

Data File : VU035861.D
Acq On : 26 Nov 2019 16:39
Operator : JC/SP
Sample : VV1126WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK15

Quant Time: Nov 27 03:19:24 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	223494	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	252851	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	99103	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	162634	5.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.40%
7) Chloroethane-d5	1.93	69	147035	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.40%
11) 1,1-Dichloroethene-d2	2.59	63	196794	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.70	46	368943	54.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.22%
24) Chloroform-d	5.11	84	253551	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.75	65	141220	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.77	84	494904	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.73	67	168813	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.93	98	384295	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	8.21	79	61484	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.68	63	282221	55.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.02%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	133027	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	120431	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

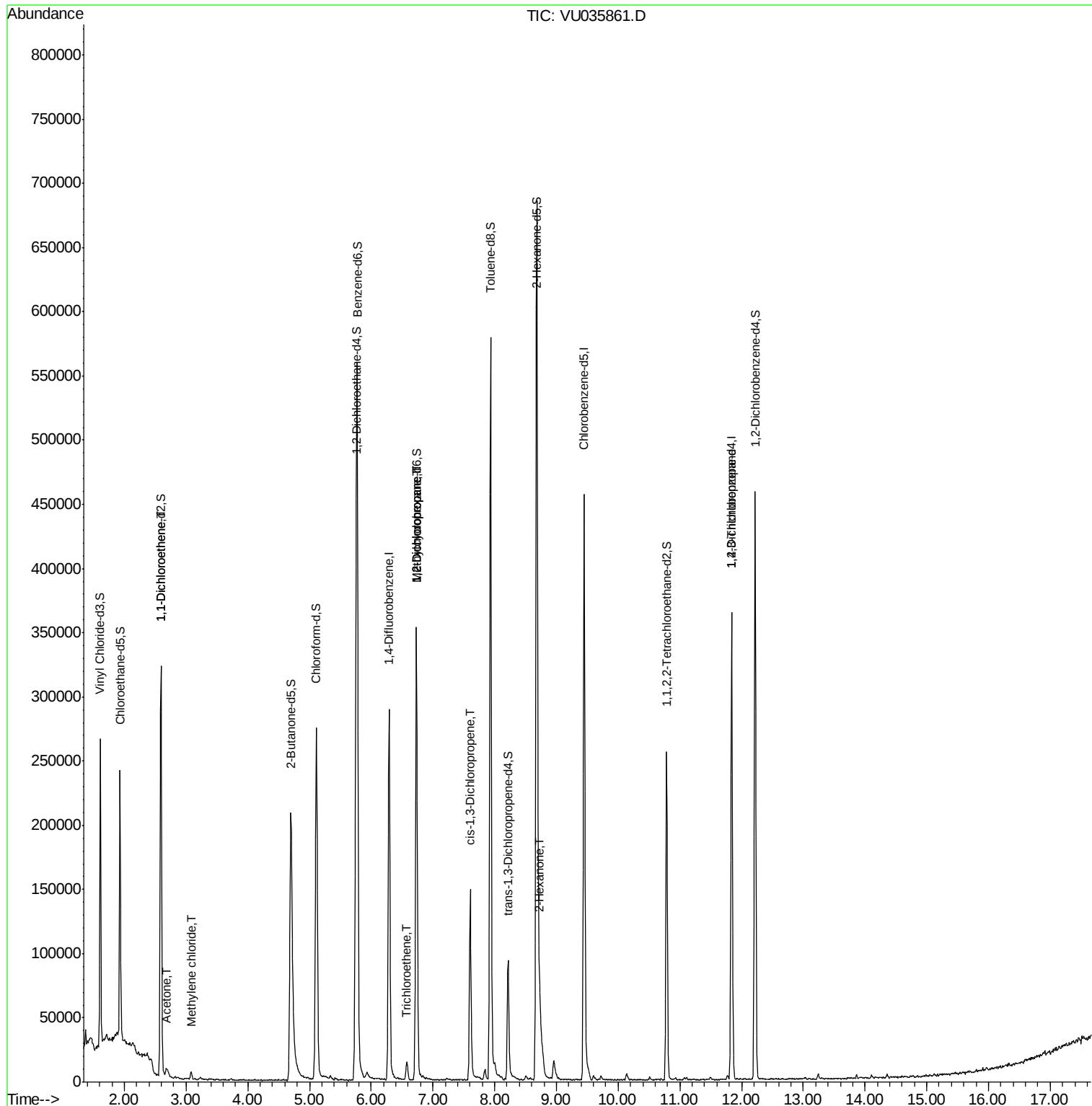
					Qvalue
12) 1,1-Dichloroethene	2.58	96	1670	0.072 ug/L #	1
13) Acetone	2.68	43	10753	1.812 ug/L	98
16) Methylene chloride	3.08	84	2672	0.095 ug/L	95
34) Trichloroethene	6.58	95	4606	0.178 ug/L	95
35) Methylcyclohexane	6.73	83	35891	0.945 ug/L #	14
37) 1,2-Dichloropropane	6.73	63	18875	0.631 ug/L #	90
39) cis-1,3-Dichloropropene	7.60	75	4208	0.109 ug/L #	44
48) 2-Hexanone	8.73	43	13426	0.992 ug/L	93
59) 1,2,3-Trichloropropane	11.83	75	13826	0.710 ug/L	92

