

Data File : VU035865.D
Acq On : 26 Nov 2019 18:30
Operator : JC/SP
Sample : K5992-13DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARF4DL

Quant Time: Nov 27 03:20:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	212308	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	251028	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	95142	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	152999	5.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.40%
7) Chloroethane-d5	1.93	69	135209	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.60%
11) 1,1-Dichloroethene-d2	2.59	63	181188	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.70	46	364546	56.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.60%
24) Chloroform-d	5.11	84	238603	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.75	65	137716	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.77	84	458780	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.74	67	162596	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.93	98	368330	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.21	79	53986	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.68	63	263754	52.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.52%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	128649	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	112368	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

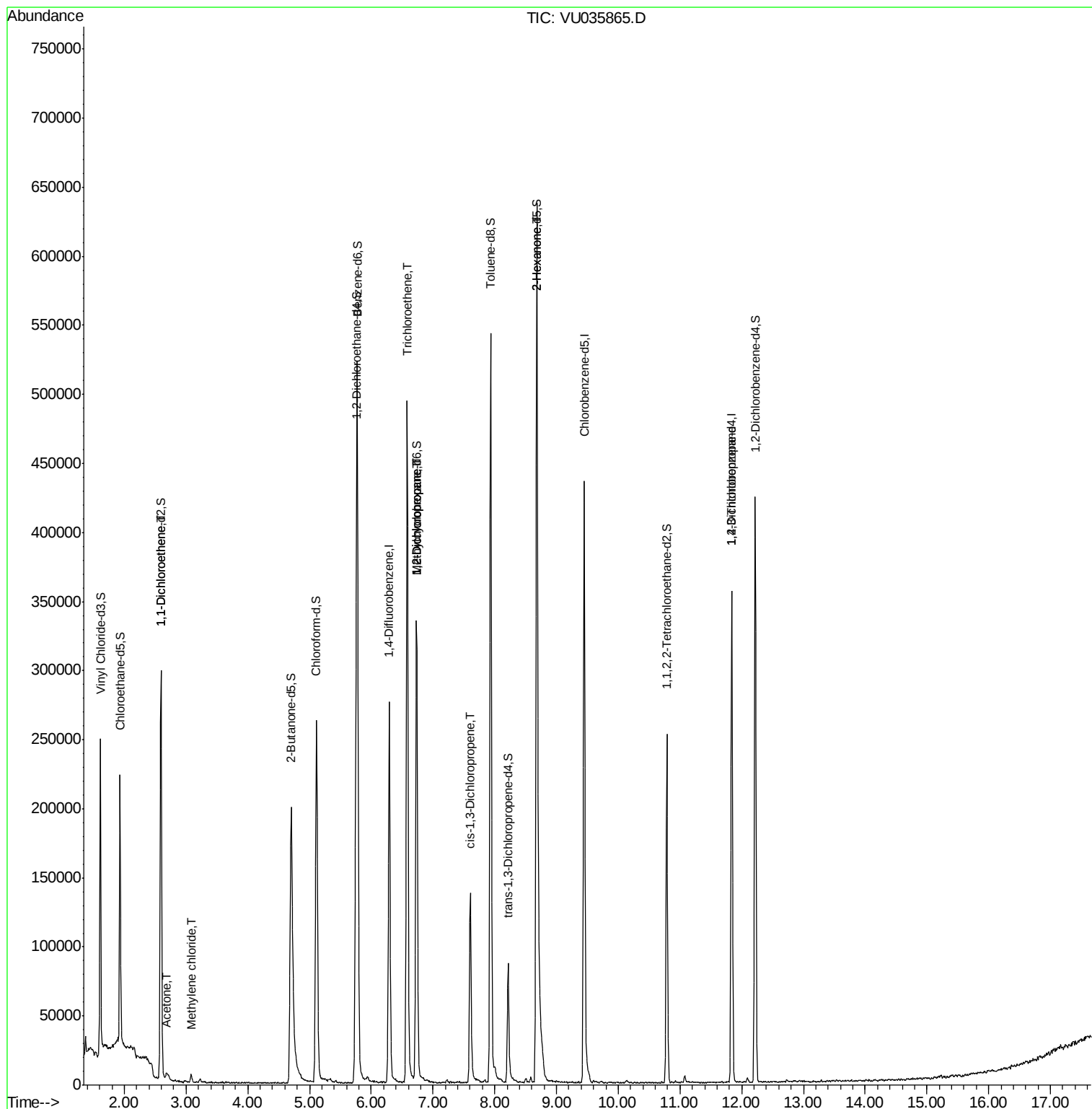
					Qvalue
12) 1,1-Dichloroethene	2.60	96	1745	0.079 ug/L #	1
13) Acetone	2.69	43	7606	1.349 ug/L	90
16) Methylene chloride	3.08	84	2261	0.085 ug/L	91
34) Trichloroethene	6.58	95	176349	6.864 ug/L	99
35) Methylcyclohexane	6.74	83	36734	0.974 ug/L #	14
37) 1,2-Dichloropropane	6.74	63	17637	0.593 ug/L #	90
39) cis-1,3-Dichloropropene	7.60	75	3996	0.104 ug/L #	67
48) 2-Hexanone	8.68	43	34904	2.598 ug/L #	70
59) 1,2,3-Trichloropropane	11.84	75	13589	0.703 ug/L	90

