

Data File : VU031737.D
Acq On : 03 May 2019 10:15
Operator : JC/SP
Sample : K2661-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B32

Quant Time: May 04 02:38:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	893978	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	838705	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	349156	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	373657	49.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.88%
7) Chloroethane-d5	1.68	69	286070	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.96%
11) 1,1-Dichloroethene-d2	2.27	63	533883	35.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.66%
21) 2-Butanone-d5	4.19	46	637313	94.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.01%
24) Chloroform-d	4.64	84	580845	42.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.78%
26) 1,2-Dichloroethane-d4	5.31	65	394944	44.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.24%
32) Benzene-d6	5.34	84	1243552	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
36) 1,2-Dichloropropane-d6	6.32	67	425059	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.82%
41) Toluene-d8	7.56	98	1046070	46.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.26%
43) trans-1,3-Dichloropropene-	7.85	79	176822	45.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.92%
47) 2-Hexanone-d5	8.31	63	404283	103.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	536132	44.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.18%
64) 1,2-Dichlorobenzene-d4	11.85	152	340671	46.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.78%

Target Compounds

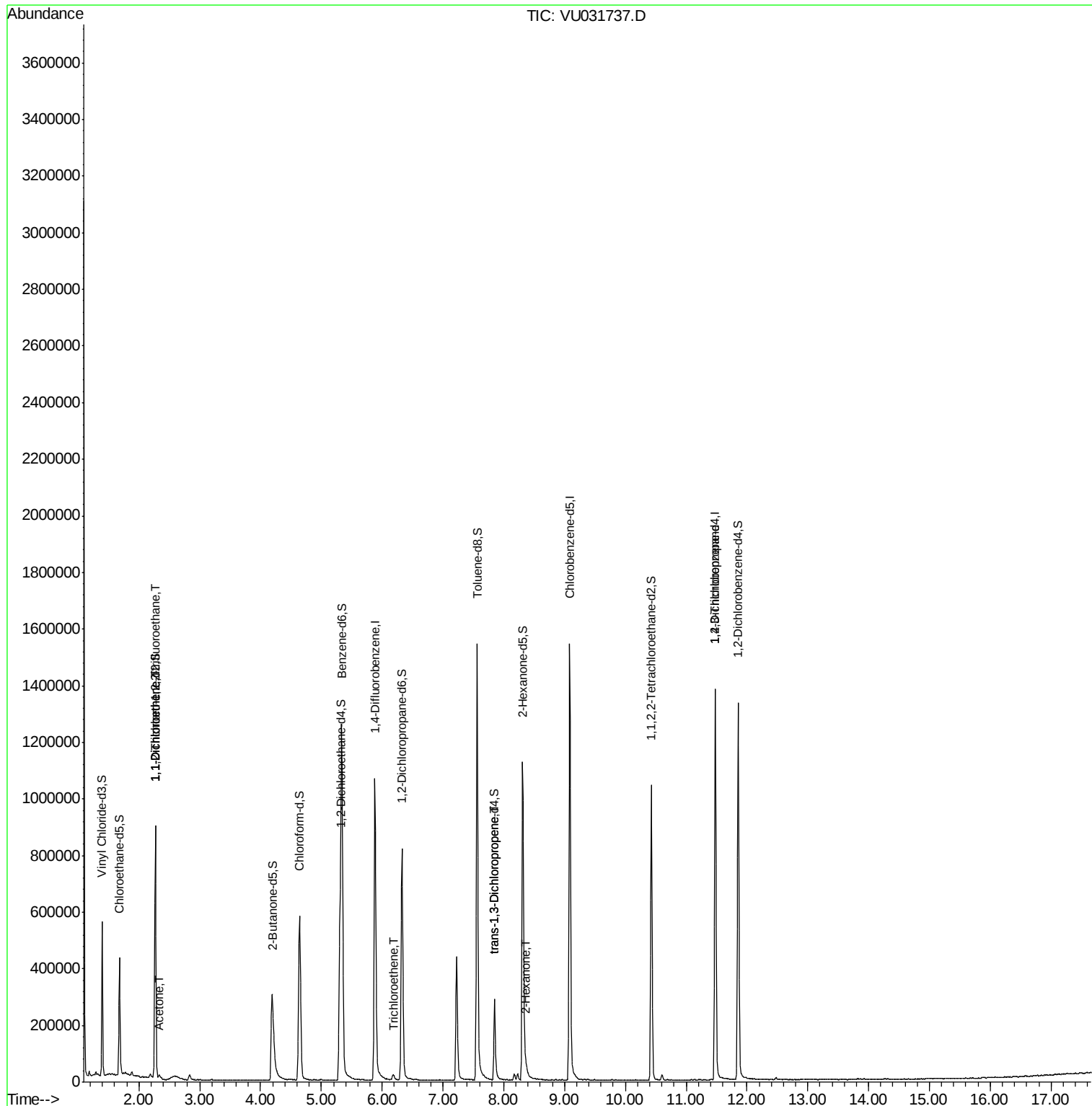
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4508	0.629 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	3905	0.560 ug/L #	1
13) Acetone	2.34	43	6834	0.895 ug/L	82
34) Trichloroethene	6.19	95	4814	0.644 ug/L	85
44) trans-1,3-Dichloropropene	7.85	75	6470	0.617 ug/L	93
48) 2-Hexanone	8.37	43	15249	1.400 ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	50032	4.821 ug/L	97

