

Data File : VU035848.D
Acq On : 26 Nov 2019 11:13
Operator : JC/SP
Sample : K5992-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARE8

Quant Time: Nov 27 01:21:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	225806	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	260448	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	85668	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	161400	5.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.40%
7) Chloroethane-d5	1.93	69	142583	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.59	63	197628	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.69	46	333332	48.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.66%
24) Chloroform-d	5.11	84	255678	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.75	65	138713	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.77	84	486319	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.73	67	167377	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.93	98	387885	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.21	79	55774	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.68	63	252323	48.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.36%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	130934	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	102916	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

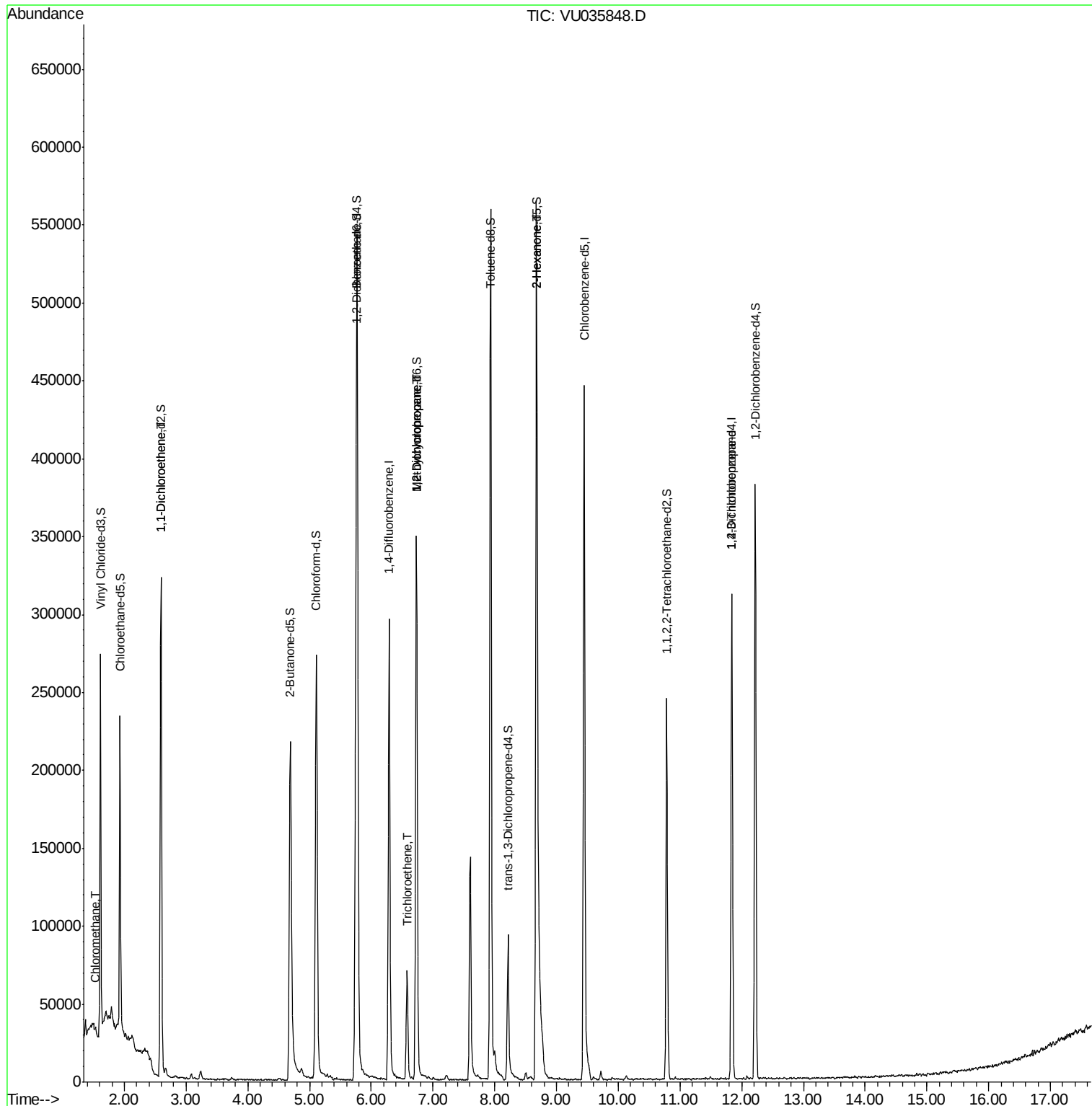
					Qvalue
3) Chloromethane	1.54	50	3848	0.102 ug/L	93
12) 1,1-Dichloroethene	2.60	96	1594	0.068 ug/L #	1
34) Trichloroethene	6.58	95	24658	0.925 ug/L	95
35) Methylcyclohexane	6.73	83	35627	0.911 ug/L #	14
37) 1,2-Dichloropropane	6.73	63	19125	0.620 ug/L #	91
48) 2-Hexanone	8.68	43	27712	1.988 ug/L #	69
59) 1,2,3-Trichloropropane	11.84	75	11312	0.564 ug/L #	79