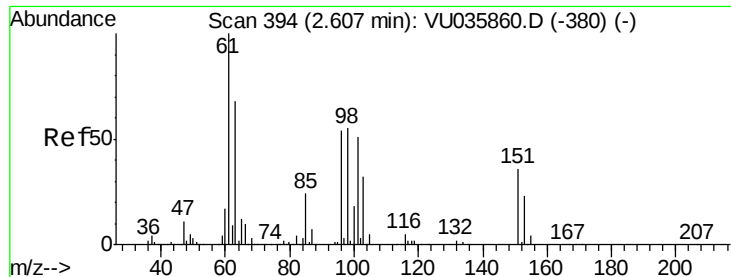
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.079 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

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Acq: 26 Nov 2019 18:30

Instrument :

MSVOA_U

ClientSampleId :

GARF4DL

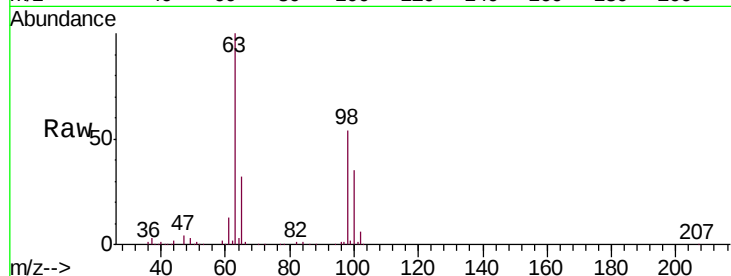
Tgt Ion: 96 Resp: 1745

Ion Ratio Lower Upper

96 100

61 1236.0 139.3 258.7#

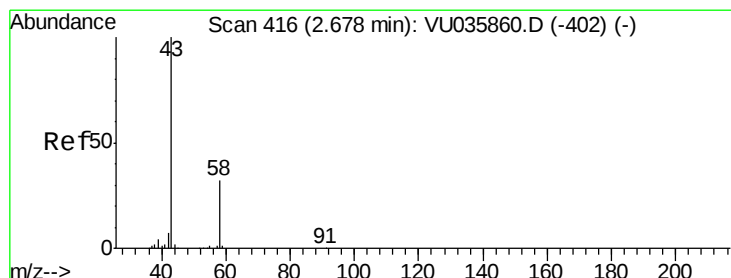
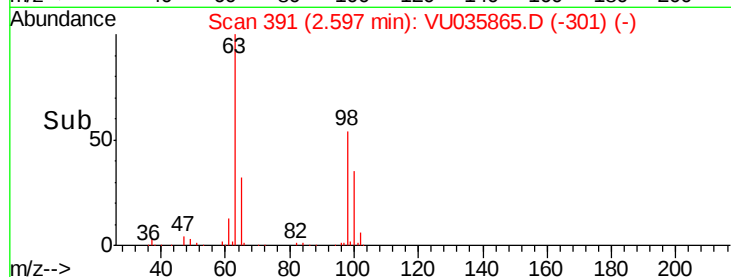
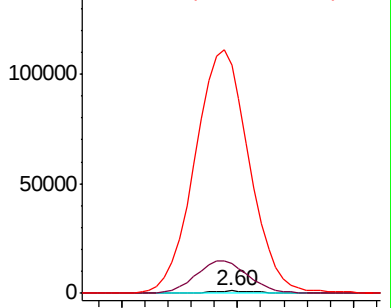
63 9306.0 93.7 174.1#



