

Data File : VU035864.D
Acq On : 26 Nov 2019 18:06
Operator : JC/SP
Sample : K5992-12DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARF3DL

Quant Time: Nov 27 03:19:56 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	222831	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	261034	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	95534	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	153853	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.93	69	135742	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.59	63	180914	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.70	46	361894	53.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.44%
24) Chloroform-d	5.11	84	243414	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.75	65	136534	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.77	84	466655	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.73	67	162910	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.93	98	367707	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	8.21	79	55620	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.68	63	267314	50.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.86%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	131010	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	111157	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

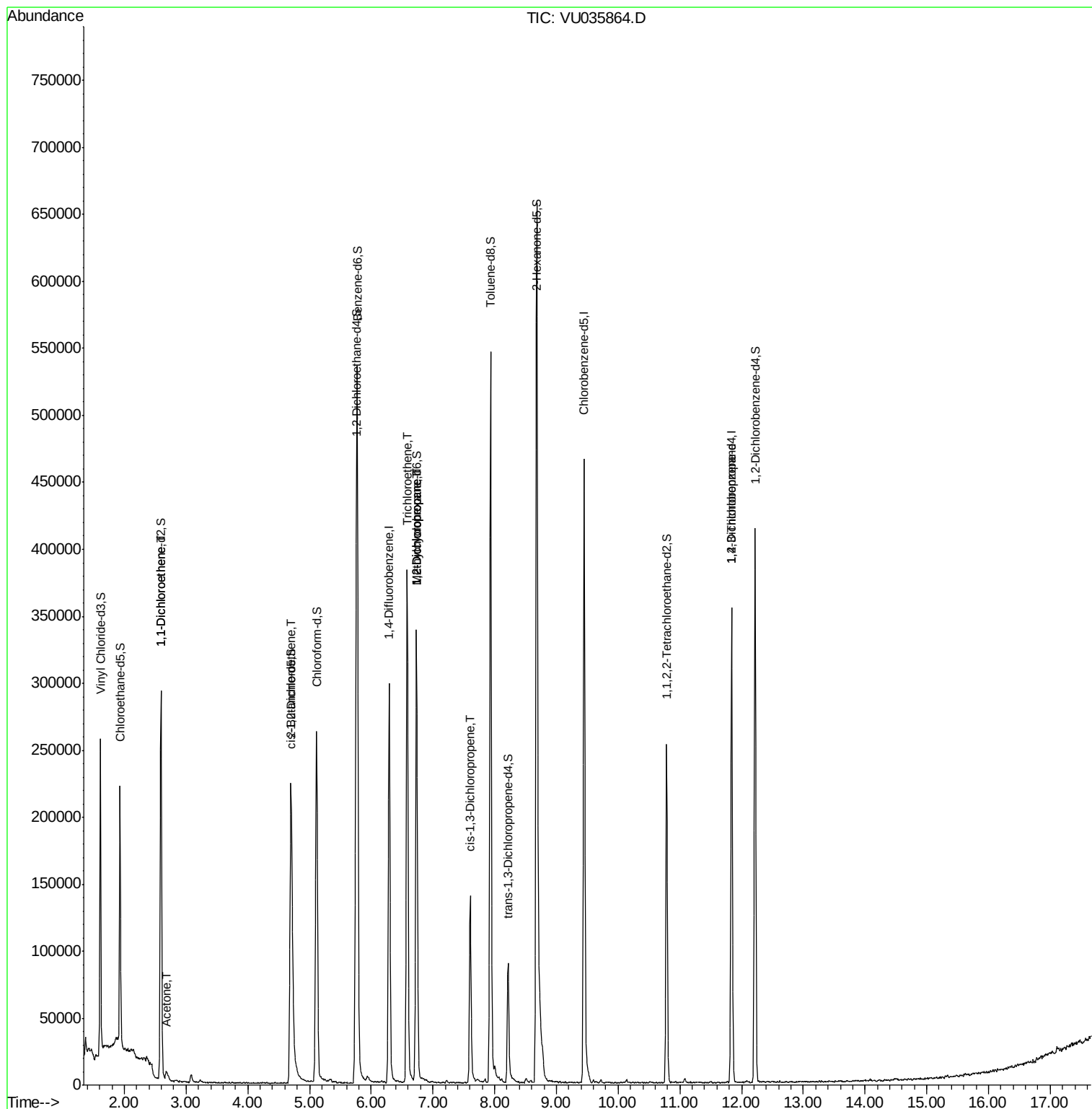
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1502	0.065 ug/L #	1
13) Acetone	2.68	43	9345	1.579 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	7260	0.285 ug/L	82
34) Trichloroethene	6.58	95	135020	5.054 ug/L	98
35) Methylcyclohexane	6.73	83	36148	0.922 ug/L #	14
37) 1,2-Dichloropropane	6.73	63	17719	0.573 ug/L #	90
39) cis-1,3-Dichloropropene	7.60	75	3536	0.088 ug/L #	62
59) 1,2,3-Trichloropropane	11.83	75	13038	0.649 ug/L	92

