

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112719\
 Data File : VU035886.D
 Acq On : 27 Nov 2019 10:55
 Operator : JC/SP
 Sample : K6057-03RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 05:00:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 04:57:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	230053	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	258517	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	66568	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	135016	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.93	69	128195	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.60	63	166581	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.69	46	300080	43.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.30%
24) Chloroform-d	5.11	84	226820	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.75	65	124787	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.77	84	436040	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.73	67	150499	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.93	98	336320	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	8.22	79	44656	3.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.00%
46) 2-Hexanone-d5	8.69	63	209989	40.40	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.80%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	116999	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	74186	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

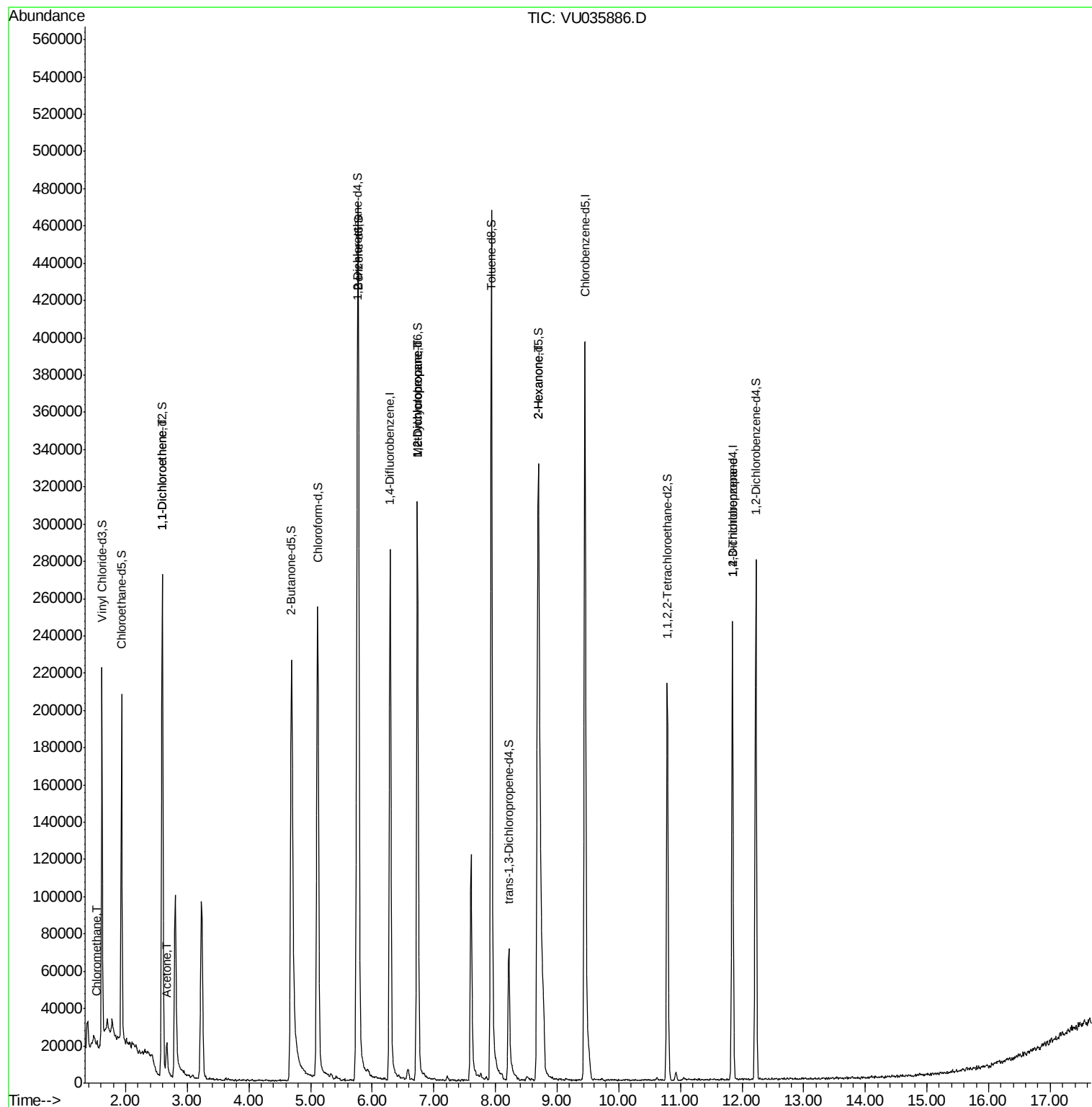
					Ovalue
3) Chloromethane	1.54	50	3471	0.090 ug/L	92
12) 1,1-Dichloroethene	2.59	96	1549	0.065 ug/L #	1
13) Acetone	2.67	43	20272	3.319 ug/L	94
35) Methylcyclohexane	6.73	83	34910	0.899 ug/L #	14
37) 1,2-Dichloropropane	6.73	63	16704	0.546 ug/L #	90
48) 2-Hexanone	8.69	43	36955	2.671 ug/L #	59
59) 1,2,3-Trichloropropane	11.84	75	8888	0.447 ug/L #	78