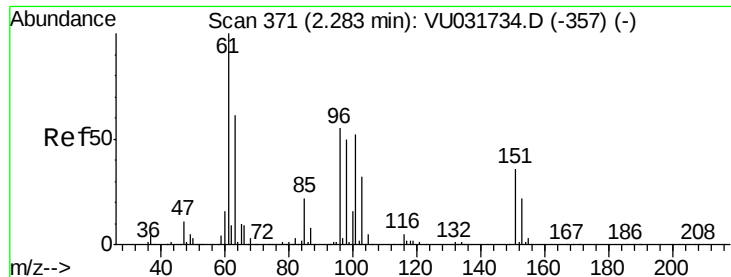
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.629 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Acq: 03 May 2019 10:15

Instrument :

MSVOA_U

ClientSampled :

C0B32

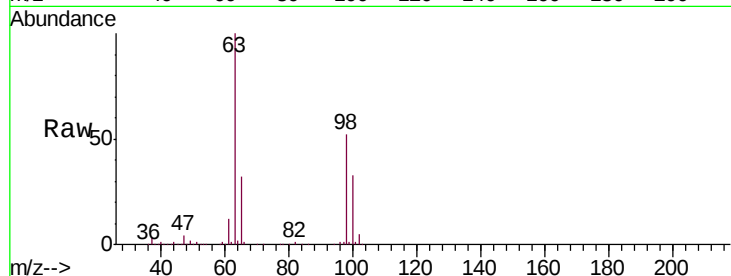
Tgt Ion: 101 Resp: 4508

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

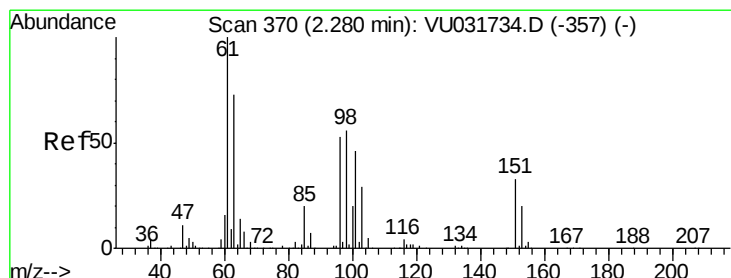
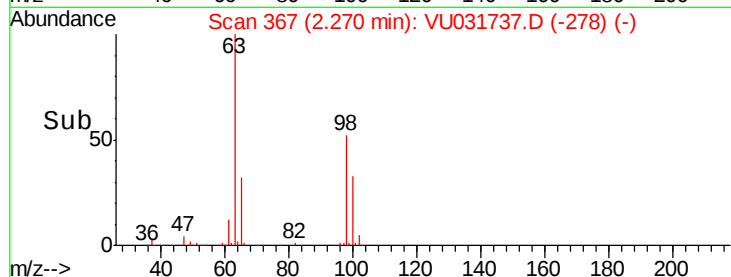
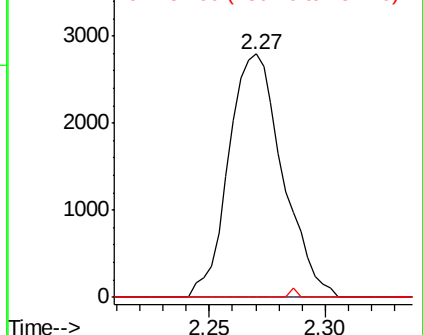
151 0.0 56.1 84.1#