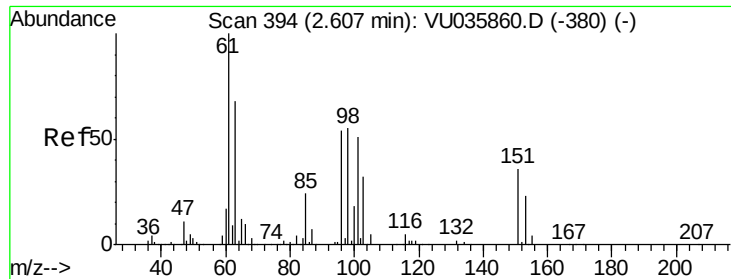
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU035864.D
Acq On : 26 Nov 2019 18:06
Operator : JC/SP
Sample : K5992-12DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARF3DL

Quant Time: Nov 27 03:19:56 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

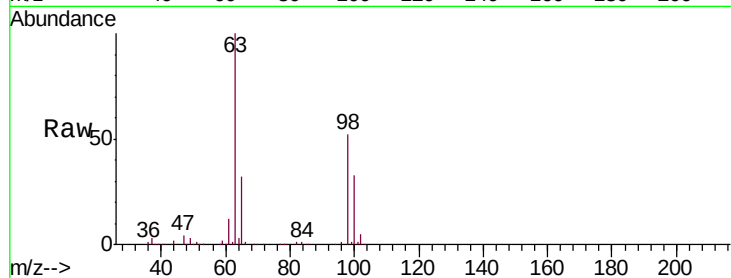




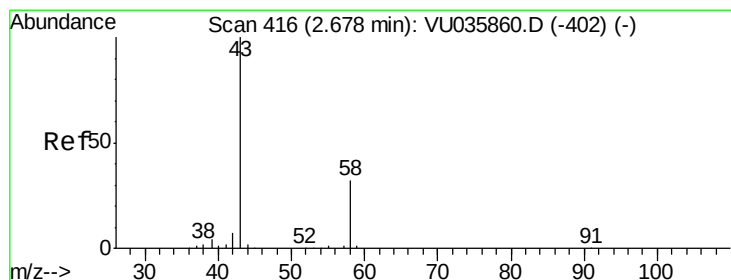
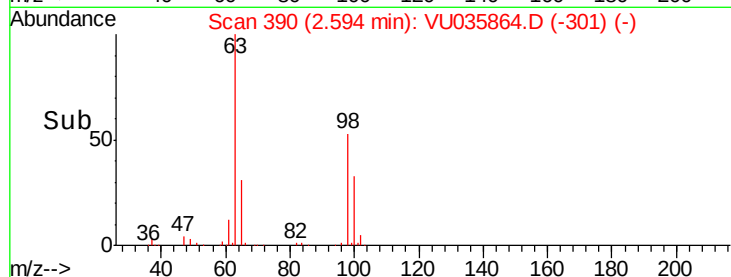
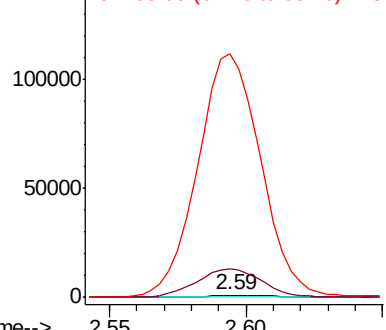
#12
 1,1-Dichloroethene
 Concen: 0.065 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU035864.D
 Acq: 26 Nov 2019 18:06