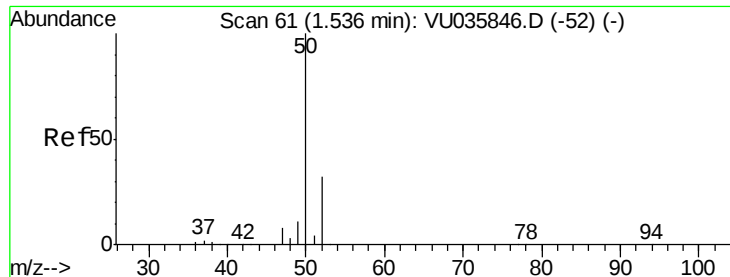
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.102 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU035848.D

Acq: 26 Nov 2019 11:13

Instrument :

MSVOA_U

ClientSampleId :

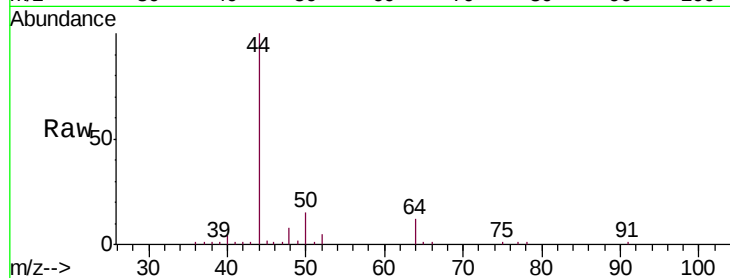
GARE8

Tgt Ion: 50 Resp: 3848

Ion Ratio Lower Upper

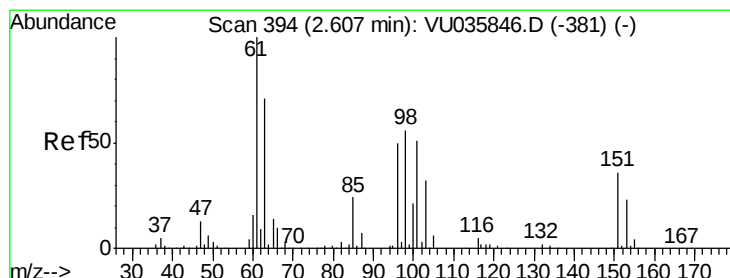
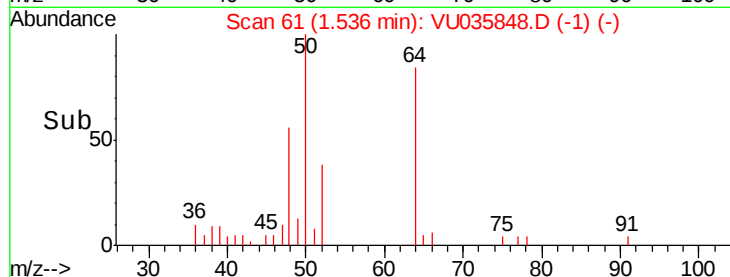
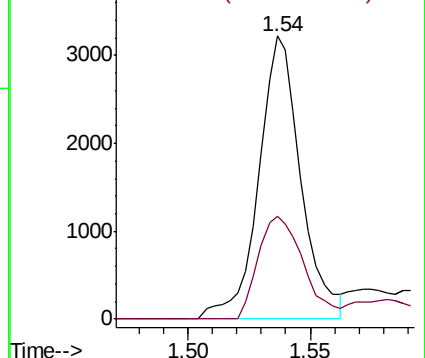
50 100