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: 0.560 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031737.D

Acq: 03 May 2019 10:15

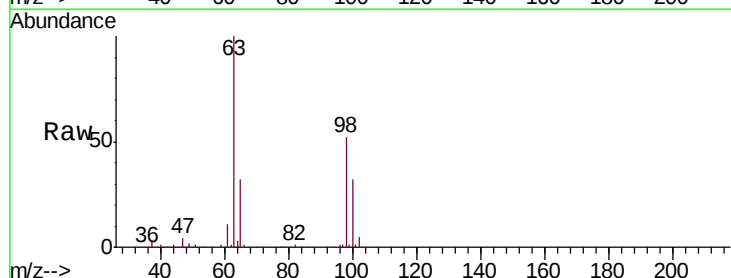
Tgt Ion: 96 Resp: 3905

Ion Ratio Lower Upper

96 100

61 1606.8 135.0 250.6#

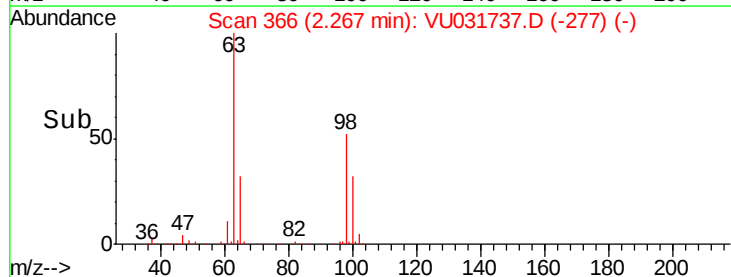
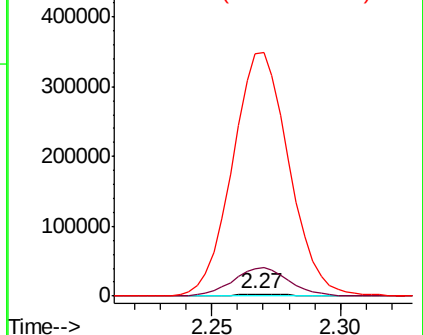
63 13989.7 103.5 192.3#

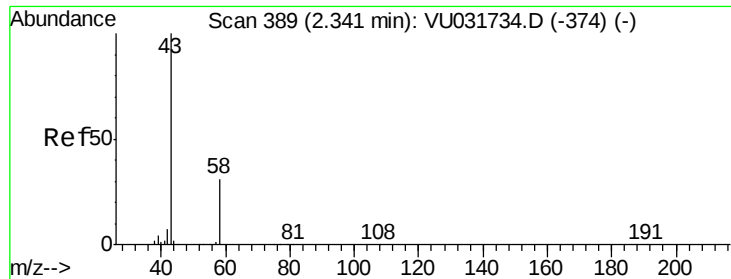


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.895 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

