

Data File : VU033135.D
Acq On : 02 Jul 2019 12:57
Operator : JC/SP
Sample : K3608-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAMM6

Quant Time: Jul 03 02:17:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 02:14:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	94105	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	93289	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45537	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36384	6.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	133.60%#
7) Chloroethane-d5	1.68	69	28569	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.60%
11) 1,1-Dichloroethene-d2	2.27	63	54571	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	4.19	46	91040	45.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.82%
24) Chloroform-d	4.64	84	65175	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.30	65	36483	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.33	84	123953	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.33	67	40074	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.56	98	110838	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	7.85	79	15608	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.31	63	59120	44.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	30452	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	44960	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

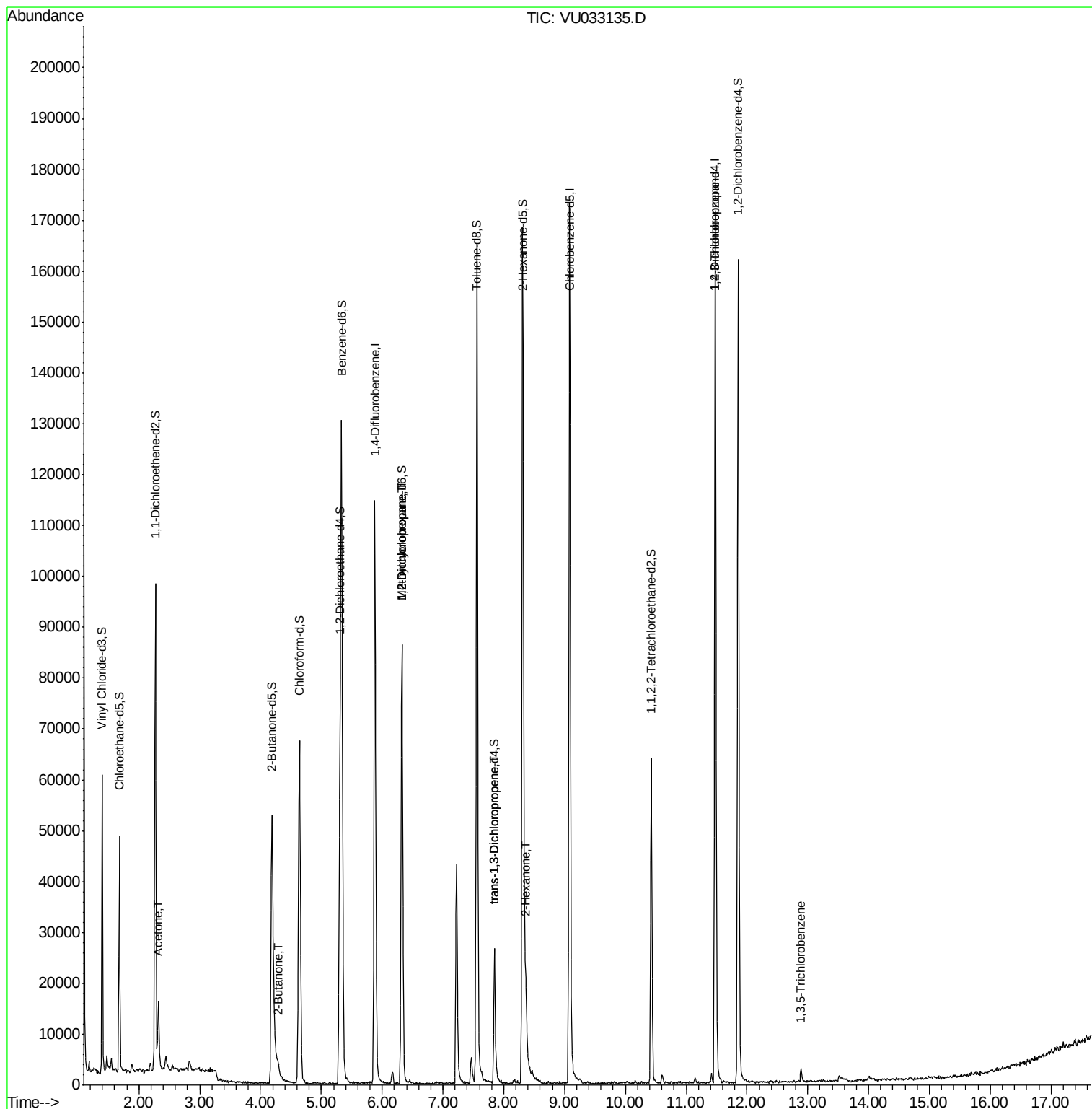
						Qvalue
13) Acetone	2.32	43	13993	8.777	ug/L	97
21) 2-Butanone	4.29	43	3954	1.715	ug/L	83
35) Methylcyclohexane	6.32	83	9219	0.826	ug/L #	18
37) 1,2-Dichloropropane	6.32	63	4700	0.621	ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	816	0.092	ug/L #	79
48) 2-Hexanone	8.36	43	8958	2.352	ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	5943	1.155	ug/L	89
67) 1,3,5-Trichlorobenzene	12.89	180	1406	0.126	ug/L #	93