Instrument :
 MSVOA_U
 ClientSampleId :
 GARF3DL

Tgt Ion: 96 Resp: 1502
 Ion Ratio Lower Upper
 96 100
 61 1473.7 139.3 258.7#
 63 12547.4 93.7 174.1#

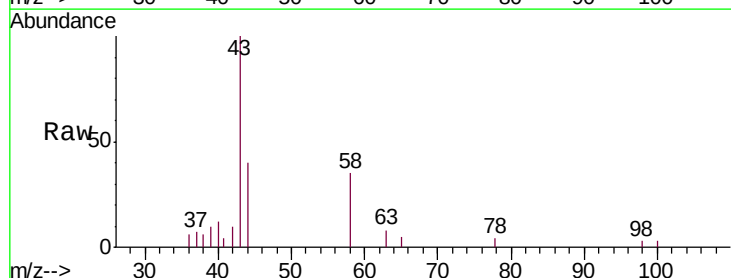


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

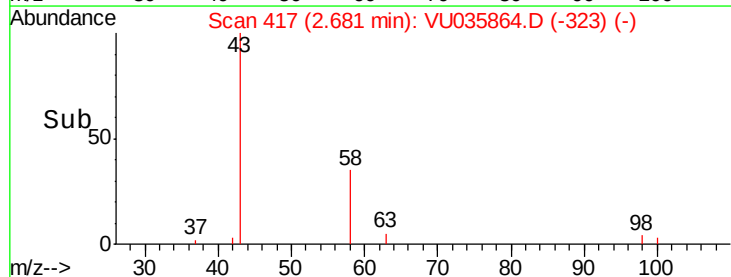
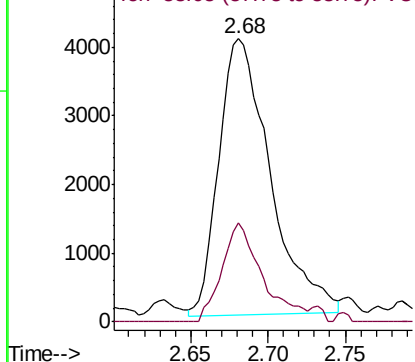


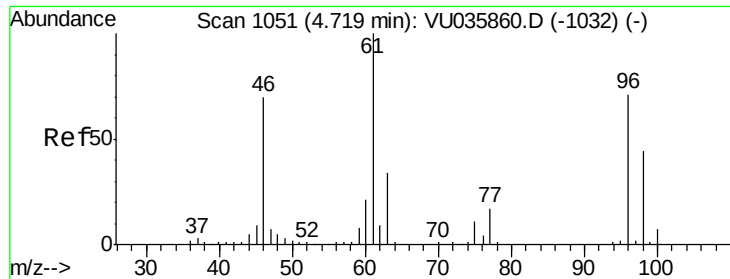
#13
 Acetone
 Concen: 1.579 ug/L
 RT: 2.68 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VU035864.D
 Acq: 26 Nov 2019 18:06

Tgt Ion: 43 Resp: 9345
 Ion Ratio Lower Upper
 43 100
 58 28.0 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.285 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU035864.D

Acq: 26 Nov 2019 18:06

Instrument :

MSVOA_U

ClientSampleId :