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: 1.349 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.01 min

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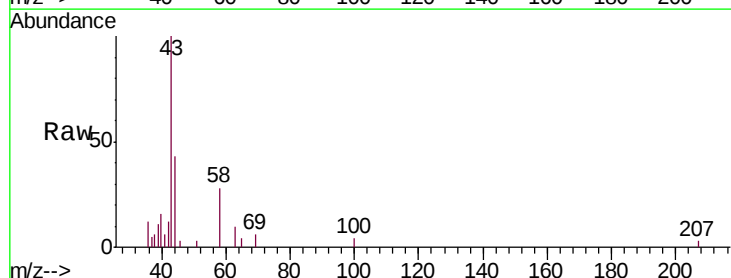
Acq: 26 Nov 2019 18:30

Tgt Ion: 43 Resp: 7606

Ion Ratio Lower Upper

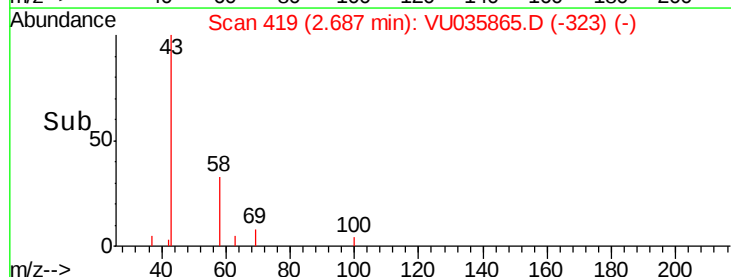
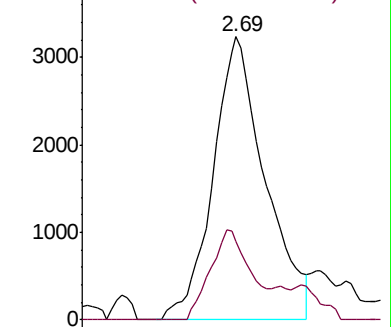
43 100

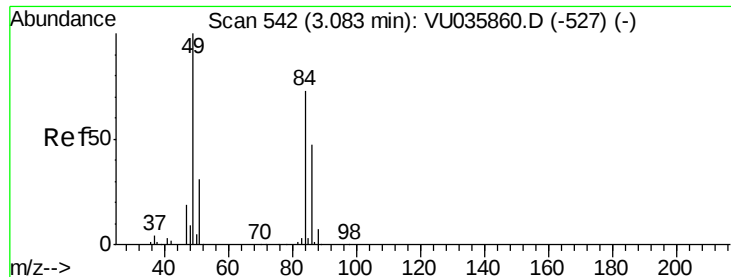
58 24.9 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