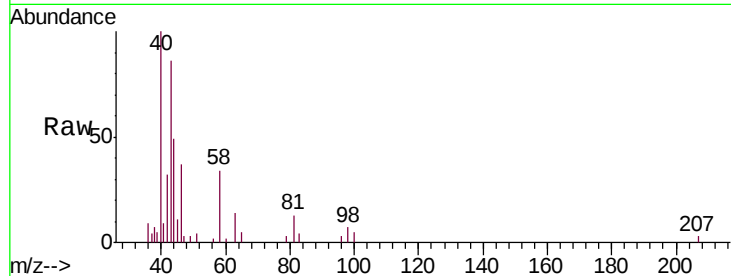
C0B32

Tgt Ion: 43 Resp: 6834

Ion Ratio Lower Upper

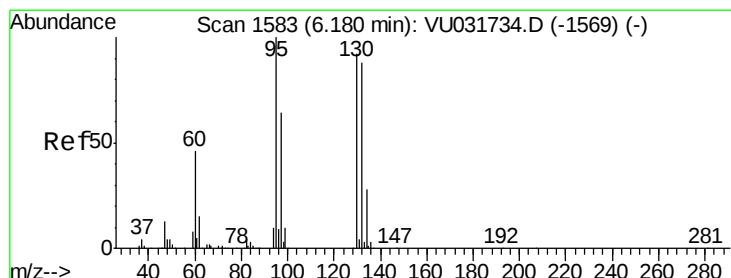
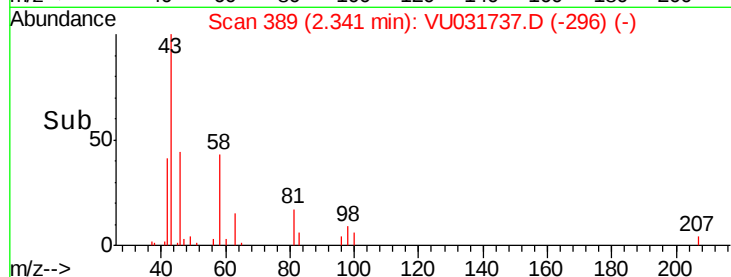
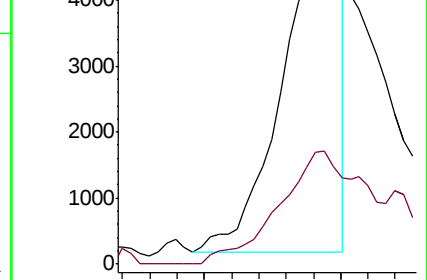
43 100

58 42.3 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031737.D (-374) (-)

Ion 58.00 (57.70 to 58.70): VU031737.D (-374) (-)



