

Data File : VU032480.D
Acq On : 05 Jun 2019 22:47
Operator : JC/SP
Sample : K3213-18 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8L0

Quant Time: Jun 06 04:09:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 06 04:04:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	208794	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	196834	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	96975	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50438	37.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.46%
7) Chloroethane-d5	1.68	69	44689	41.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.10%
11) 1,1-Dichloroethene-d2	2.27	63	80093	30.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.40%
21) 2-Butanone-d5	4.17	46	109660	96.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.73%
24) Chloroform-d	4.64	84	112936	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.30	65	74971	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
32) Benzene-d6	5.33	84	236005	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.38%
36) 1,2-Dichloropropane-d6	6.32	67	74660	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.20%
41) Toluene-d8	7.56	98	223709	46.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.34%
43) trans-1,3-Dichloropropene-	7.85	79	34967	45.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.20%
47) 2-Hexanone-d5	8.31	63	74179	95.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110052	47.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	93247	50.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

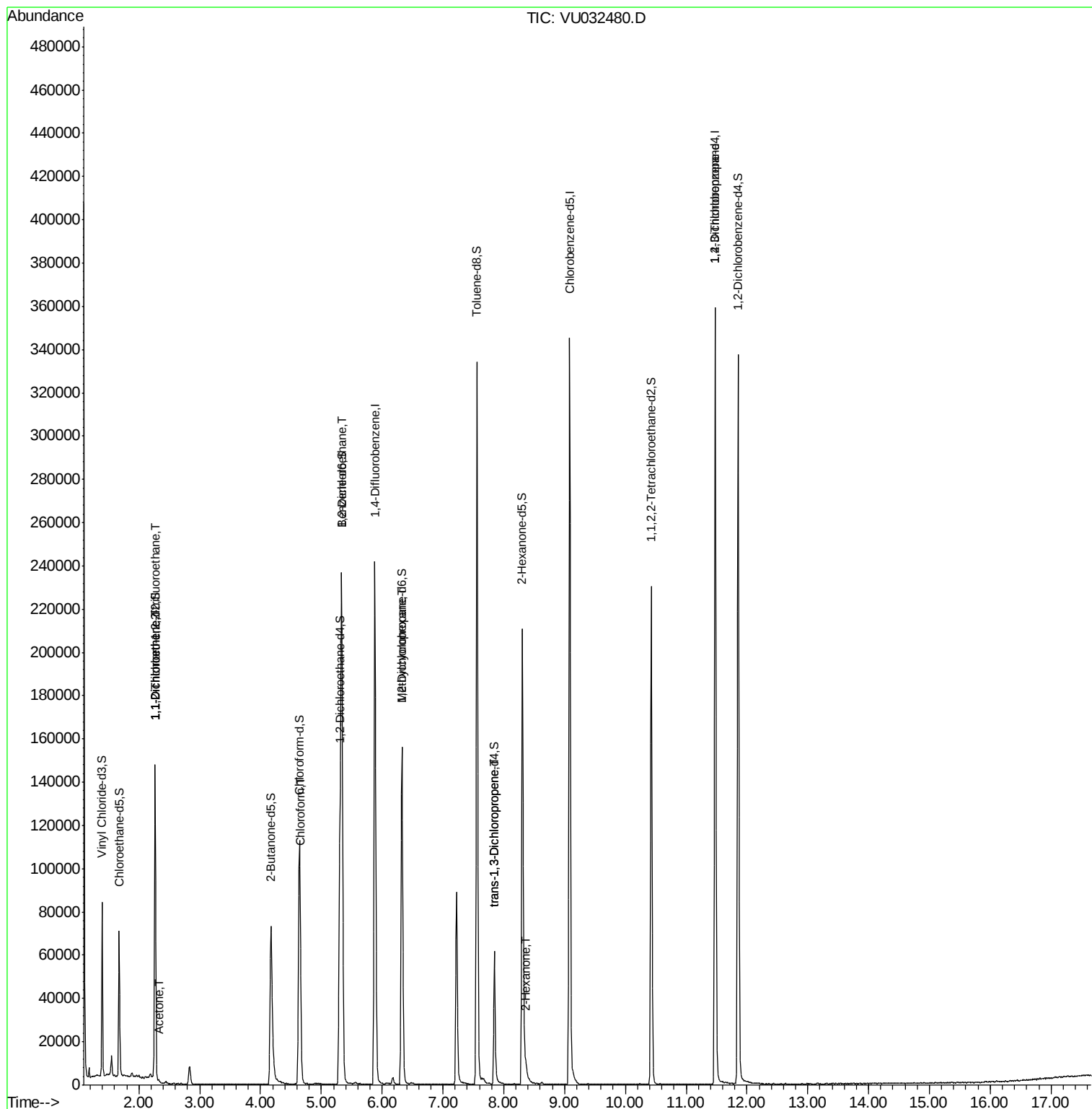
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	756	0.592	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	683	0.551	ug/L #	1
13) Acetone	2.32	43	897	0.767	ug/L	66
25) Chloroform	4.66	83	2015	0.798	ug/L	84
27) 1,2-Dichloroethane	5.34	62	1242	0.622	ug/L #	75
35) Methylcyclohexane	6.32	83	17243	7.079	ug/L #	20
44) trans-1,3-Dichloropropene	7.85	75	1567	0.763	ug/L	95
48) 2-Hexanone	8.36	43	3166	1.634	ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	11494	6.031	ug/L	95