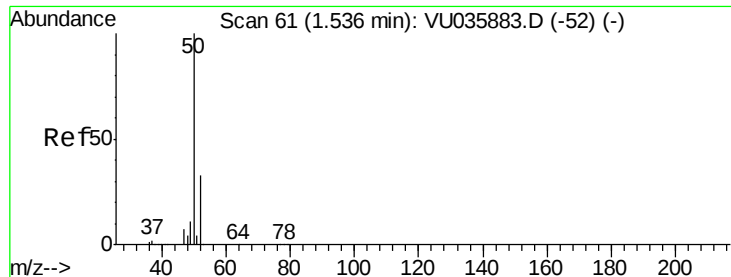
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.090 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU035886.D

Acq: 27 Nov 2019 10:55

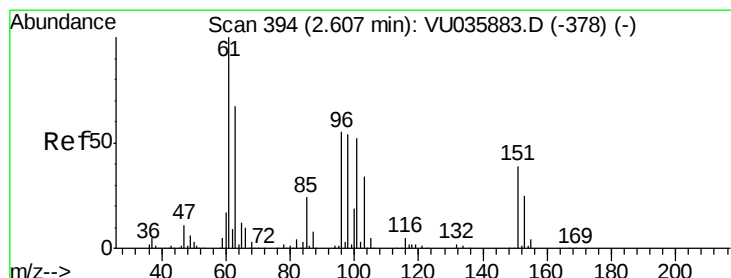
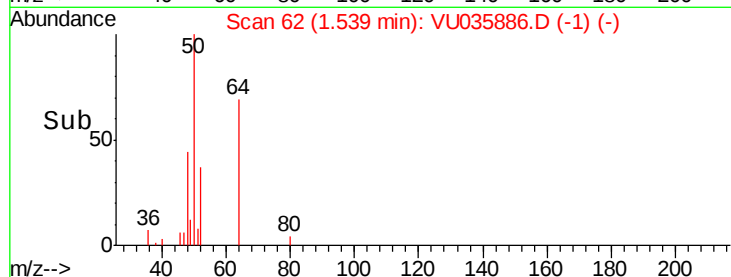
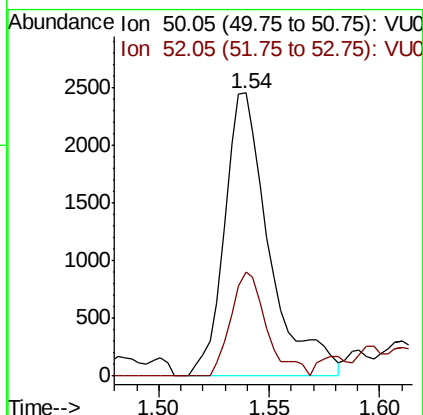
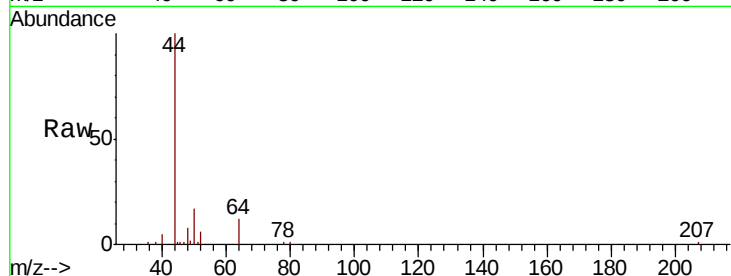
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 50 Resp: 3471

