

Data File : VU035916.D
Acq On : 29 Nov 2019 12:32
Operator : JC/SP
Sample : K5992-14DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARF5DL

Quant Time: Nov 30 03:23:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 30 03:20:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	233583	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	274430	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	97332	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	134363	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.93	69	127000	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.59	63	162124	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	4.70	46	353990	50.13	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.26%
24) Chloroform-d	5.11	84	242938	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.75	65	132214	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.77	84	448993	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.73	67	161754	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.93	98	352796	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.00%
43) trans-1,3-Dichloropropene-	8.21	79	52214	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.68	63	261529	47.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.80%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	132787	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	110132	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

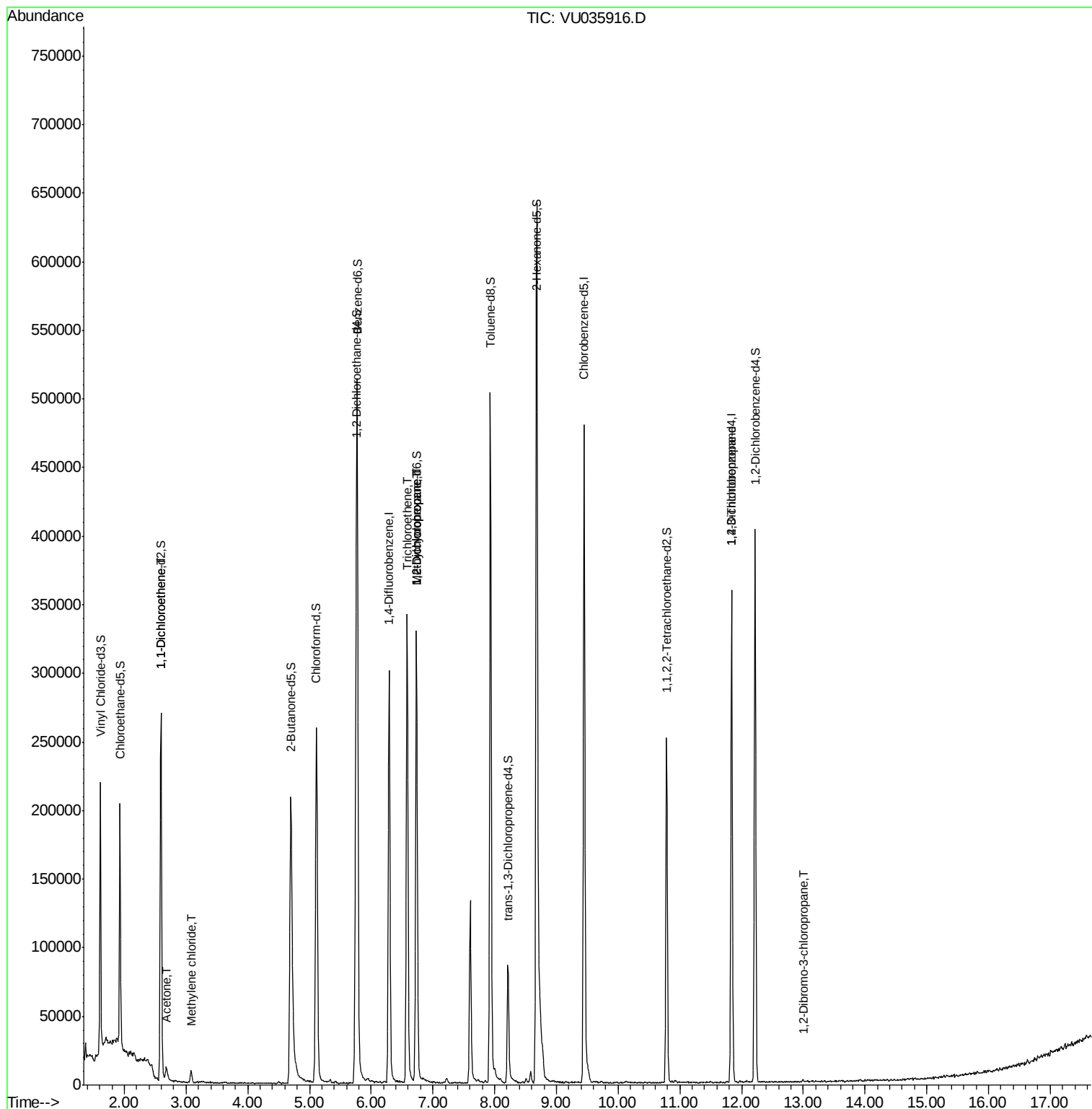
					Qvalue
12) 1,1-Dichloroethene	2.60	96	1552	0.064 ug/L #	1
13) Acetone	2.68	43	15922	2.567 ug/L	98
16) Methylene chloride	3.08	84	3890	0.132 ug/L	91
34) Trichloroethene	6.58	95	119506	4.255 ug/L	97
35) Methylcyclohexane	6.74	83	36668	0.890 ug/L #	14
37) 1,2-Dichloropropane	6.73	63	17242	0.531 ug/L #	90
59) 1,2,3-Trichloropropane	11.84	75	12697	0.601 ug/L	90
66) 1,2-Dibromo-3-chloropropan	13.00	75	445	0.161 ug/L #	10