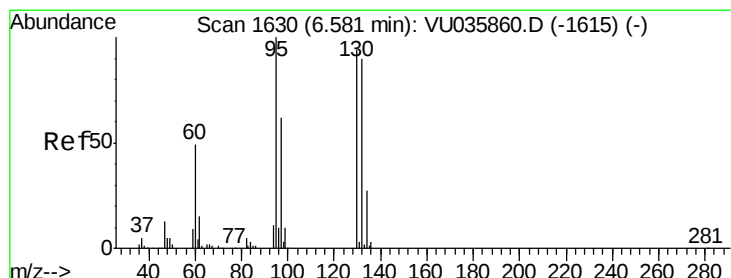
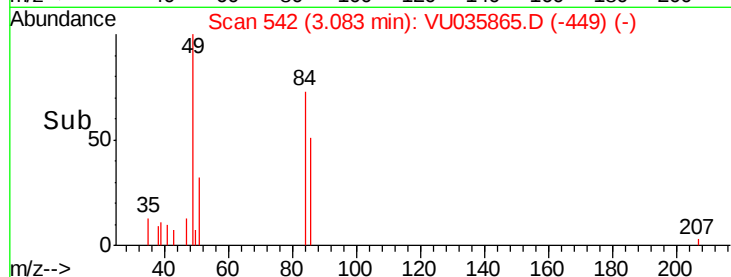
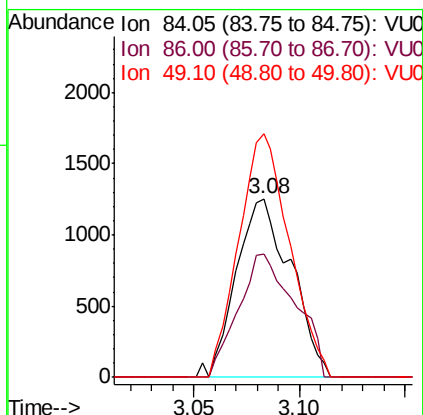
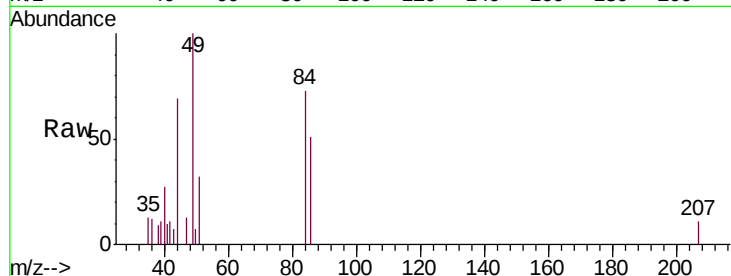




#16
Methylene chloride
Concen: 0.085 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035865.D
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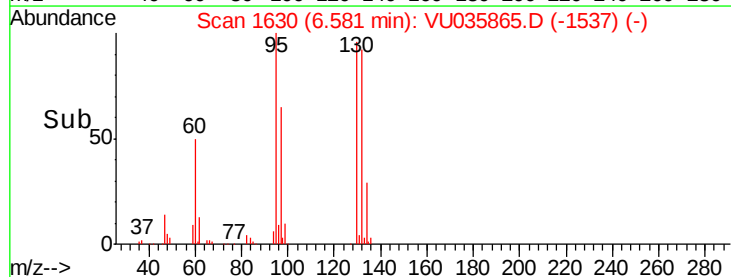
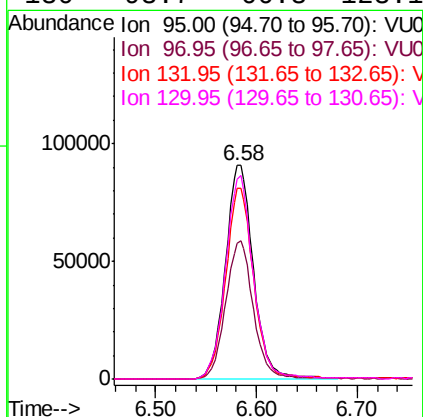
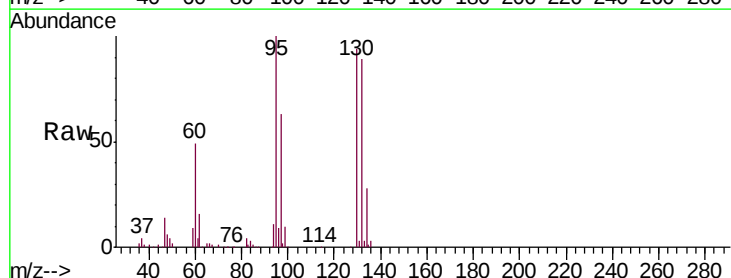
Instrument :
MSVOA_U
ClientSampleId :
GARF4DL

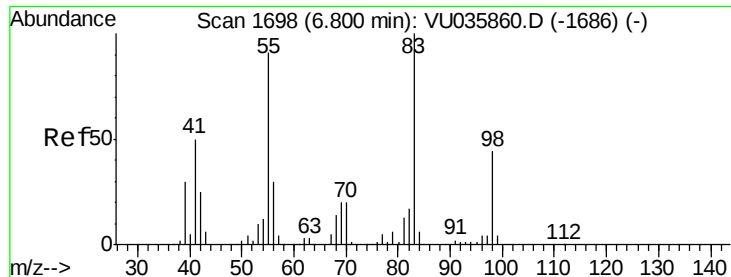
Tgt Ion: 84 Resp: 2261
Ion Ratio Lower Upper
84 100
86 69.1 44.4 82.5
49 146.5 94.0 174.6