Ion Ratio Lower Upper

50 100

52 37.0 22.7 42.3



#12

1,1-Dichloroethene

Concen: 0.065 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU035886.D

Acq: 27 Nov 2019 10:55

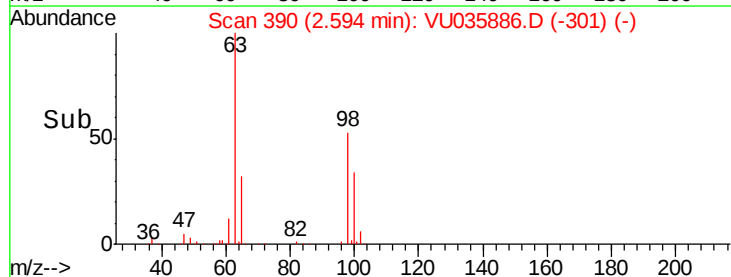
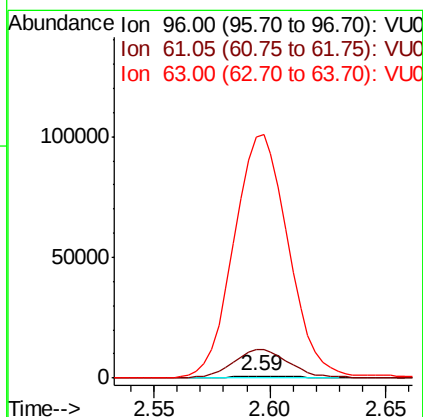
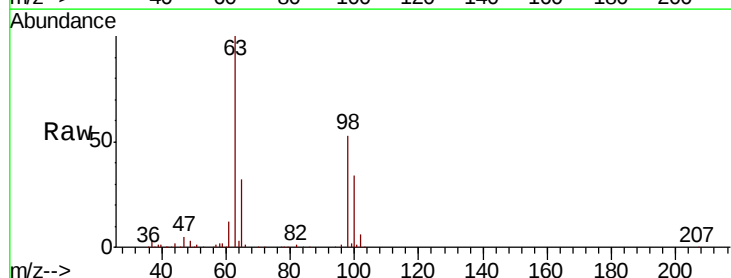
Tgt Ion: 96 Resp: 1549

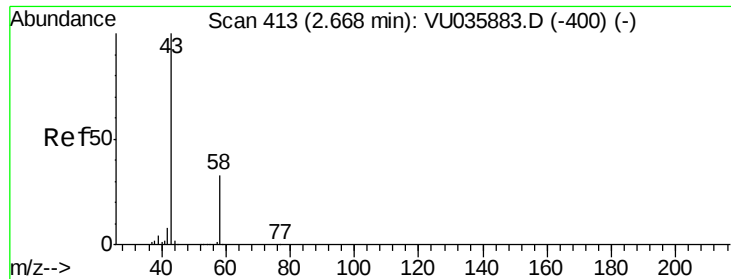
Ion Ratio Lower Upper

96 100

61 1598.9 139.3 258.7#

63 13440.6 93.7 174.1#





#13

Acetone

Concen: 3.319 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU035886.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_U

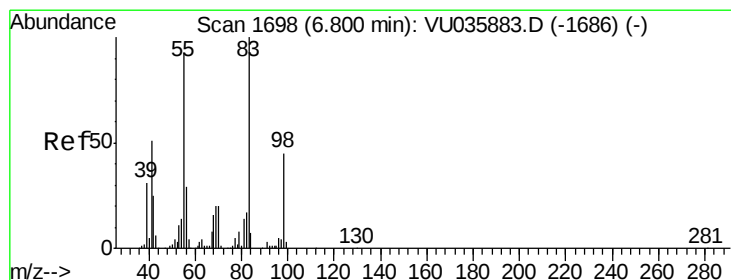
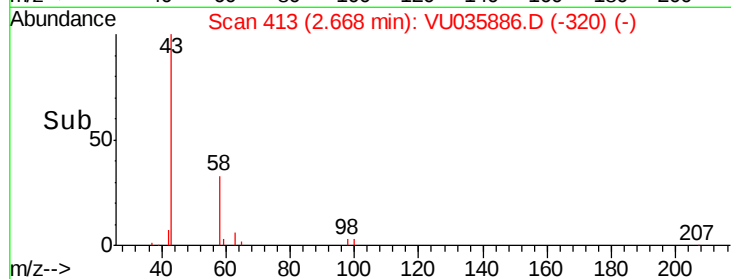
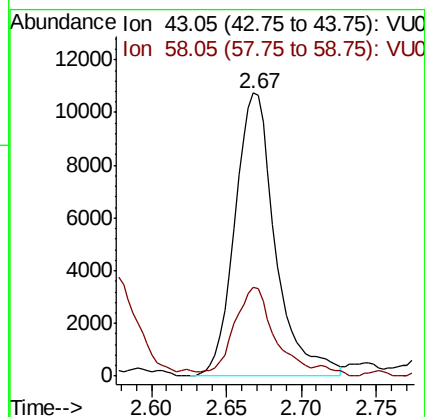
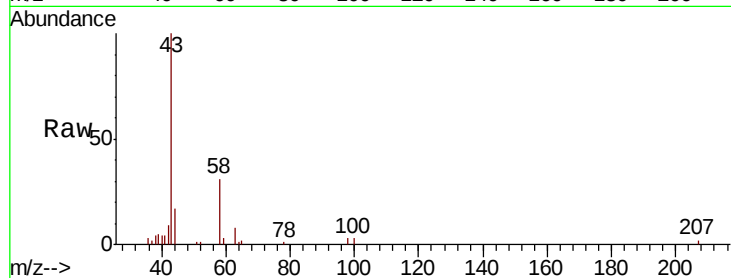
ClientSampled :