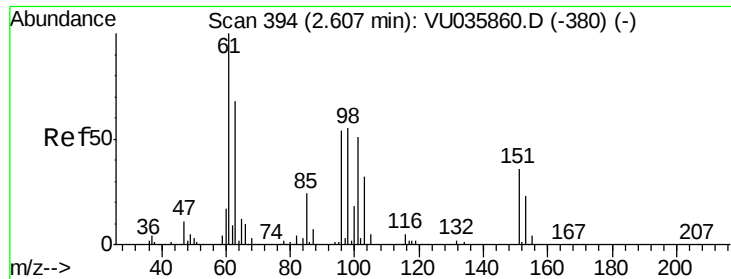
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 27 03:16:13 2019
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#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.02 min

Lab File: VU035861.D

Acq: 26 Nov 2019 16:39

Instrument :

MSVOA_U

ClientSampleId :

VBLK15

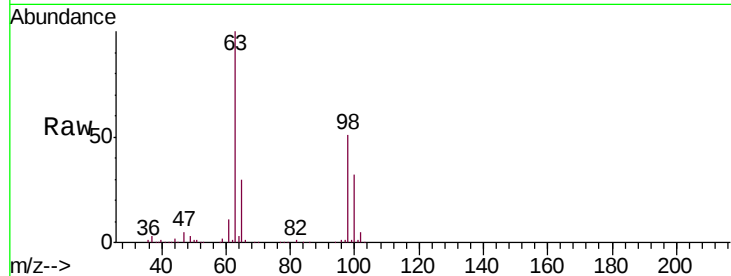
Tgt Ion: 96 Resp: 1670

Ion Ratio Lower Upper

96 100

61 1223.8 139.3 258.7#

63 11174.5 93.7 174.1#



Abundance Ion 96.00 (95.70 to 96.70): VU035861.D (-387) (-)

Ion 61.05 (60.75 to 61.75): VU035861.D (-387) (-)

Ion 63.00 (62.70 to 63.70): VU035861.D (-387) (-)

150000

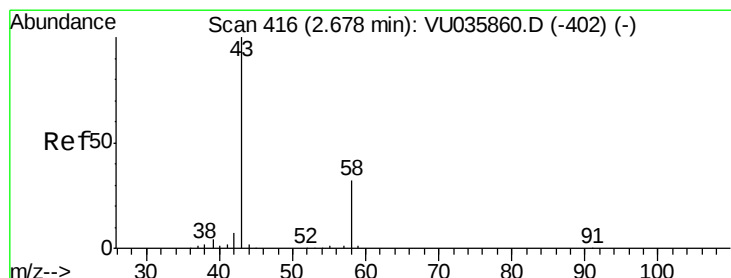
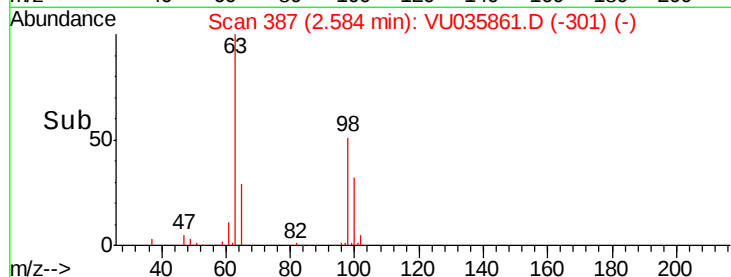
100000

50000

0

2.55 2.60 2.65

Time-->



#13

Acetone

Concen: 1.812 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.00 min

Lab File: VU035861.D

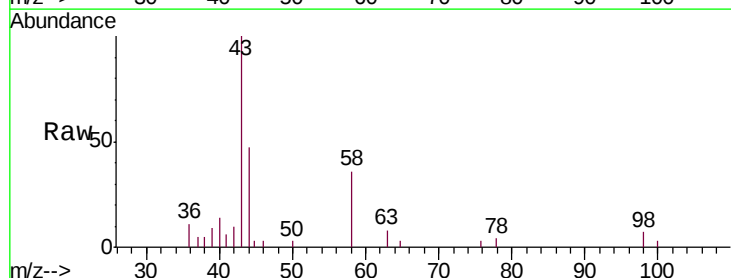
Acq: 26 Nov 2019 16:39

Tgt Ion: 43 Resp: 10753

Ion Ratio Lower Upper

43 100

58 29.6 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035861.D (-417) (-)