#34
Trichloroethene
Concen: 6.864 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035865.D
Acq: 26 Nov 2019 18:30

Tgt Ion: 95 Resp: 176349
Ion Ratio Lower Upper
95 100
97 63.4 45.1 83.9
132 89.2 61.9 114.9
130 93.7 66.3 123.1

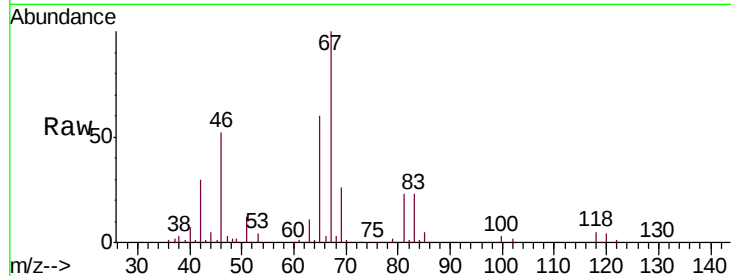




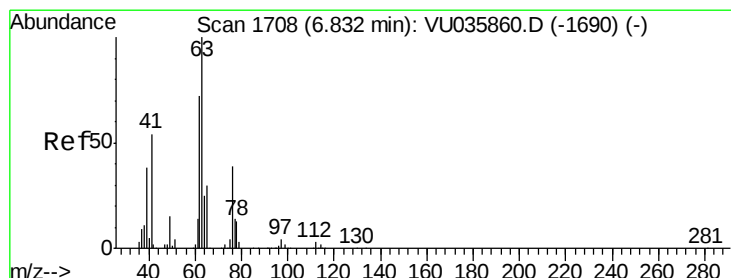
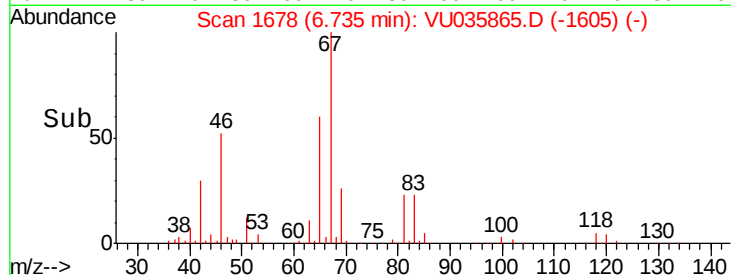
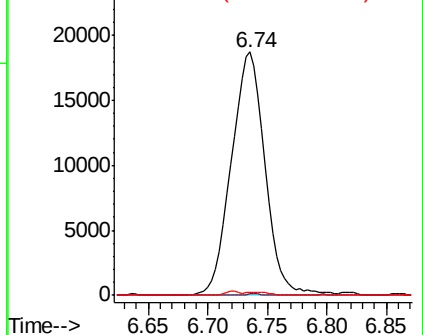
#35
Methylcyclohexane
Concen: 0.974 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035865.D
Acq: 26 Nov 2019 18:30

Instrument :
MSVOA_U
ClientSampleId :
GARF4DL

Tgt Ion: 83 Resp: 36734
Ion Ratio Lower Upper
83 100
55 0.2 72.7 109.1#
98 0.9 36.2 54.4#

