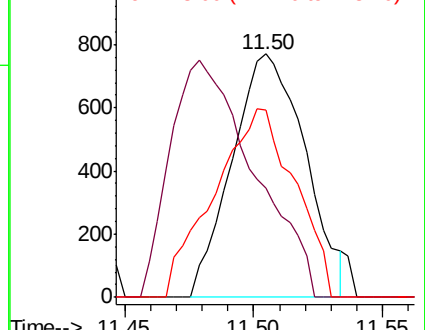


Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#69

Naphthalene

Concen: 0.391 ug/L

RT: 13.77 min Scan# 3944

Delta R.T. 0.04 min

Lab File: VU032484.D

Acq: 06 Jun 2019 09:25

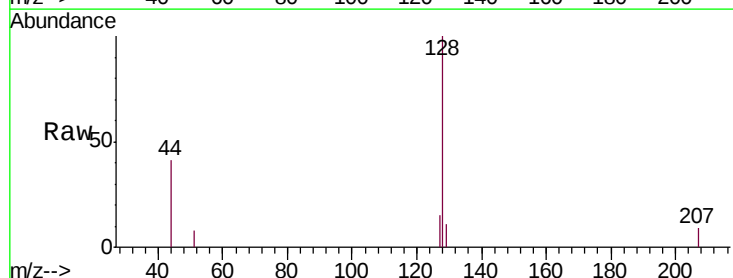
Tgt Ion:128 Resp: 2376

Ion Ratio Lower Upper

128 100

127 7.4 10.4 15.6#

129 5.0 8.5 12.7#



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