#34

Trichloroethene

Concen: 0.644 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU031737.D

Acq: 03 May 2019 10:15

Tgt Ion: 95 Resp: 4814

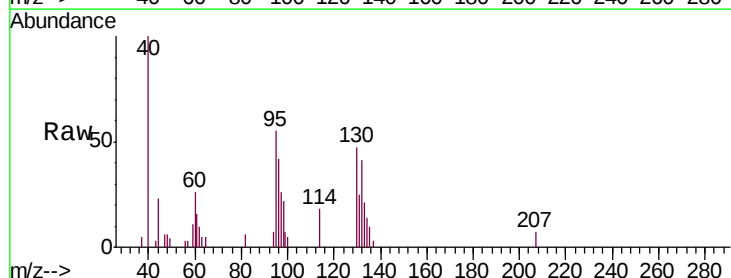
Ion Ratio Lower Upper

95 100

97 48.0 44.8 83.2

132 73.9 63.1 117.1

130 85.8 66.5 123.5

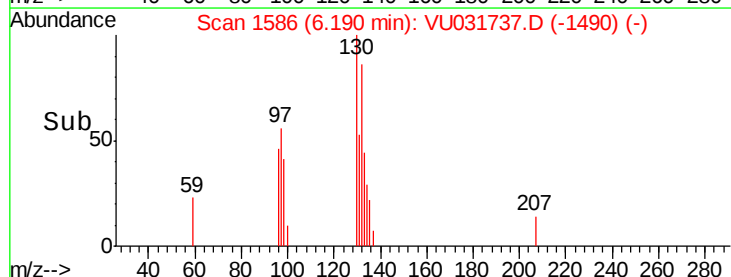
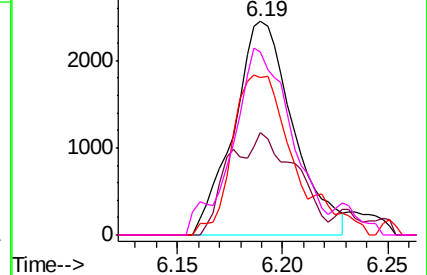


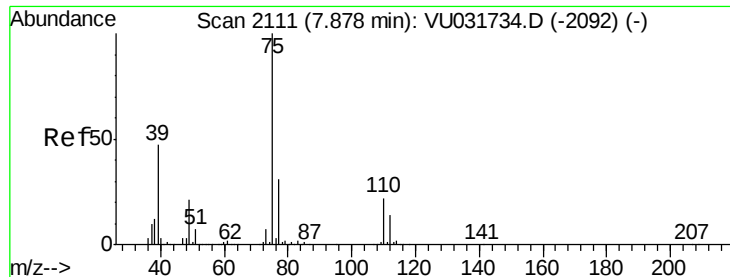
Abundance Ion 95.00 (94.70 to 95.70): VU031737.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031737.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031737.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031737.D (-1569) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.617 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031737.D

Acq: 03 May 2019 10:15

Instrument :

MSVOA_U

ClientSampleId :

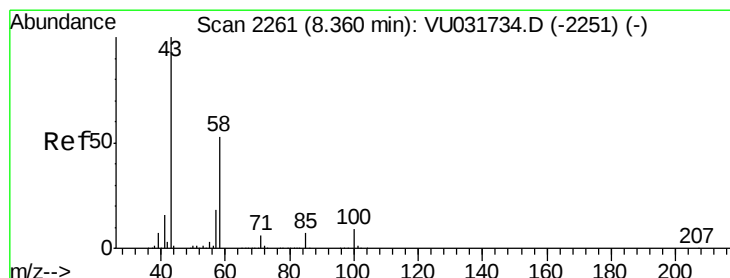
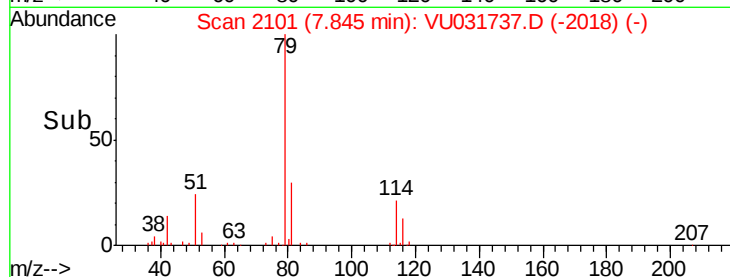
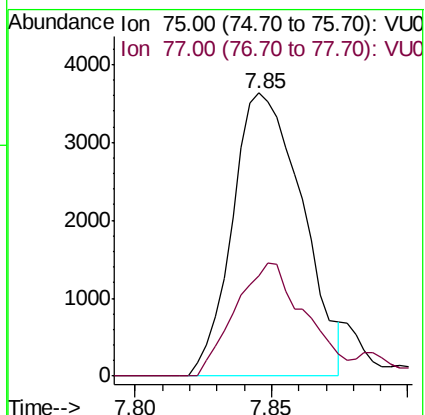
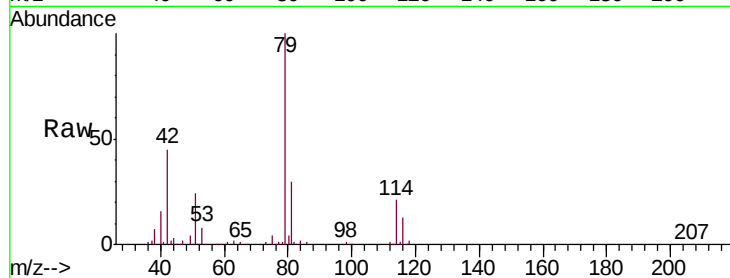
C0B32