GARF3DL

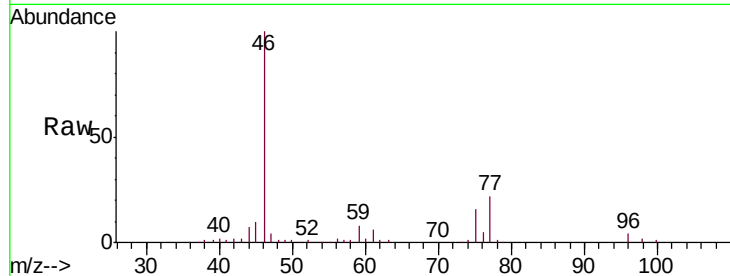
Tgt Ion: 96 Resp: 7260

Ion Ratio Lower Upper

96 100

61 161.5 98.1 182.1

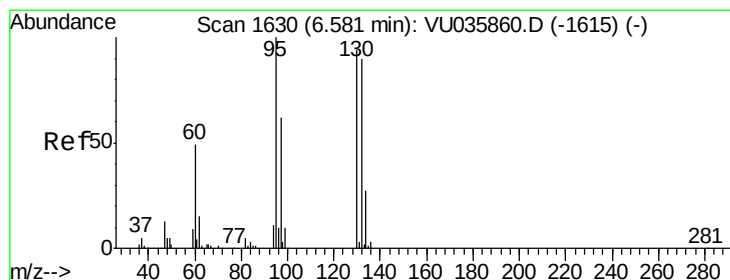
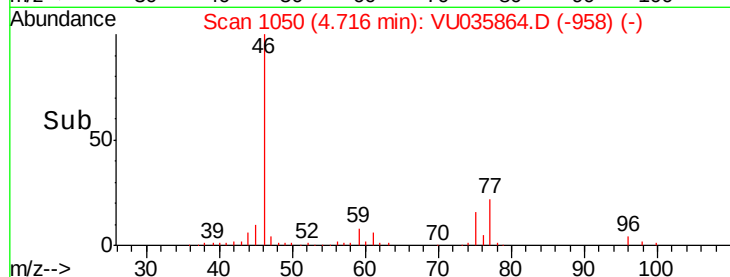
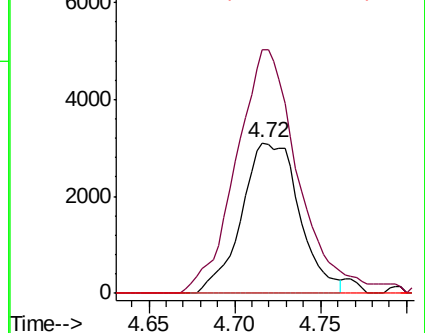
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035864.D (-1032) (-)

Ion 61.05 (60.75 to 61.75): VU035864.D (-1032) (-)

Ion 68.15 (67.85 to 68.85): VU035864.D (-1032) (-)