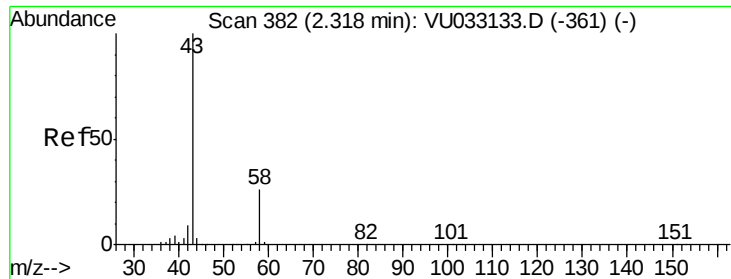
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.777 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU033135.D

Acq: 02 Jul 2019 12:57

Instrument :

MSVOA_U

ClientSampleId :

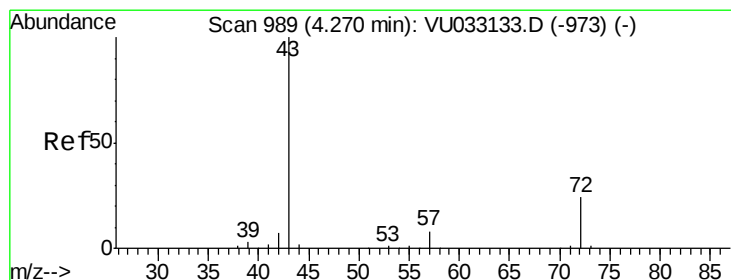
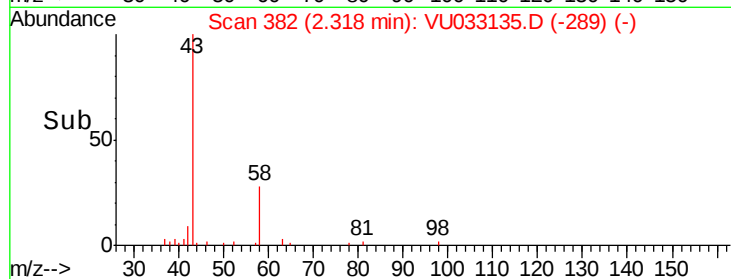
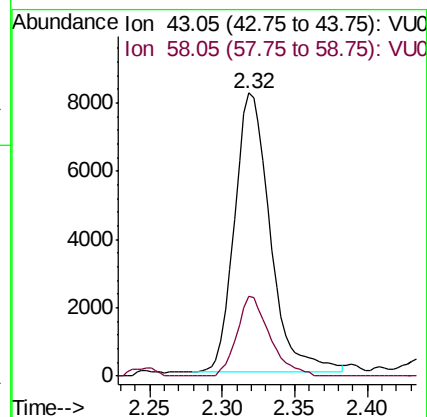
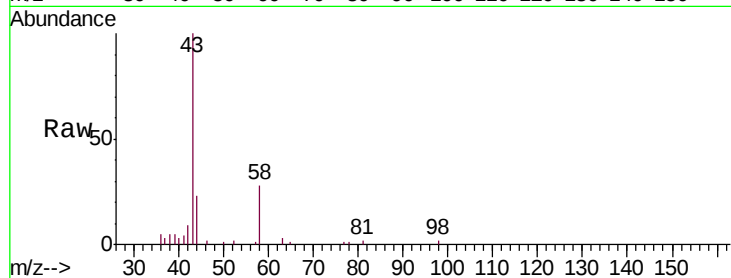
GAMM6