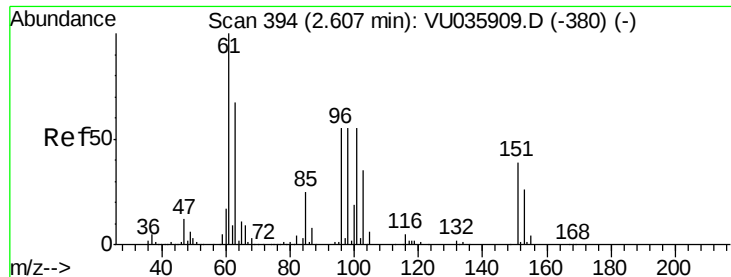
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 30 03:20:00 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.064 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU035916.D

Acq: 29 Nov 2019 12:32

Instrument :

MSVOA_U

ClientSampleId :

GARF5DL

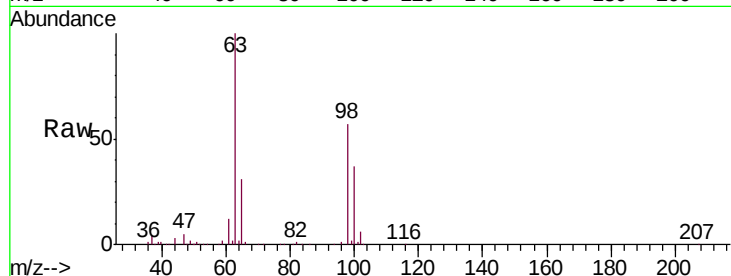
Tgt Ion: 96 Resp: 1552

Ion Ratio Lower Upper

96 100

61 1095.9 139.3 258.7#

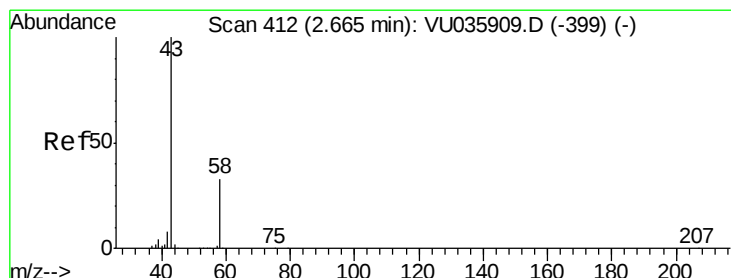
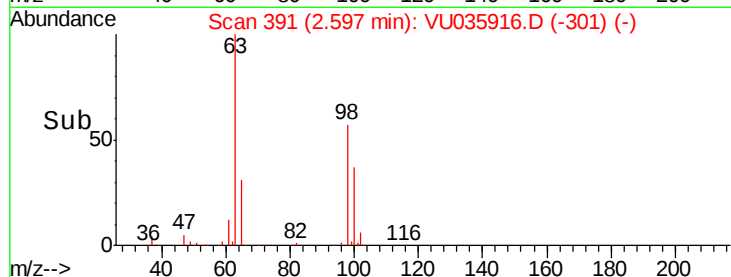