#34

Trichloroethene

Concen: 5.054 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035864.D

Acq: 26 Nov 2019 18:06

Tgt Ion: 95 Resp: 135020

Ion Ratio Lower Upper

95 100

97 64.8 45.1 83.9

132 91.9 61.9 114.9

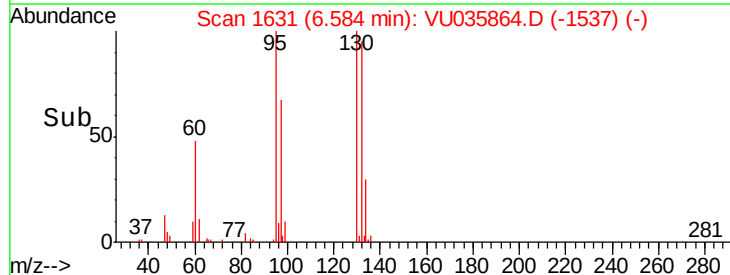
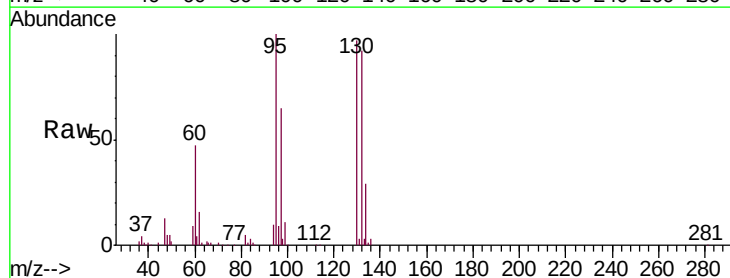
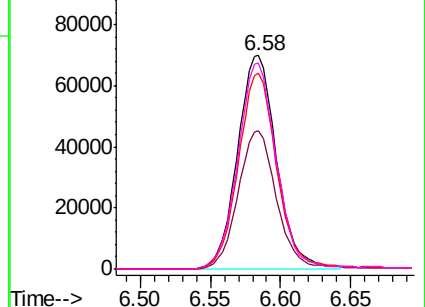
130 96.5 66.3 123.1

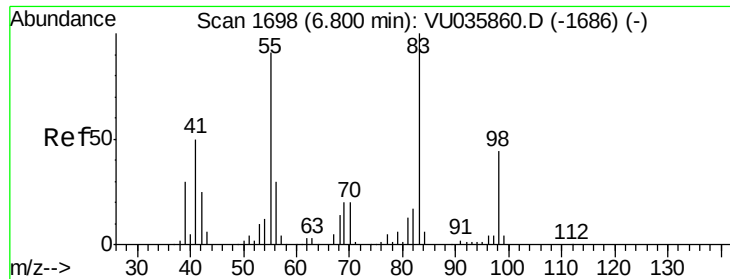
Abundance Ion 95.00 (94.70 to 95.70): VU035864.D (-1615) (-)

Ion 96.95 (96.65 to 97.65): VU035864.D (-1615) (-)

Ion 131.95 (131.65 to 132.65): VU035864.D (-1615) (-)

Ion 129.95 (129.65 to 130.65): VU035864.D (-1615) (-)

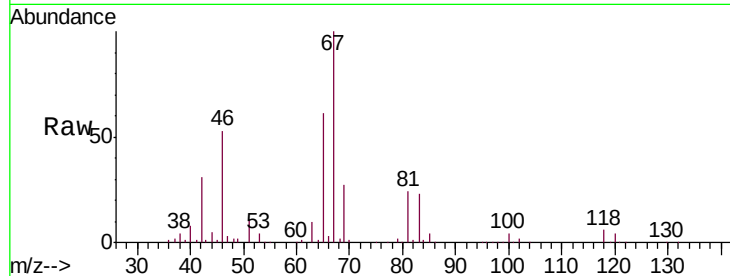




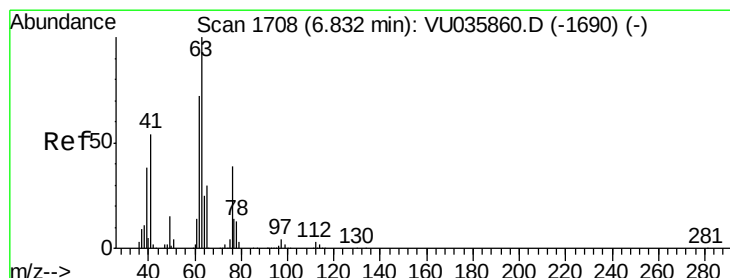
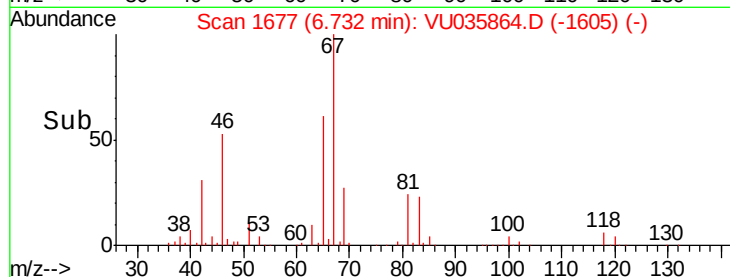
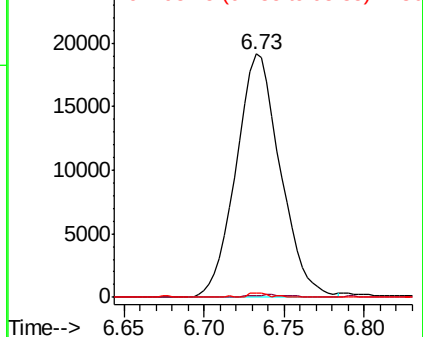
#35
Methylcyclohexane
Concen: 0.922 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035864.D
Acq: 26 Nov 2019 18:06