Tgt Ion: 43 Resp: 13993

Ion Ratio Lower Upper

43 100

58 26.3 0.0 55.4



#21

2-Butanone

Concen: 1.715 ug/L

RT: 4.29 min Scan# 995

Delta R.T. 0.02 min

Lab File: VU033135.D

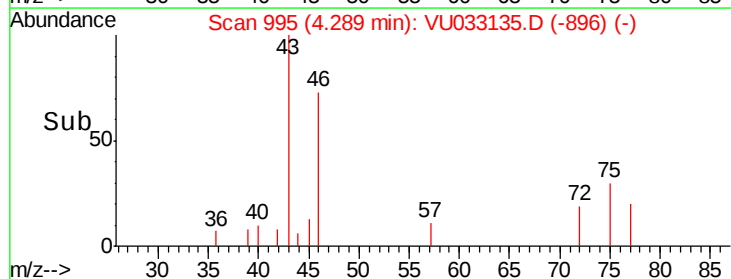
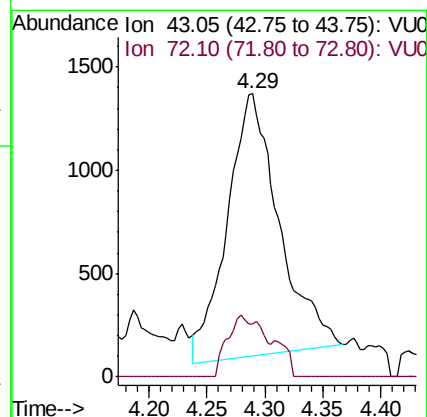
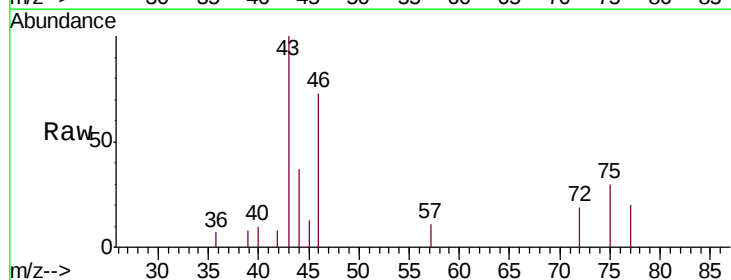
Acq: 02 Jul 2019 12:57

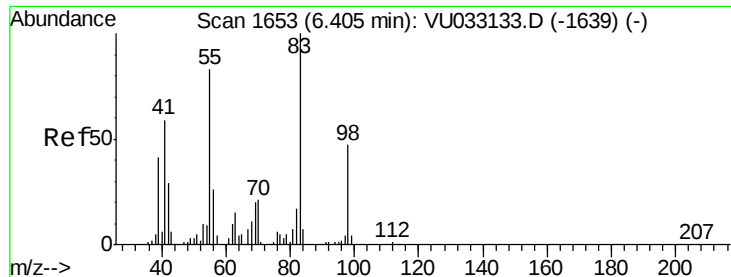
Tgt Ion: 43 Resp: 3954

Ion Ratio Lower Upper

43 100

72 16.0 12.1 36.3





#35

Methylcyclohexane

Concen: 0.826 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU033135.D

Acq: 02 Jul 2019 12:57

Instrument :