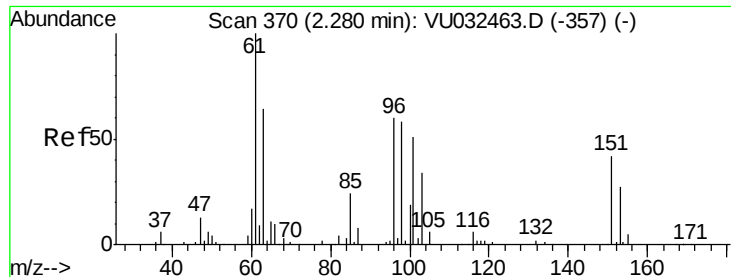
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.592 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032480.D

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MSVOA_U

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DB8L0

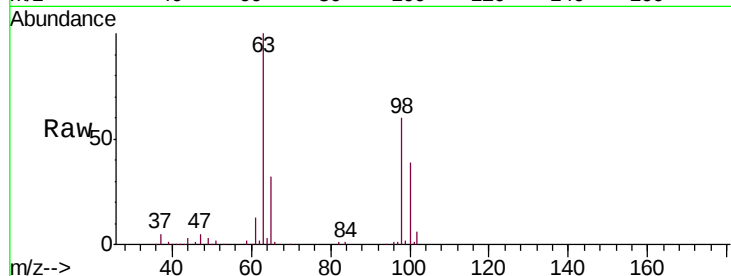
Tgt Ion: 101 Resp: 756

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

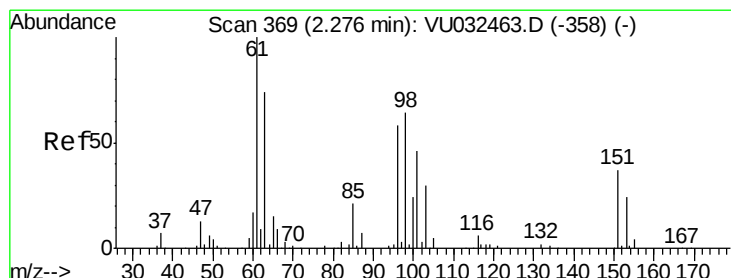
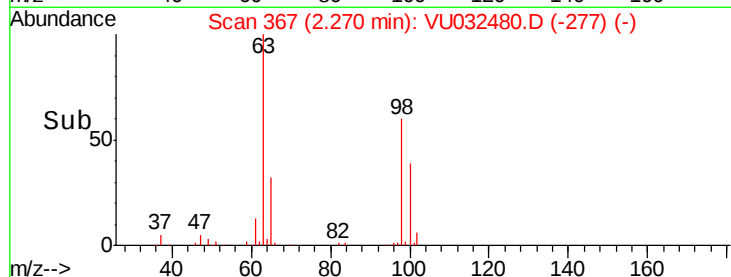
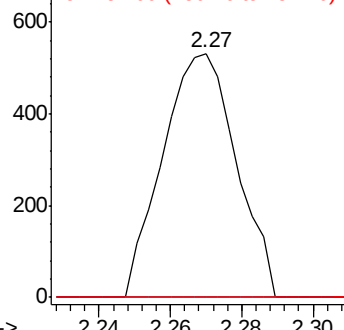
151 0.0 63.0 94.4#