Instrument :
MSVOA_U
ClientSampleId :
GARF3DL

Tgt Ion: 83 Resp: 36148
Ion Ratio Lower Upper
83 100
55 0.7 72.7 109.1#
98 0.6 36.2 54.4#

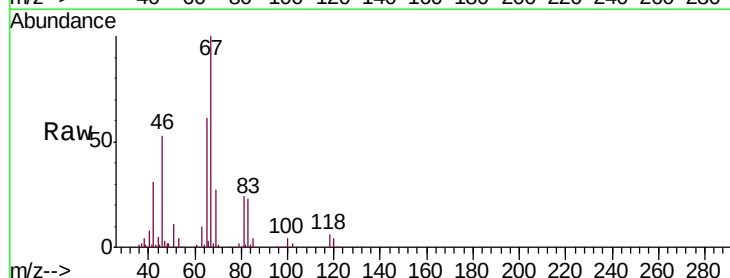


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

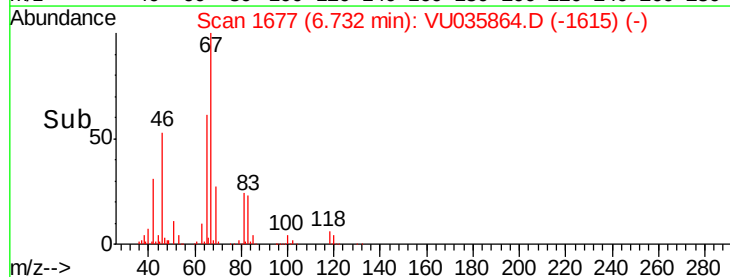
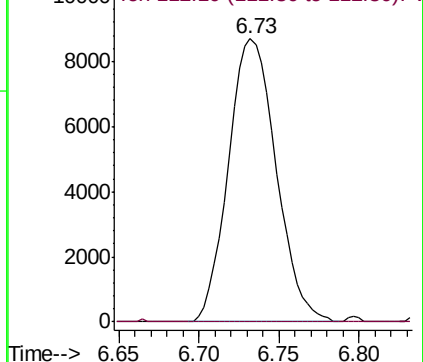


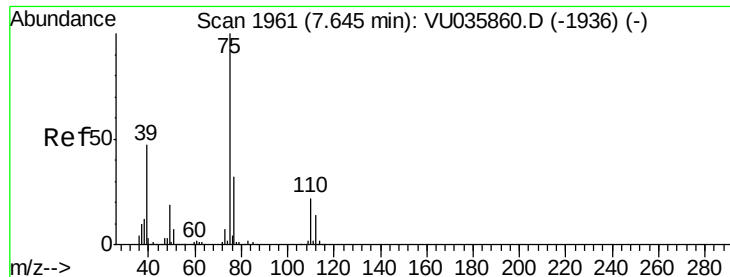
#37
1,2-Dichloropropane
Concen: 0.573 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035864.D
Acq: 26 Nov 2019 18:06

Tgt Ion: 63 Resp: 17719
Ion Ratio Lower Upper
63 100
112 0.1 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: 0.088 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU035864.D