MSVOA_U

ClientSampleId :

GAMM6

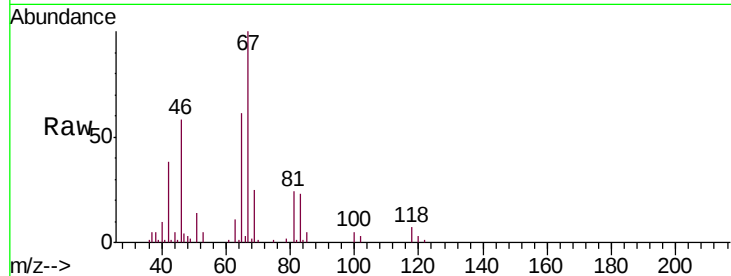
Tgt Ion: 83 Resp: 9219

Ion Ratio Lower Upper

83 100

55 0.0 66.5 99.7#

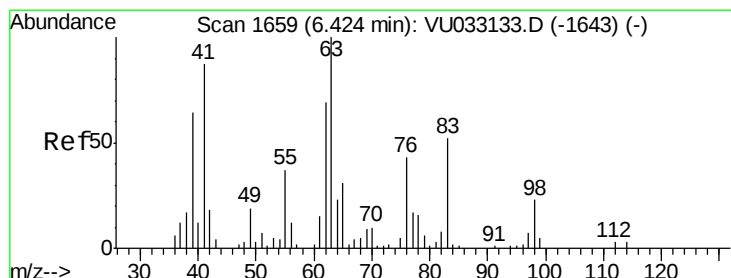
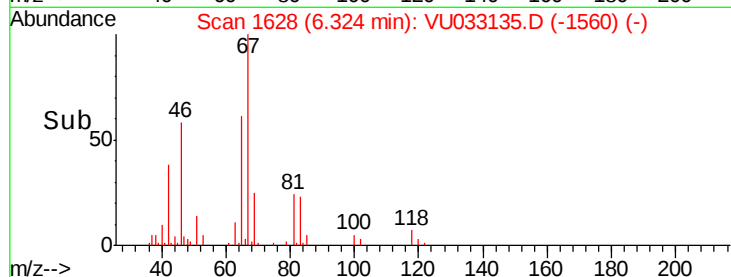
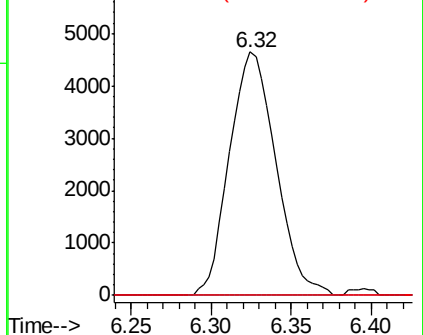
98 3.6 37.1 55.7#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 0.621 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.10 min