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: 0.551 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032480.D

Acq: 05 Jun 2019 22:47

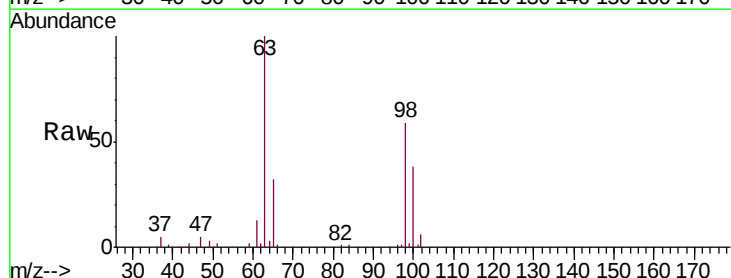
Tgt Ion: 96 Resp: 683

Ion Ratio Lower Upper

96 100

61 1521.7 129.5 240.5#

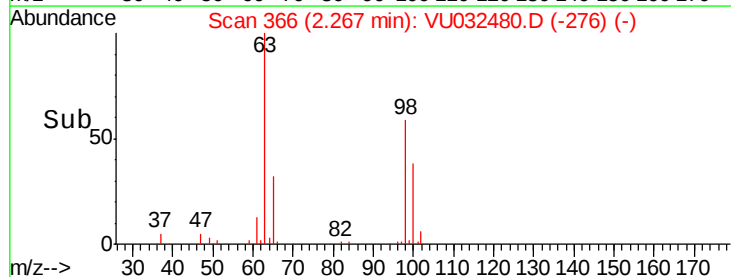
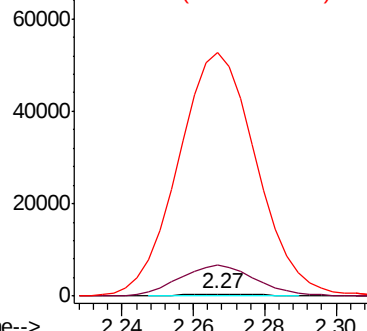
63 12031.1 103.4 192.0#

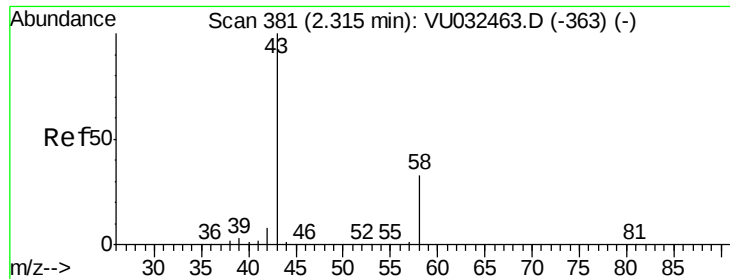


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.767 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