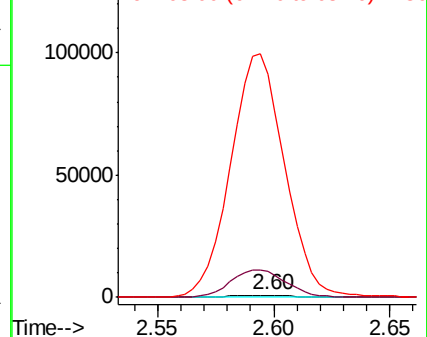
63 9488.6 93.7 174.1#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 2.567 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.02 min

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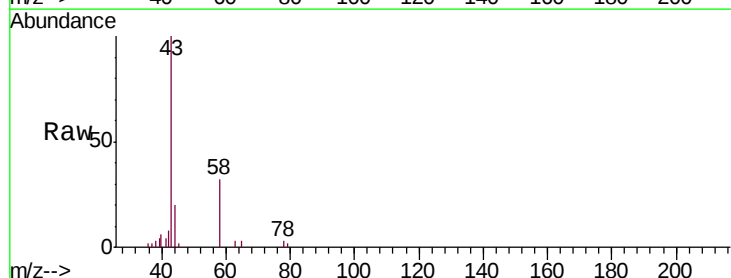
Acq: 29 Nov 2019 12:32

Tgt Ion: 43 Resp: 15922

Ion Ratio Lower Upper

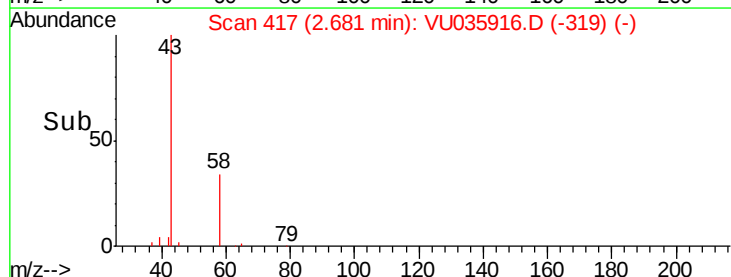
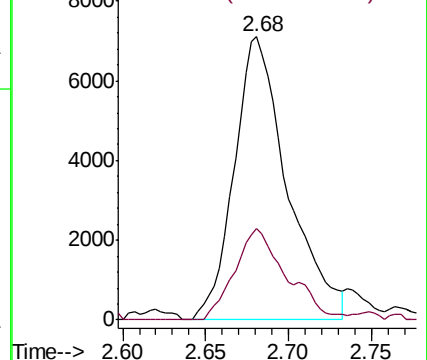
43 100

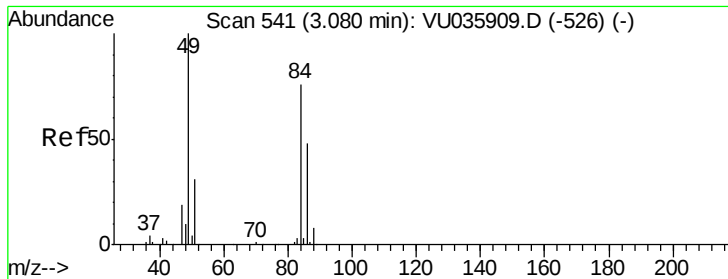
58 31.5 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