Lab File: VU033135.D

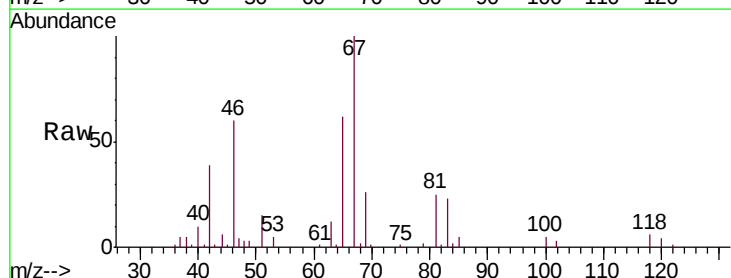
Acq: 02 Jul 2019 12:57

Tgt Ion: 63 Resp: 4700

Ion Ratio Lower Upper

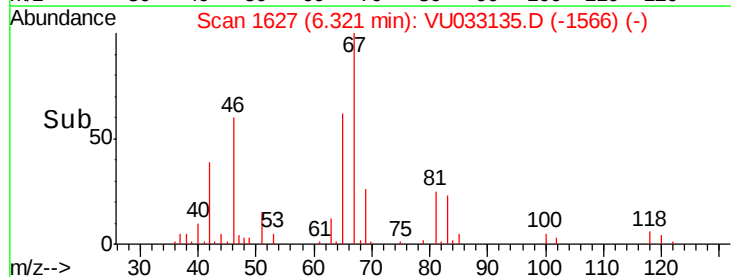
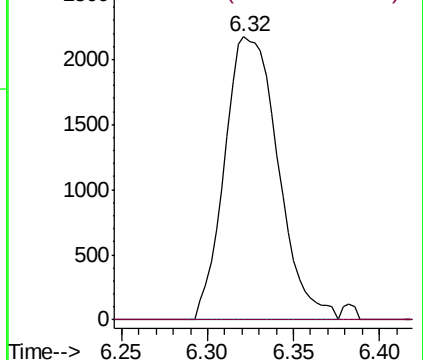
63 100

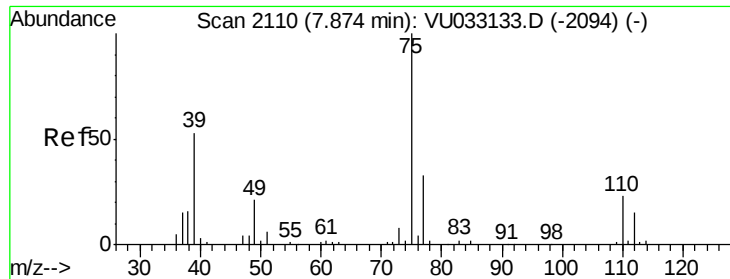
112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU033135.D

Acq: 02 Jul 2019 12:57

Instrument :

MSVOA_U

ClientSampleId :

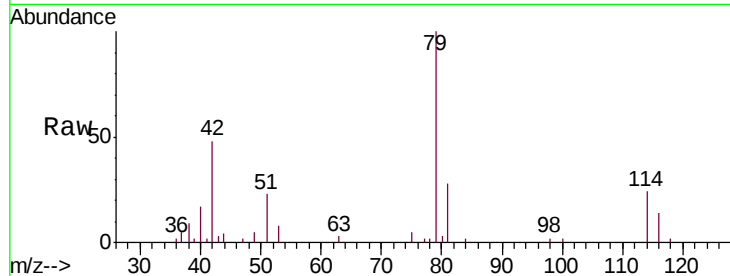
GAMM6

Tgt Ion: 75 Resp: 816

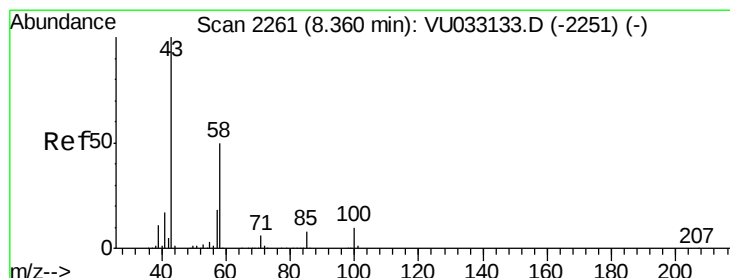
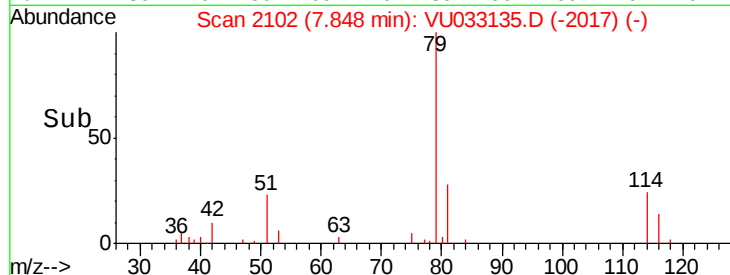
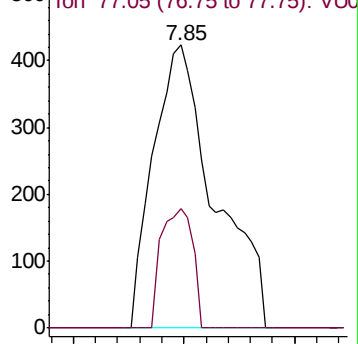
Ion Ratio Lower Upper