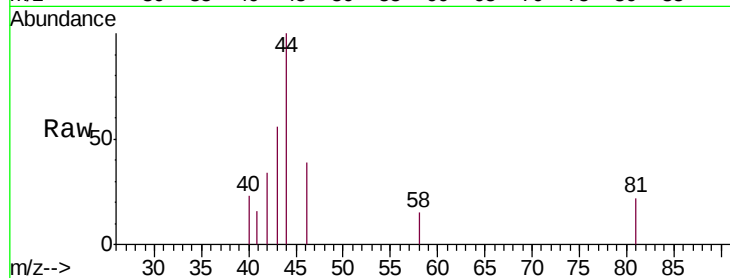
DB8L0

Tgt Ion: 43 Resp: 897

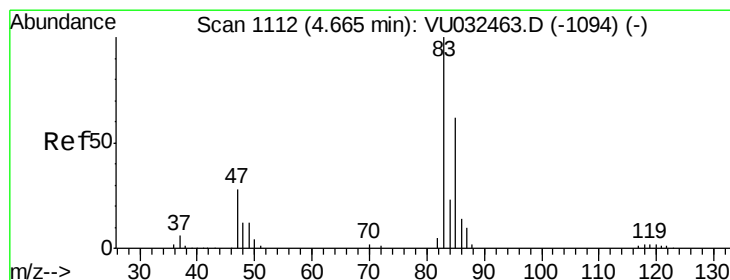
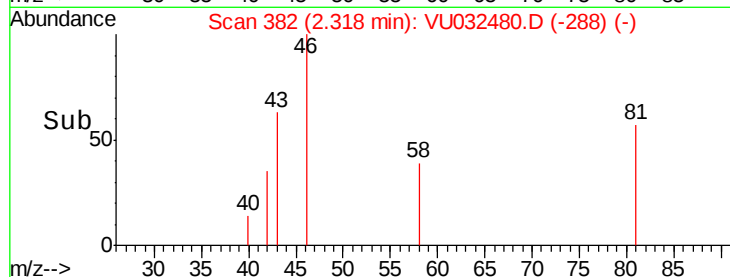
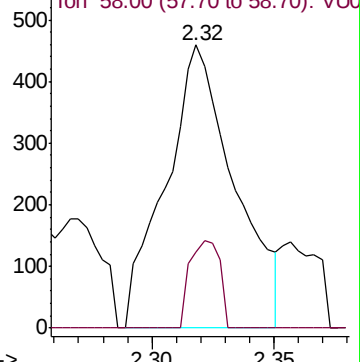
Ion Ratio Lower Upper

43 100

58 13.3 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032463.D (-363) (-)



#25

Chloroform

Concen: 0.798 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VU032480.D

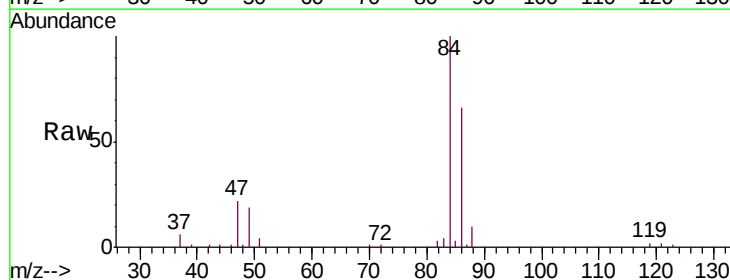
Acq: 05 Jun 2019 22:47

Tgt Ion: 83 Resp: 2015

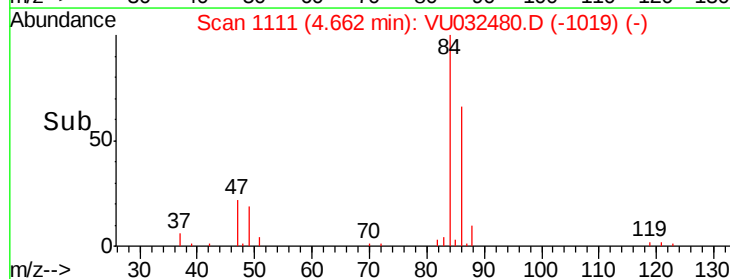
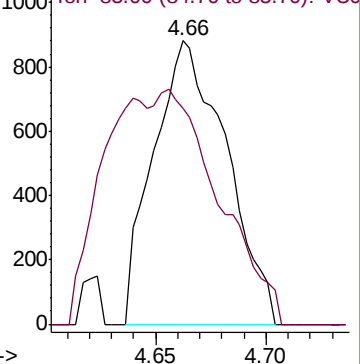
Ion Ratio Lower Upper