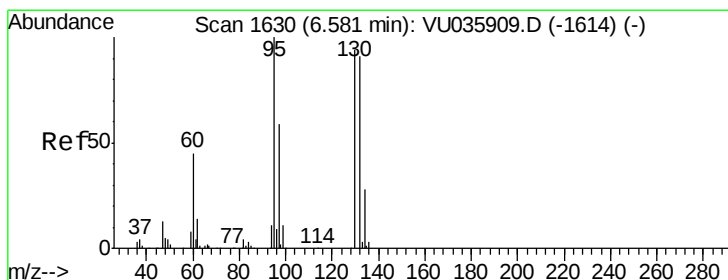
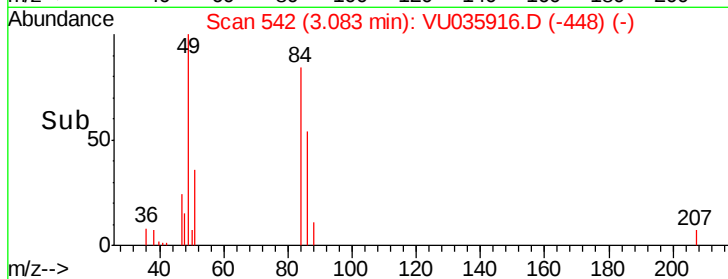
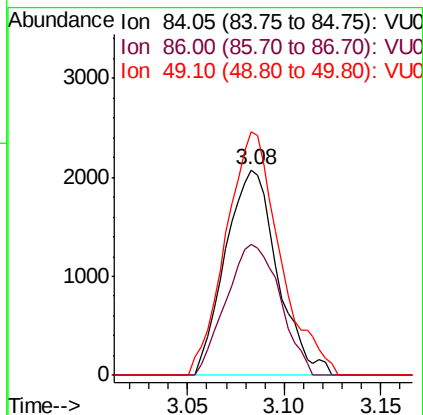
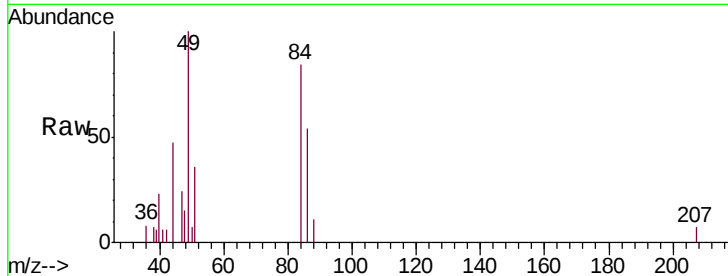




#16
Methylene chloride
Concen: 0.132 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035916.D
Acq: 29 Nov 2019 12:32

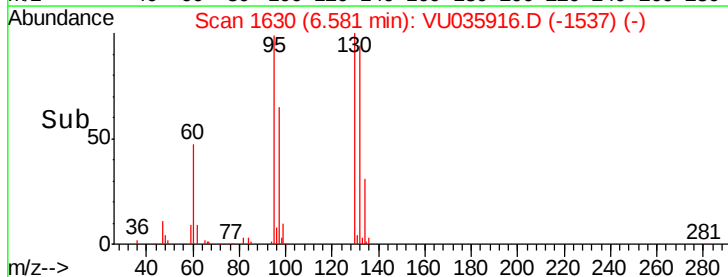
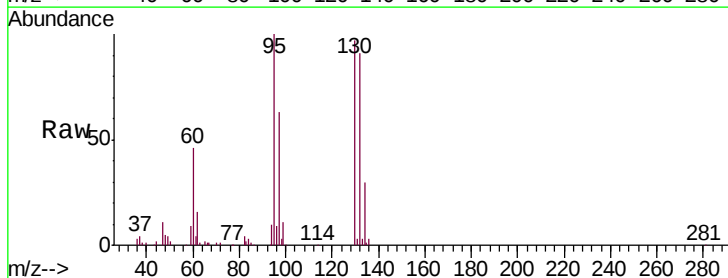
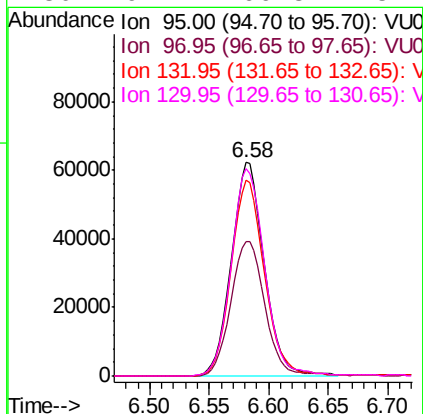
Instrument :
MSVOA_U
ClientSampleId :
GARF5DL