Tot Ion: 43 Resp: 20272

Ion Ratio Lower Upper

43 100

58 27.5 0.0 61.2



#35

Methylcyclohexane

Concen: 0.899 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035886.D

Acq: 27 Nov 2019 10:55

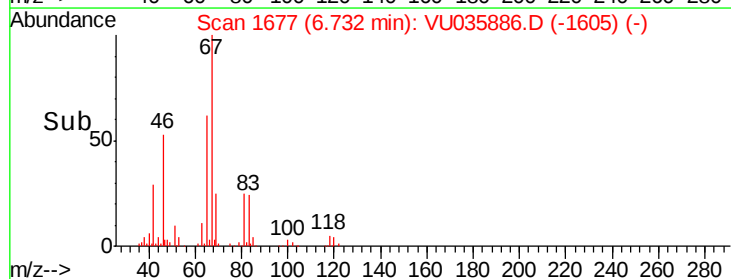
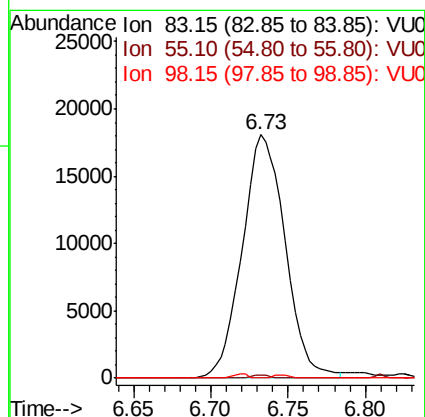
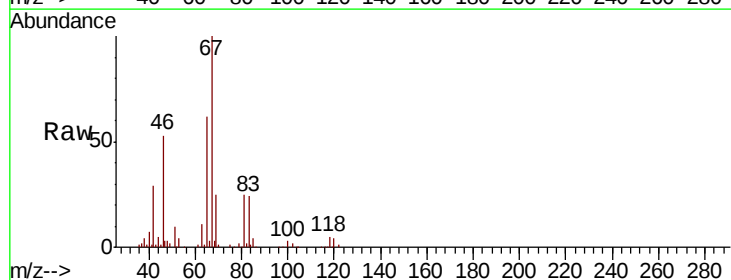
Tgt Ion: 83 Resp: 34910

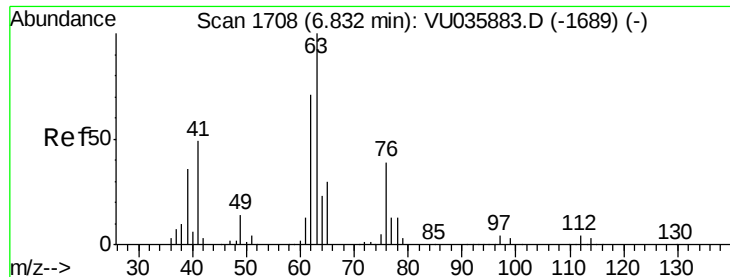
Ion Ratio Lower Upper

83 100

55 0.5 72.7 109.1#

98 0.5 36.2 54.4#





#37

1,2-Dichloropropane

Concen: 0.546 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU035886.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_U

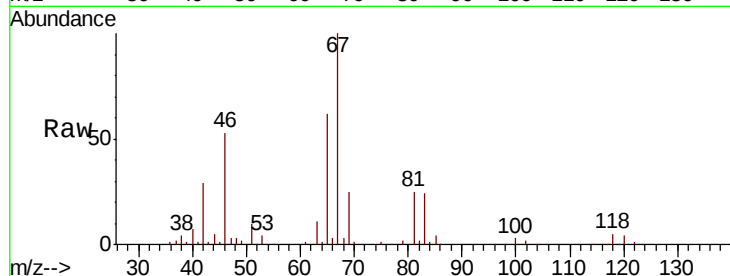
ClientSampleId :

Tot Ion: 63 Resp: 16704

Ion Ratio Lower Upper

63 100

112 0.1 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU035886.D (-1689) (-)