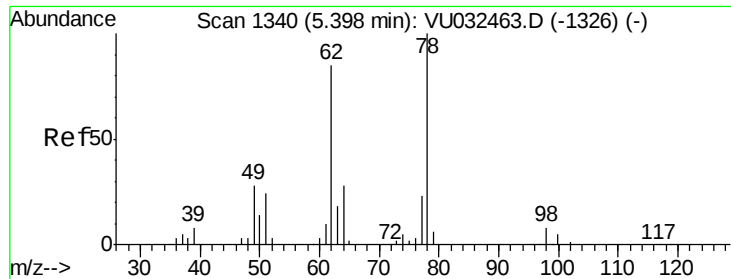
83 100

85 76.2 44.7 82.9



Abundance Ion 83.00 (82.70 to 83.70): VU032463.D (-1094) (-)





#27

1,2-Dichloroethane

Concen: 0.622 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU032480.D

Acq: 05 Jun 2019 22:47

Instrument :

MSVOA_U

ClientSampleId :

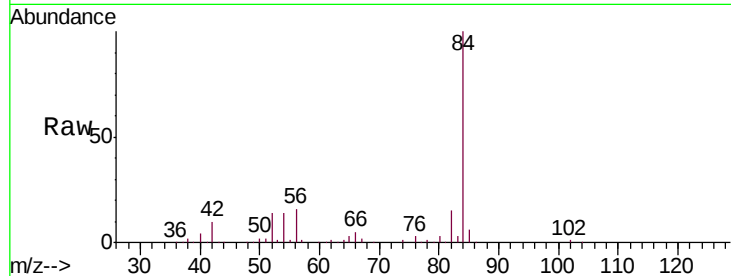
DB8L0

Tgt Ion: 62 Resp: 1242

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032463.D (-1326) (-)

Ion 98.00 (97.70 to 98.70): VU032463.D (-1326) (-)

5.34

600

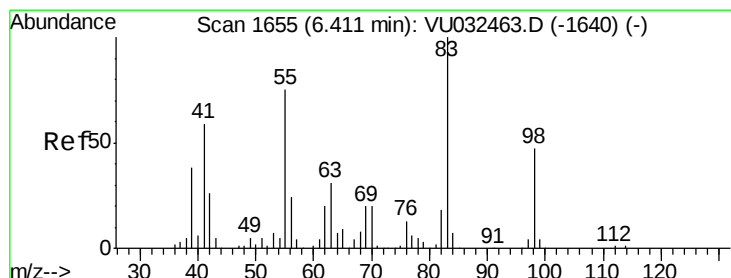
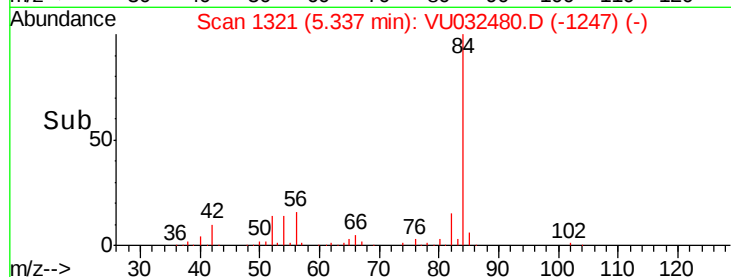
400

200

0

5.30 5.35

Time-->



#35

Methylcyclohexane

Concen: 7.079 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.09 min

Lab File: VU032480.D

Acq: 05 Jun 2019 22:47

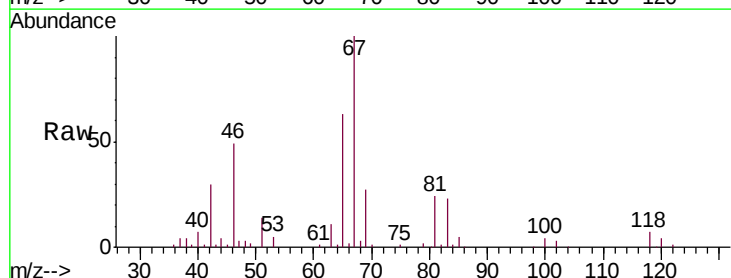
Tgt Ion: 83 Resp: 17243

Ion Ratio Lower Upper

83 100

55 0.2 60.2 90.4#

98 1.3 37.4 56.2#



Abundance Ion 83.00 (82.70 to 83.70): VU032463.D (-1640) (-)