Acq: 26 Nov 2019 18:06

Instrument :

MSVOA_U

ClientSampleId :

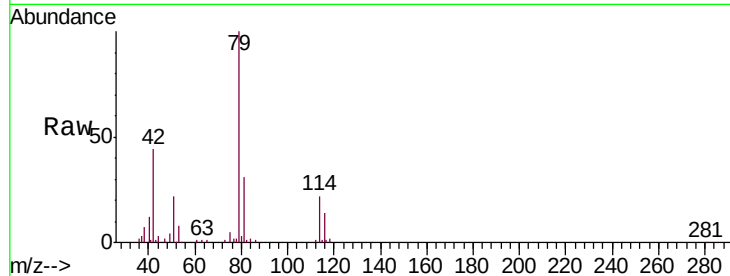
GARF3DL

Tgt Ion: 75 Resp: 3536

Ion Ratio Lower Upper

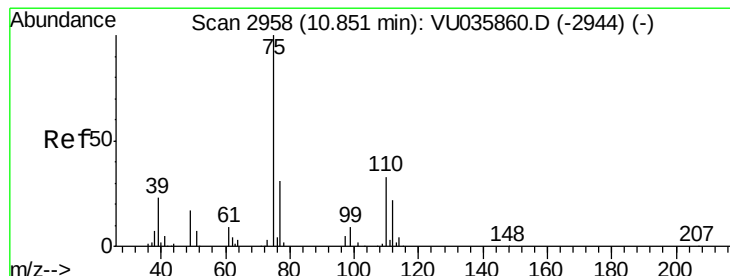
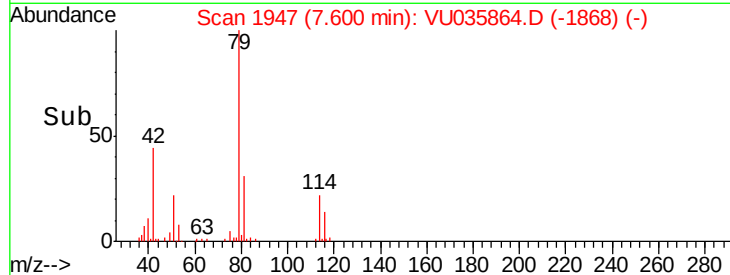
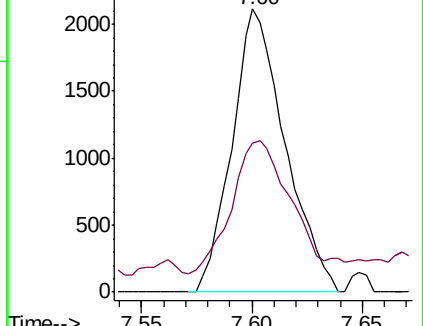
75 100

77 52.9 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035860.D (-1936) (-)

Ion 77.05 (76.75 to 77.75): VU035860.D (-1936) (-)



#59

1,2,3-Trichloropropane

Concen: 0.649 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU035864.D

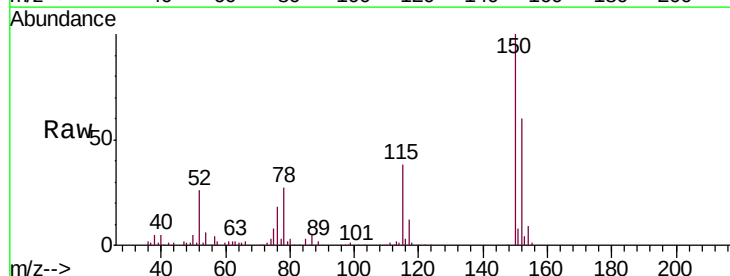
Acq: 26 Nov 2019 18:06

Tgt Ion: 75 Resp: 13038

Ion Ratio Lower Upper

75 100

77 36.2 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU035860.D (-2944) (-)

Ion 77.00 (76.70 to 77.70): VU035860.D (-2944) (-)