52 36.2 22.7 42.3



Abundance Ion 50.05 (49.75 to 50.75): VU035848.D (-52) (-)

Ion 52.05 (51.75 to 52.75): VU035848.D (-52) (-)



#12

1,1-Dichloroethene

Concen: 0.068 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU035848.D

Acq: 26 Nov 2019 11:13

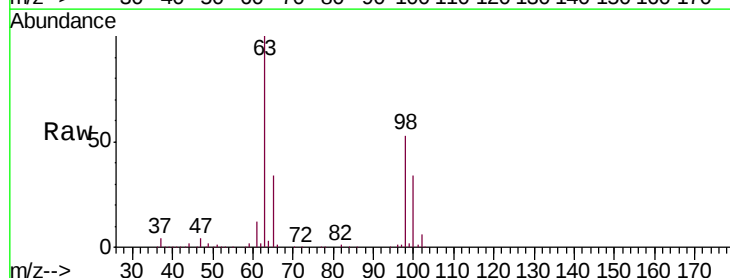
Tgt Ion: 96 Resp: 1594

Ion Ratio Lower Upper

96 100

61 1246.1 139.3 258.7#

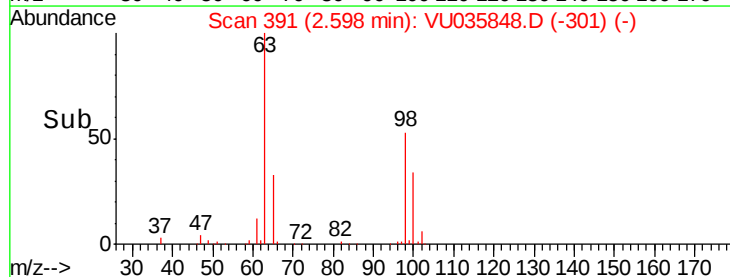
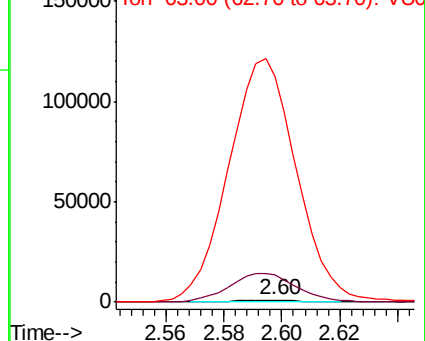
63 10541.6 93.7 174.1#

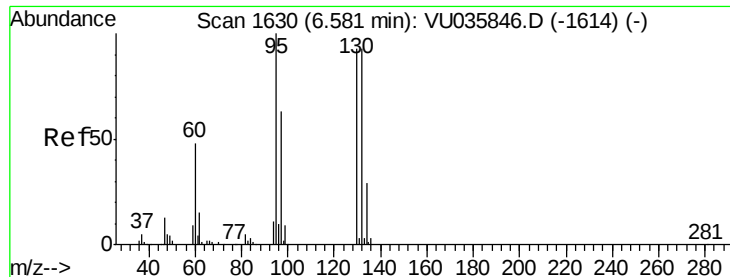


Abundance Ion 96.00 (95.70 to 96.70): VU035848.D (-381) (-)

Ion 61.05 (60.75 to 61.75): VU035848.D (-381) (-)

Ion 63.00 (62.70 to 63.70): VU035848.D (-381) (-)