Ion 55.00 (54.70 to 55.70): VU032463.D (-1640) (-)

Ion 98.00 (97.70 to 98.70): VU032463.D (-1640) (-)

12000

10000

8000

6000

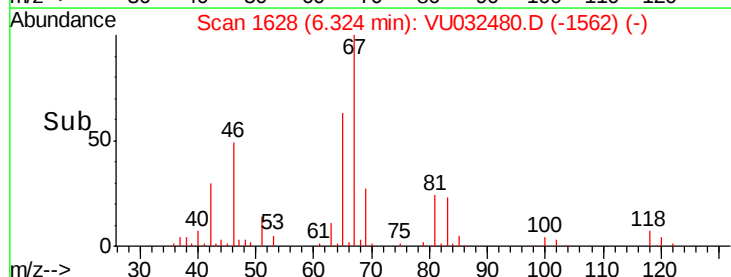
4000

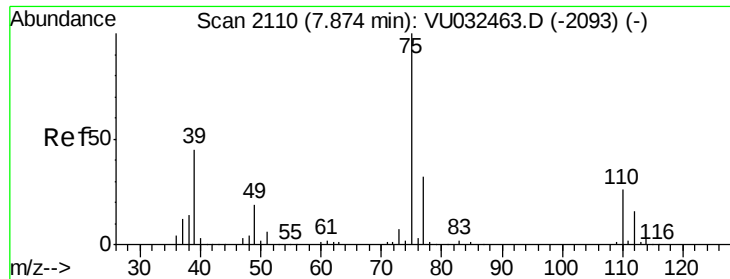
2000

0

6.25 6.30 6.35 6.40

Time-->

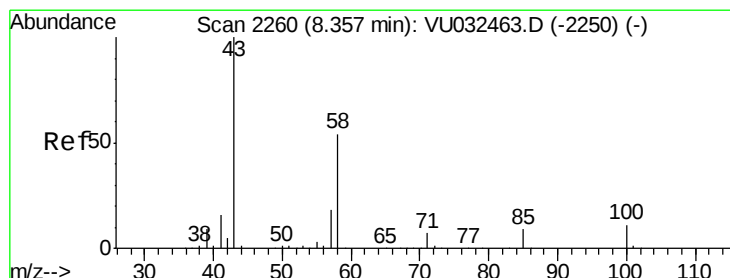
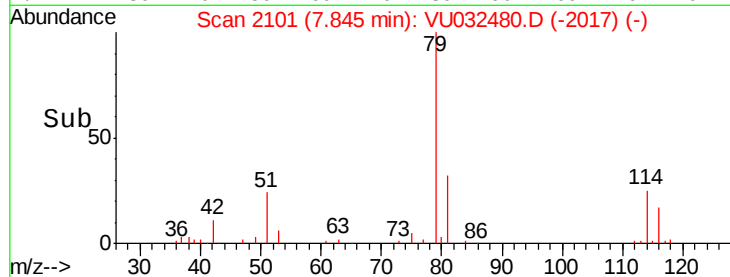
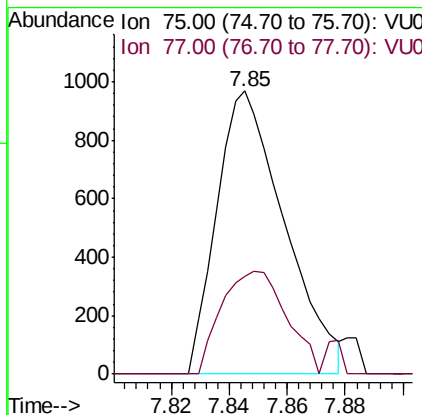
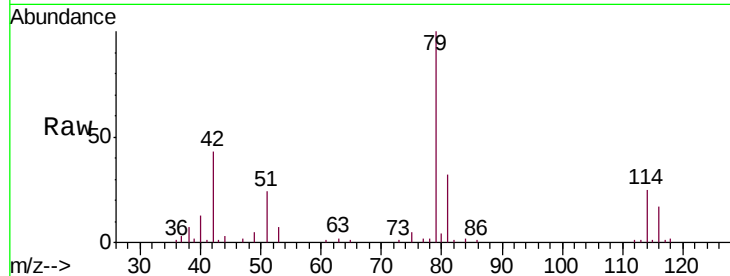