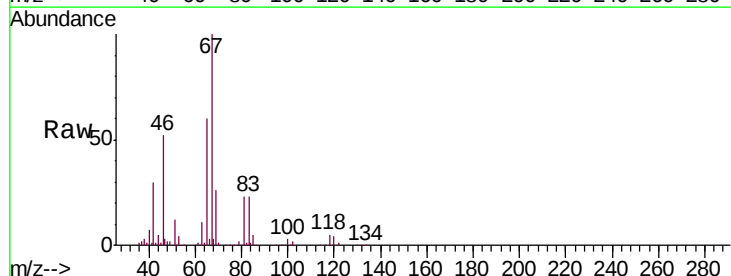


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

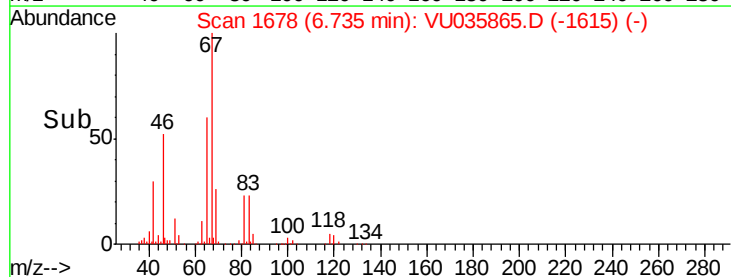
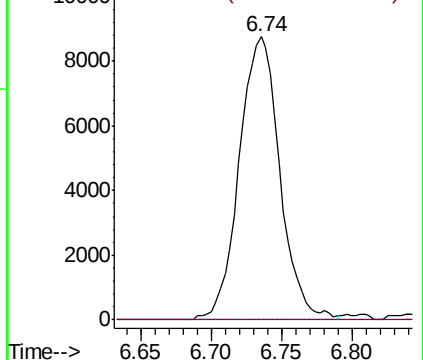


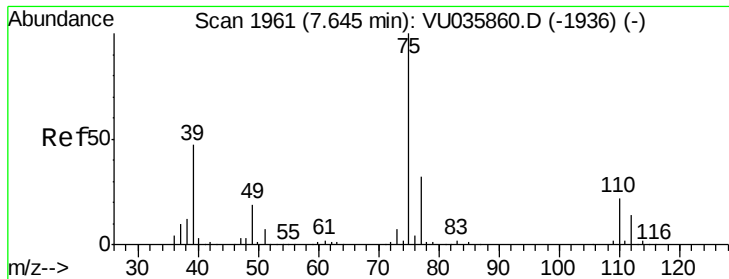
#37
1,2-Dichloropropane
Concen: 0.593 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035865.D
Acq: 26 Nov 2019 18:30

Tgt Ion: 63 Resp: 17637
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

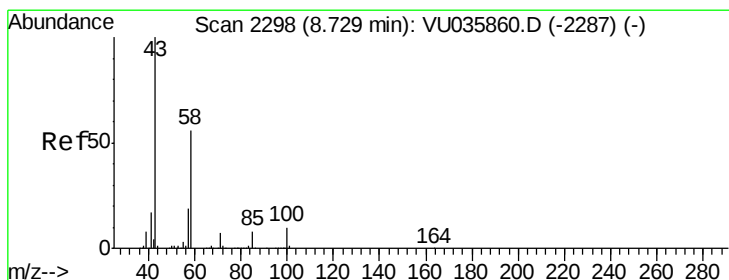
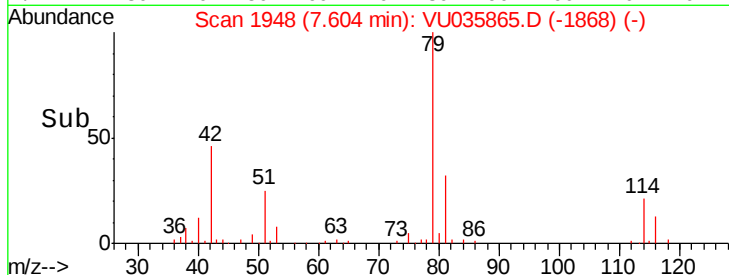
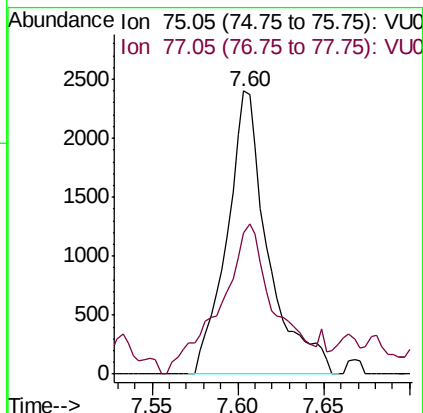
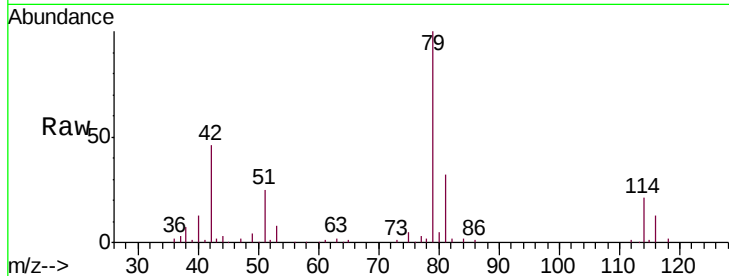