#34

Trichloroethene

Concen: 0.925 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035848.D

Acq: 26 Nov 2019 11:13

Instrument :

MSVOA_U

ClientSampleId :

GARE8

Tgt Ion: 95 Resp: 24658

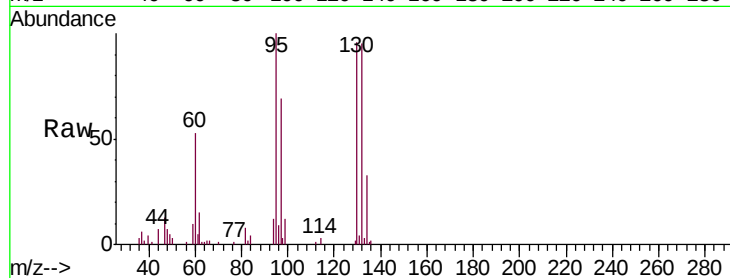
Ion Ratio Lower Upper

95 100

97 69.2 45.1 83.9

132 95.0 61.9 114.9

130 96.3 66.3 123.1

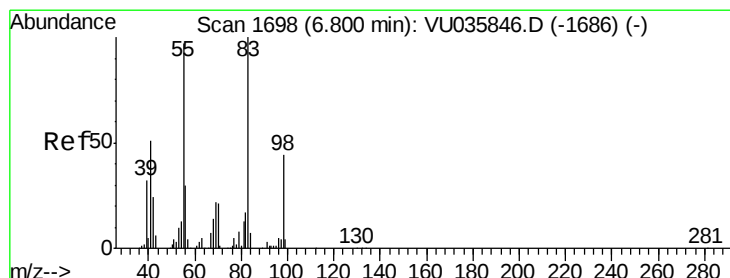
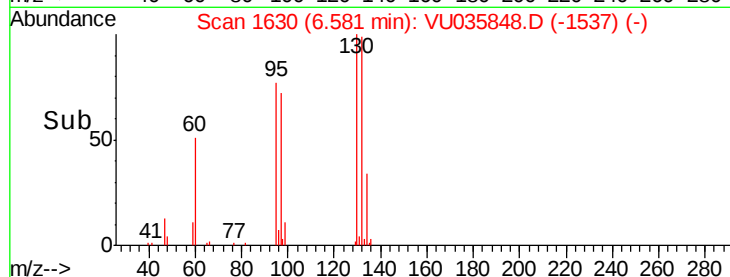
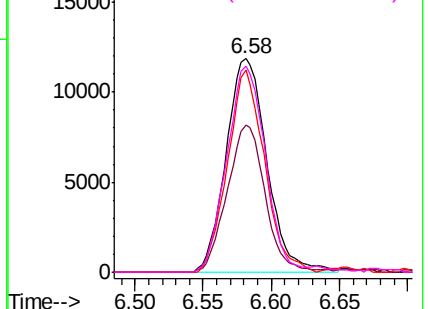


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.911 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035848.D