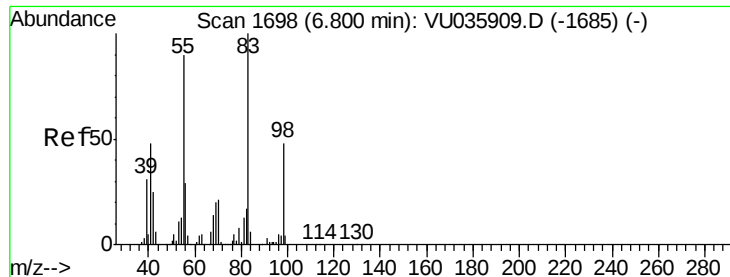
Tgt Ion: 84 Resp: 3890
Ion Ratio Lower Upper
84 100
86 63.5 44.4 82.5
49 118.5 94.0 174.6



#34
Trichloroethene
Concen: 4.255 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU035916.D
Acq: 29 Nov 2019 12:32

Tgt Ion: 95 Resp: 119506
Ion Ratio Lower Upper
95 100
97 63.0 45.1 83.9
132 91.5 61.9 114.9
130 97.1 66.3 123.1





#35

Methylcyclohexane

Concen: 0.890 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035916.D

Acq: 29 Nov 2019 12:32

Instrument :

MSVOA_U

ClientSampleId :

GARF5DL

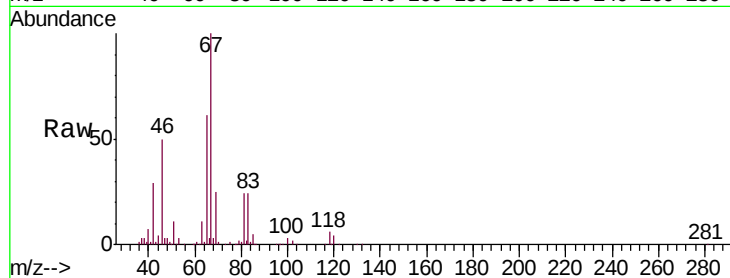
Tgt Ion: 83 Resp: 36668

Ion Ratio Lower Upper

83 100

55 0.5 72.7 109.1#

98 0.8 36.2 54.4#

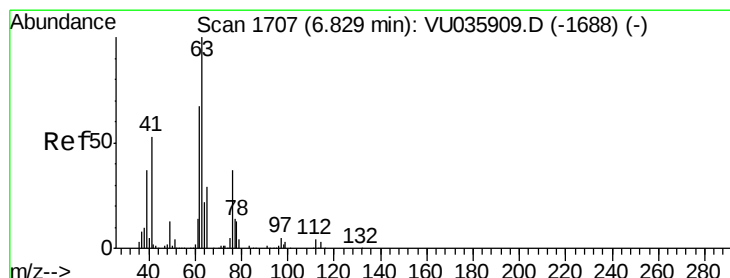
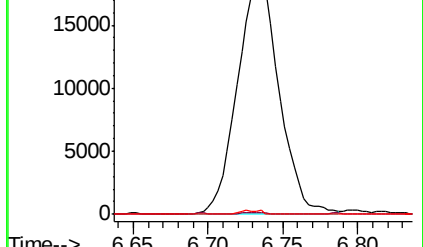
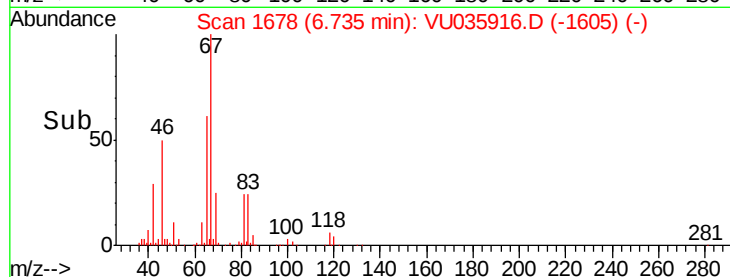