#44
trans-1,3-Dichloropropene
Concen: 0.763 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032480.D
Acq: 05 Jun 2019 22:47

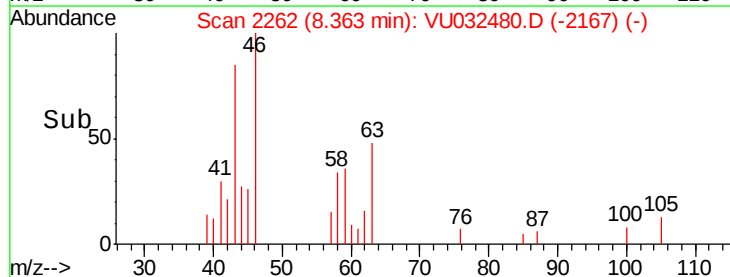
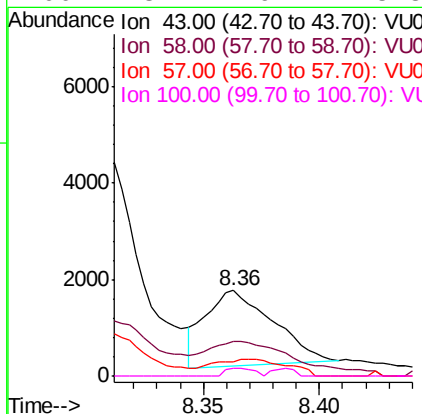
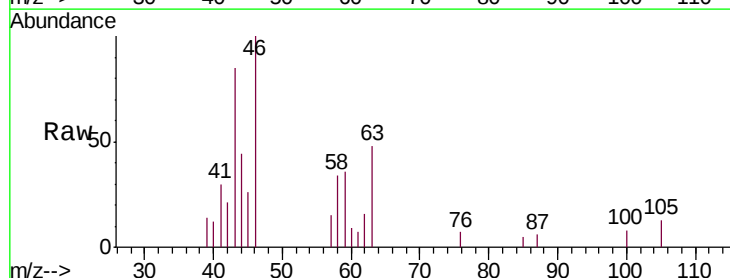
Instrument :
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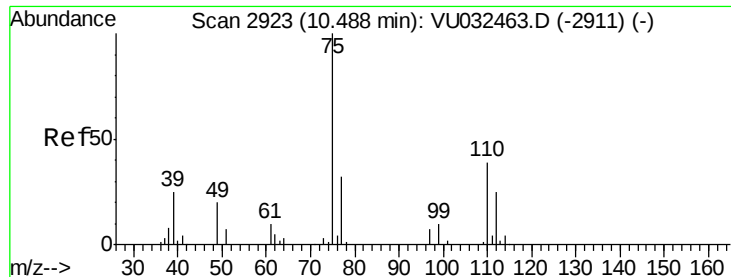
Tgt Ion: 75 Resp: 1567
Ion Ratio Lower Upper
75 100
77 34.5 22.1 41.1



#48
2-Hexanone
Concen: 1.634 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032480.D
Acq: 05 Jun 2019 22:47

Tgt Ion: 43 Resp: 3166
Ion Ratio Lower Upper
43 100
58 43.1 42.0 63.0
57 25.2 14.6 22.0#
100 3.2 9.2 13.8#





#59
 1,2,3-Trichloropropane
 Concen: 6.031 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032480.D
 Acq: 05 Jun 2019 22:47

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8L0

Tgt Ion: 75 Resp: 11494
 Ion Ratio Lower Upper
 75 100
 77 34.7 25.6 38.4