Acq: 26 Nov 2019 11:13

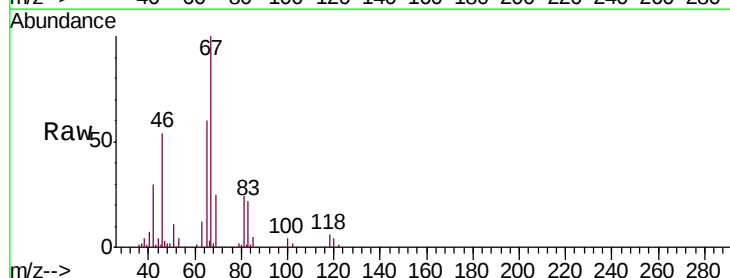
Tgt Ion: 83 Resp: 35627

Ion Ratio Lower Upper

83 100

55 0.6 72.7 109.1#

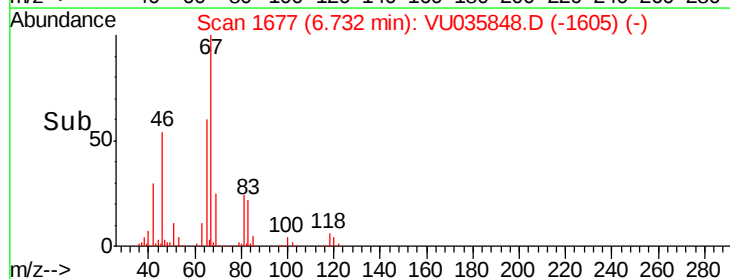
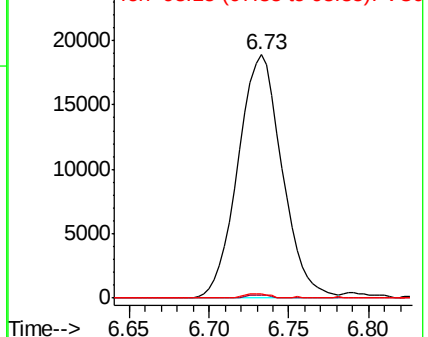
98 0.9 36.2 54.4#

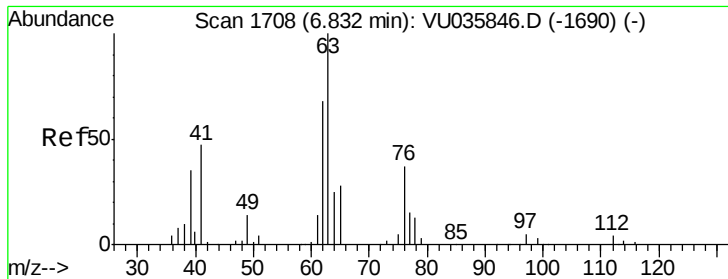


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.620 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU035848.D

Acq: 26 Nov 2019 11:13

Instrument :

MSVOA_U

ClientSampled :

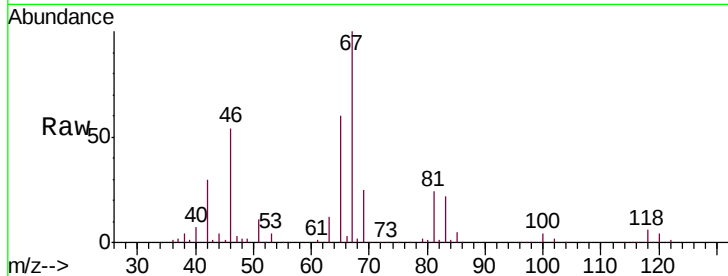
GARE8

Tgt Ion: 63 Resp: 19125

Ion Ratio Lower Upper

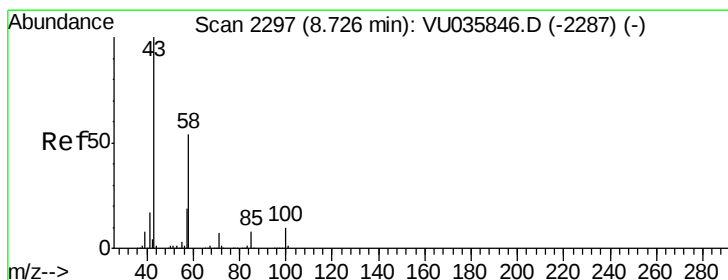
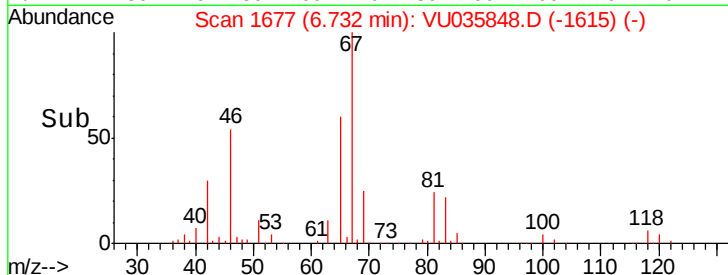
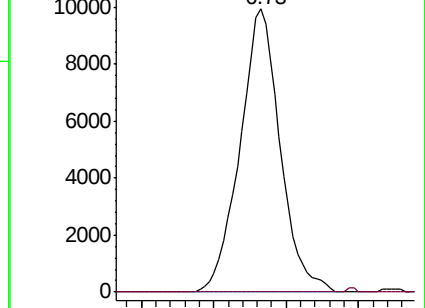
63 100