Abundance Ion 83.15 (82.85 to 83.85): VU035916.D (-1678) (-)

Ion 55.10 (54.80 to 55.80): VU035916.D (-1678) (-)

Ion 98.15 (97.85 to 98.85): VU035916.D (-1678) (-)

Time-->



#37

1,2-Dichloropropane

Concen: 0.531 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU035916.D

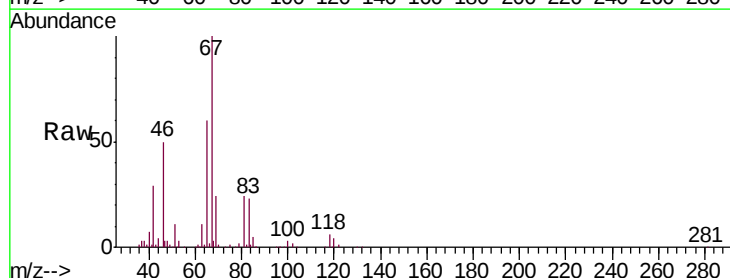
Acq: 29 Nov 2019 12:32

Tgt Ion: 63 Resp: 17242

Ion Ratio Lower Upper

63 100

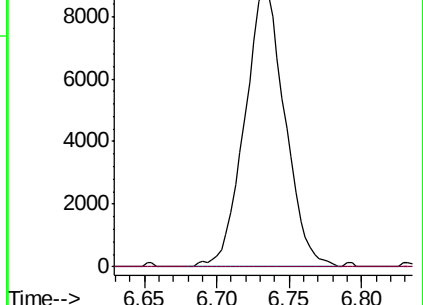
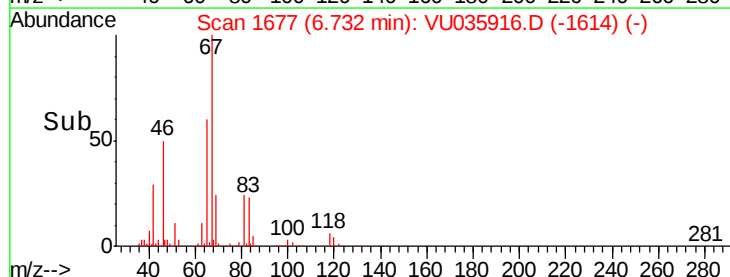
112 0.1 2.7 4.1#

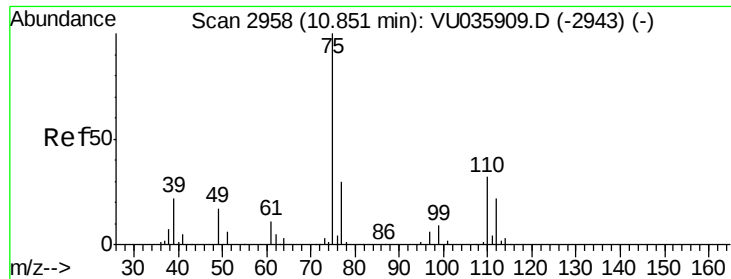


Abundance Ion 63.10 (62.80 to 63.80): VU035916.D (-1688) (-)

Ion 112.10 (111.80 to 112.80): VU035916.D (-1688) (-)

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.601 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU035916.D