Ion 112.10 (111.80 to 112.80): VU035886.D (-1689) (-)

6.73

8000

6000

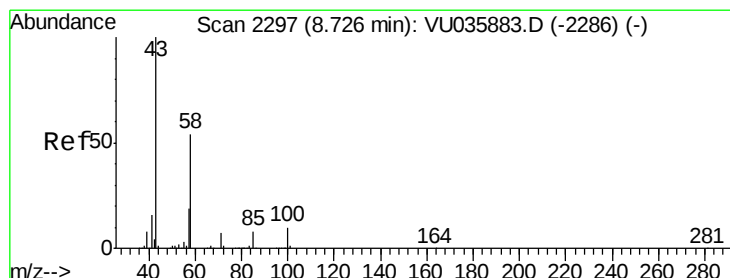
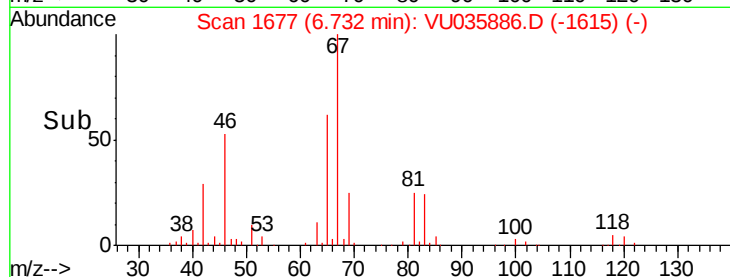
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#48

2-Hexanone

Concen: 2.671 ug/L

RT: 8.69 min Scan# 2287

Delta R.T. -0.03 min

Lab File: VU035886.D

Acq: 27 Nov 2019 10:55

Tgt Ion: 43 Resp: 36955

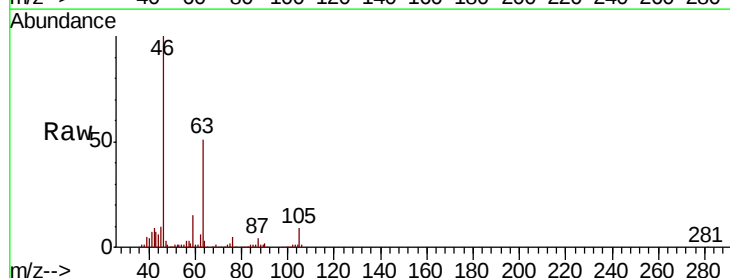
Ion Ratio Lower Upper

43 100

58 14.0 39.8 59.8#

57 26.3 14.0 21.0#

100 1.3 7.2 10.8#



Abundance Ion 43.05 (42.75 to 43.75): VU035886.D (-2286) (-)

Ion 58.05 (57.75 to 58.75): VU035886.D (-2286) (-)

Ion 57.20 (56.90 to 57.90): VU035886.D (-2286) (-)

Ion 100.15 (99.85 to 100.85): VU035886.D (-2286) (-)

8.69

12000

10000

8000

6000

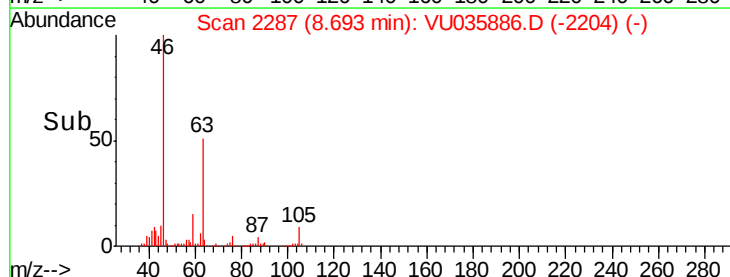
4000

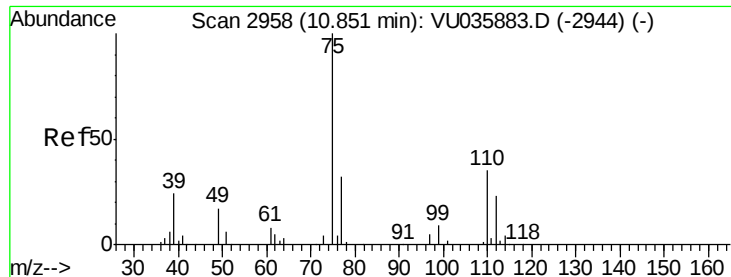
2000

0

8.60 8.70 8.80 8.90

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.447 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035886.D

Acq: 27 Nov 2019 10:55

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 8888

Ion Ratio Lower Upper

75 100

77 43.9 25.4 38.2#