75 100

77 42.3 21.6 40.2#



Abundance Ion 75.05 (74.75 to 75.75): VU033135.D (-2102) (-)



#48

2-Hexanone

Concen: 2.352 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU033135.D

Acq: 02 Jul 2019 12:57

Tgt Ion: 43 Resp: 8958

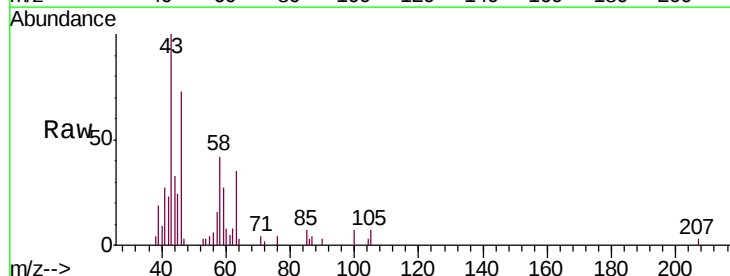
Ion Ratio Lower Upper

43 100

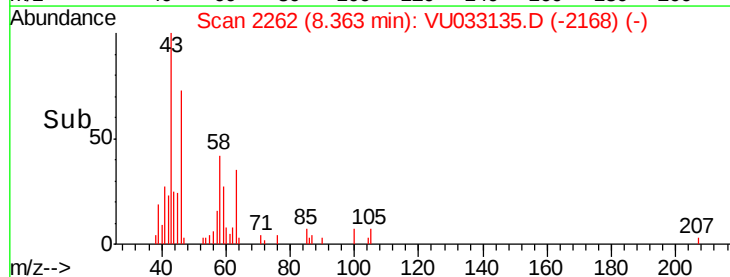
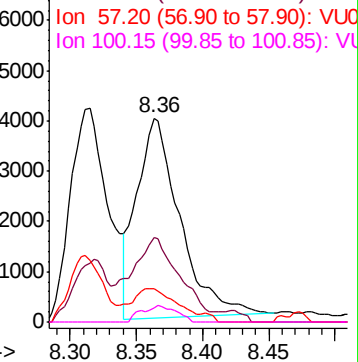
58 39.7 39.0 58.6

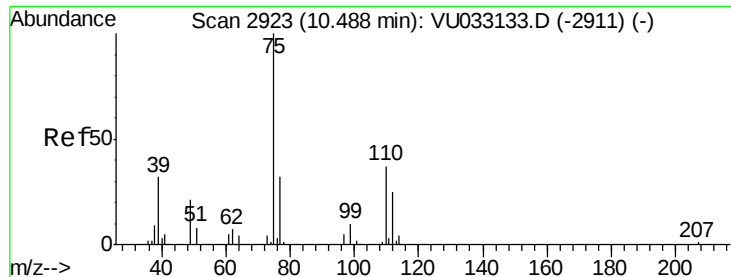
57 12.7 13.9 20.9#

100 6.4 8.6 12.8#



Abundance Ion 43.05 (42.75 to 43.75): VU033135.D (-2262) (-)





#59

1,2,3-Trichloropropane

Concen: 1.155 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033135.D

Acq: 02 Jul 2019 12:57

Instrument :

MSVOA_U

ClientSampleId :