Acq: 29 Nov 2019 12:32

Instrument :

MSVOA_U

ClientSampleId :

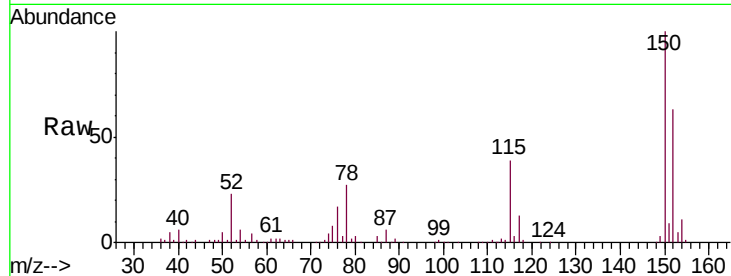
GARF5DL

Tgt Ion: 75 Resp: 12697

Ion Ratio Lower Upper

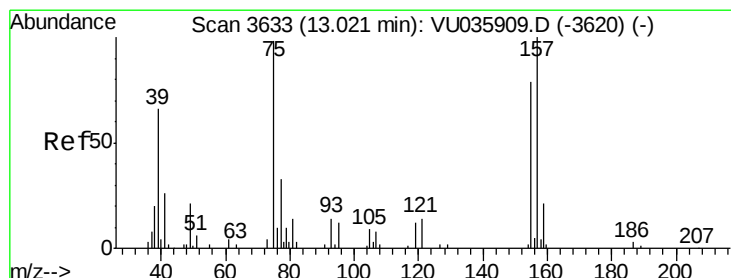
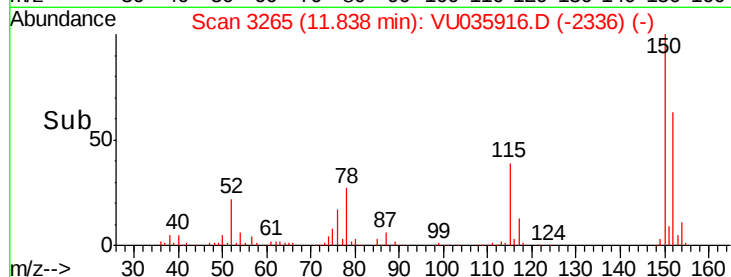
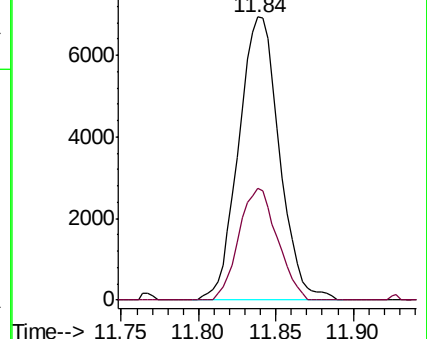
75 100

77 37.1 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#66

1,2-Dibromo-3-chloropropane

Concen: 0.161 ug/L

RT: 13.00 min Scan# 3626

Delta R.T. -0.02 min

Lab File: VU035916.D

Acq: 29 Nov 2019 12:32

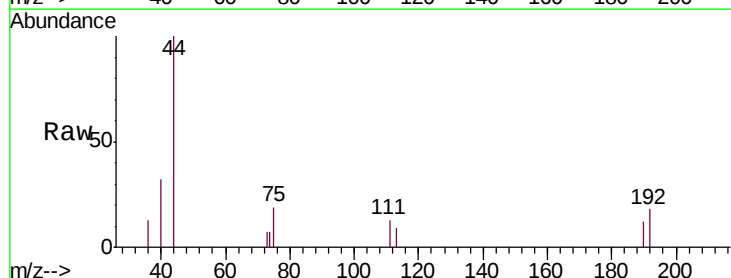
Tgt Ion: 75 Resp: 445

Ion Ratio Lower Upper

75 100

155 0.0 55.4 83.2#

157 0.0 69.4 104.2#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