#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035865.D
 Acq: 26 Nov 2019 18:30

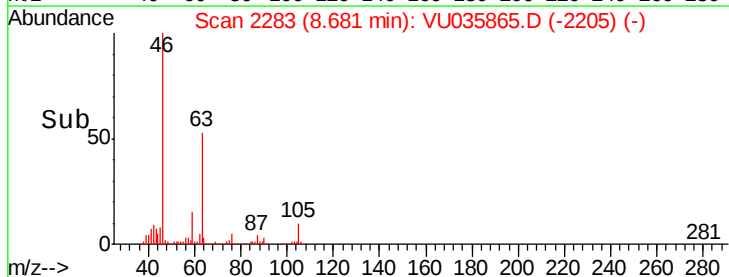
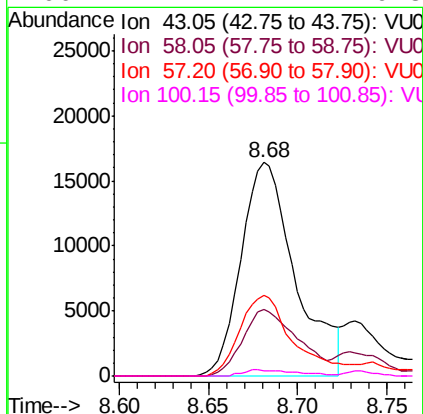
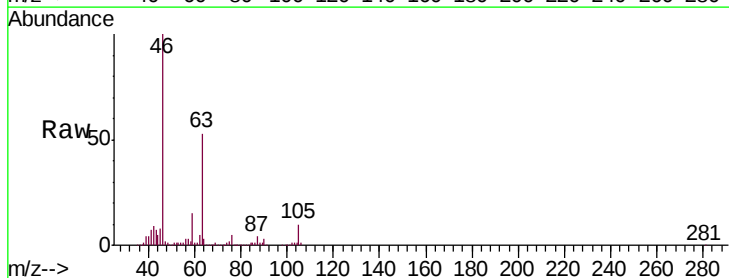
Instrument :
 MSVOA_U
 ClientSampled :
 GARF4DL

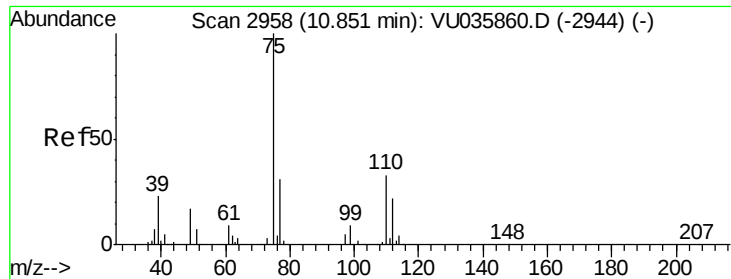
Tgt Ion: 75 Resp: 3996
 Ion Ratio Lower Upper
 75 100
 77 50.0 22.1 41.1#



#48
 2-Hexanone
 Concen: 2.598 ug/L
 RT: 8.68 min Scan# 2283
 Delta R.T. -0.05 min
 Lab File: VU035865.D
 Acq: 26 Nov 2019 18:30

Tgt Ion: 43 Resp: 34904
 Ion Ratio Lower Upper
 43 100
 58 31.4 39.8 59.8#
 57 37.8 14.0 21.0#
 100 2.7 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 0.703 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU035865.D

Acq: 26 Nov 2019 18:30

Instrument :

MSVOA_U

ClientSampleId :

GARF4DL

Tgt Ion: 75 Resp: 13589

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.2