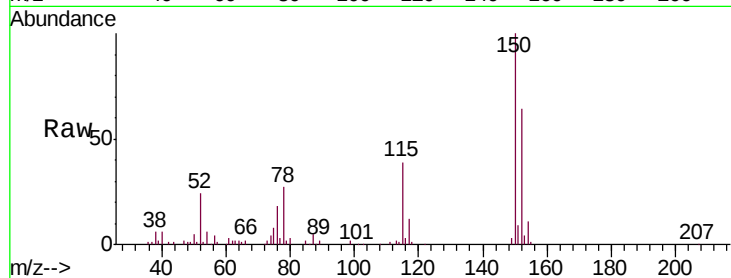
GAMM6

Tgt Ion: 75 Resp: 5943

Ion Ratio Lower Upper

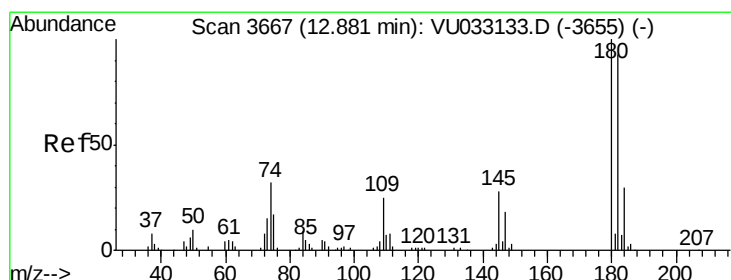
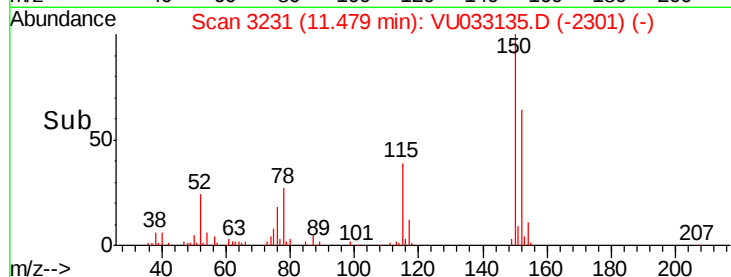
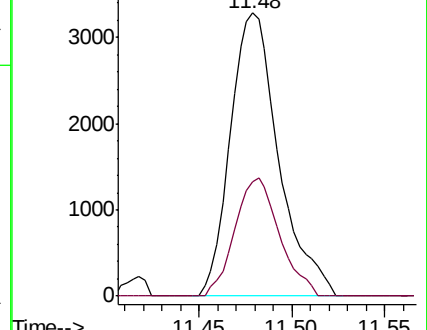
75 100

77 38.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU033133.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU033133.D (-2911) (-)



#67

1,3,5-Trichlorobenzene

Concen: 0.126 ug/L

RT: 12.89 min Scan# 3670

Delta R.T. 0.01 min

Lab File: VU033135.D

Acq: 02 Jul 2019 12:57

Tgt Ion: 180 Resp: 1406

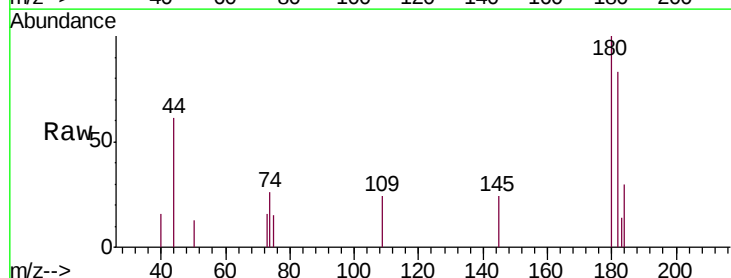
Ion Ratio Lower Upper

180 100

182 95.9 78.3 117.5

184 24.5 24.2 36.2

145 19.2 23.4 35.2#



Abundance Ion 180.00 (179.70 to 180.70): VU033133.D (-3655) (-)

Ion 182.00 (181.70 to 182.70): VU033133.D (-3655) (-)

Ion 184.00 (183.70 to 184.70): VU033133.D (-3655) (-)

Ion 145.00 (144.70 to 145.70): VU033133.D (-3655) (-)