112 0.3 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU035848.D (-1690) (-)

Ion 112.10 (111.80 to 112.80): VU035848.D (-1690) (-)



#48

2-Hexanone

Concen: 1.988 ug/L

RT: 8.68 min Scan# 2282

Delta R.T. -0.05 min

Lab File: VU035848.D

Acq: 26 Nov 2019 11:13

Tgt Ion: 43 Resp: 27712

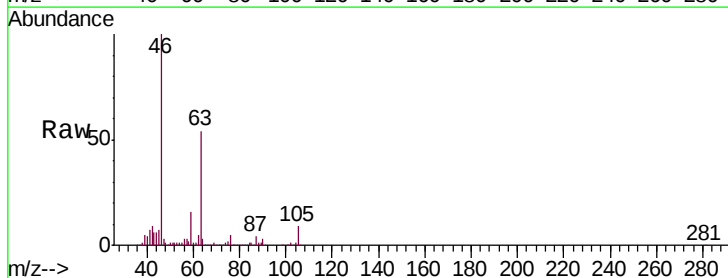
Ion Ratio Lower Upper

43 100

58 32.2 39.8 59.8#

57 40.6 14.0 21.0#

100 2.2 7.2 10.8#

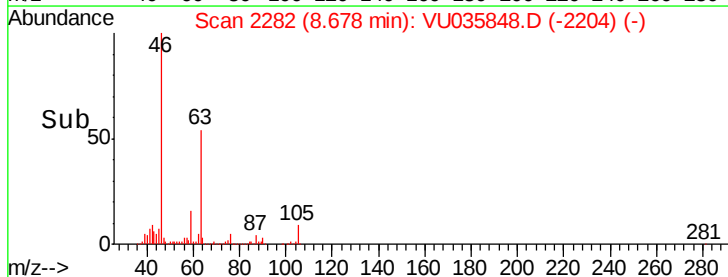
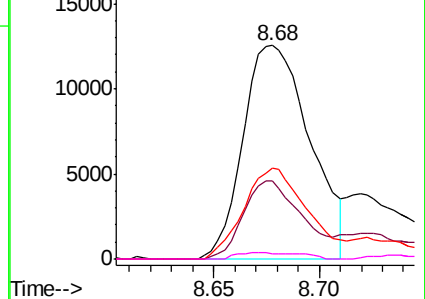


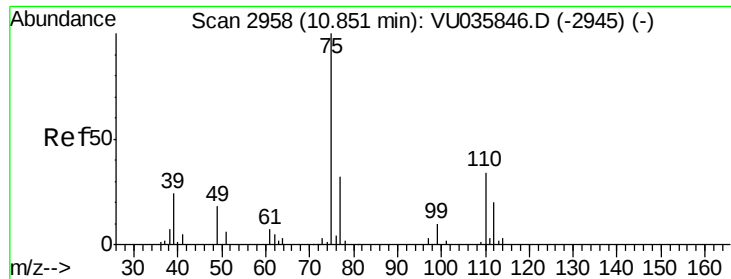
Abundance Ion 43.05 (42.75 to 43.75): VU035848.D (-2204) (-)

Ion 58.05 (57.75 to 58.75): VU035848.D (-2204) (-)

Ion 57.20 (56.90 to 57.90): VU035848.D (-2204) (-)

Ion 100.15 (99.85 to 100.85): VU035848.D (-2204) (-)





#59

1,2,3-Trichloropropane

Concen: 0.564 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU035848.D

Acq: 26 Nov 2019 11:13

Instrument :

MSVOA_U

ClientSampleId :

GARE8

Tgt Ion: 75 Resp: 11312

Ion Ratio Lower Upper

75 100

77 43.4 25.4 38.2#