Tgt Ion: 75 Resp: 6470

Ion Ratio Lower Upper

75 100

77 35.6 22.1 41.1



#48

2-Hexanone

Concen: 1.400 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU031737.D

Acq: 03 May 2019 10:15

Tgt Ion: 43 Resp: 15249

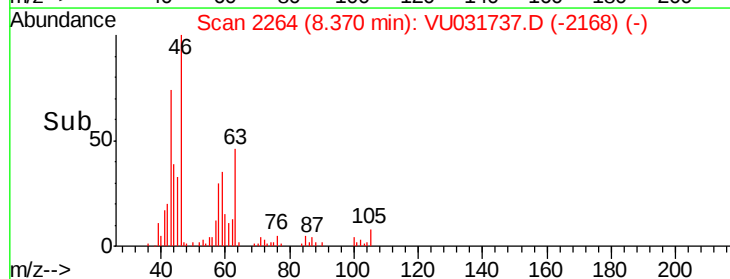
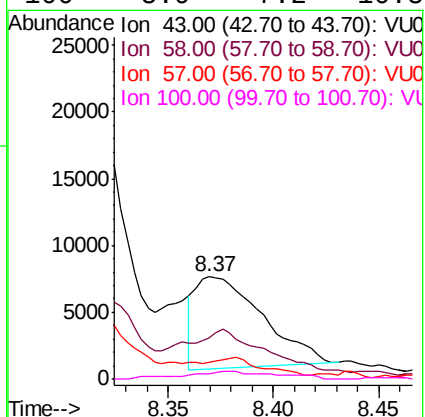
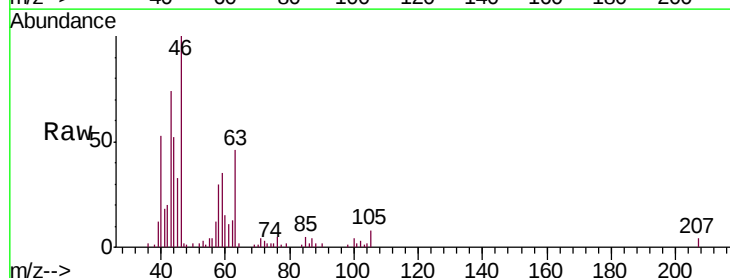
Ion Ratio Lower Upper

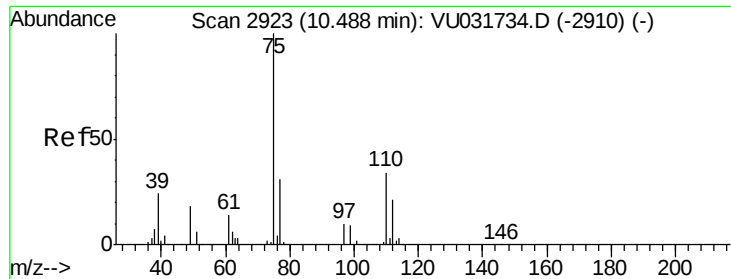
43 100

58 45.0 42.1 63.1

57 0.0 14.6 22.0#

100 5.9 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 4.821 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031737.D

Acq: 03 May 2019 10:15

Instrument :

MSVOA_U

ClientSampleId :

C0B32

Tgt Ion: 75 Resp: 50032

Ion Ratio Lower Upper

75 100

77 33.8 25.9 38.9