Ion 58.05 (57.75 to 58.75): VU035861.D (-417) (-)

4000

3000

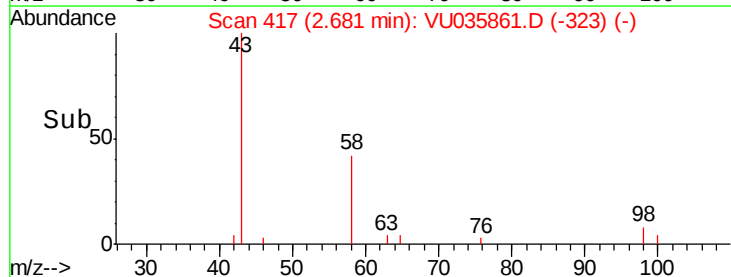
2000

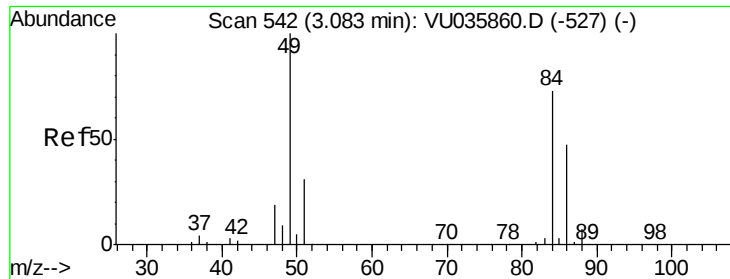
1000

0

2.60 2.65 2.70 2.75

Time-->

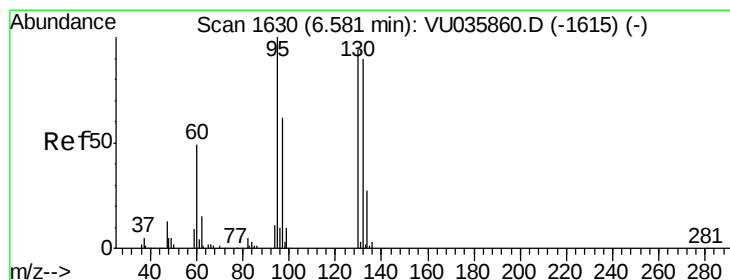
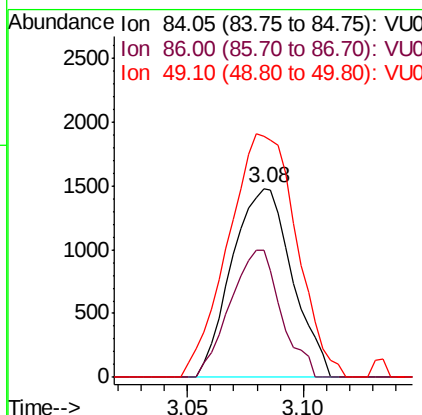
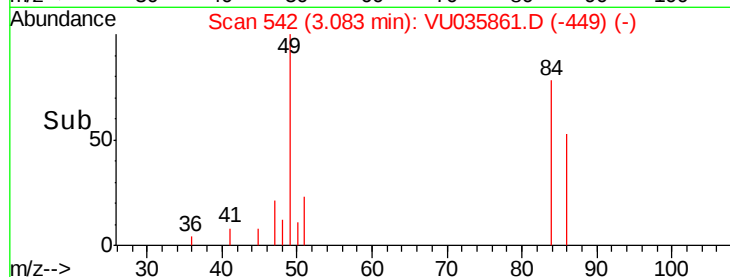
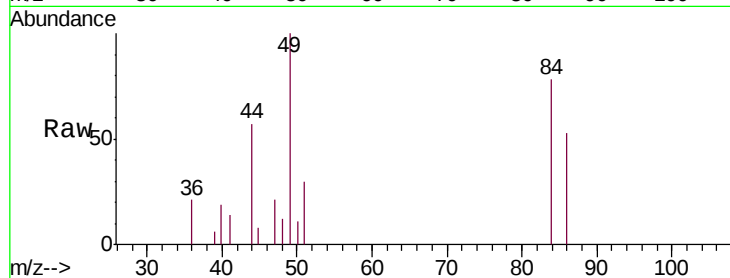




#16
Methylene chloride
Concen: 0.095 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU035861.D
Acq: 26 Nov 2019 16:39

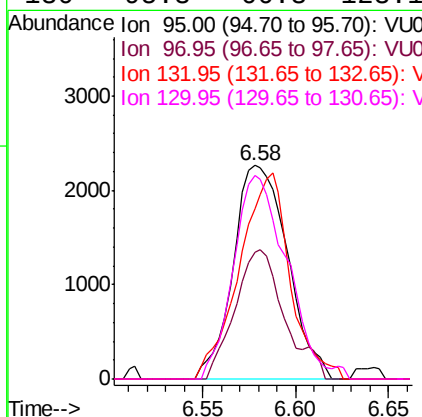
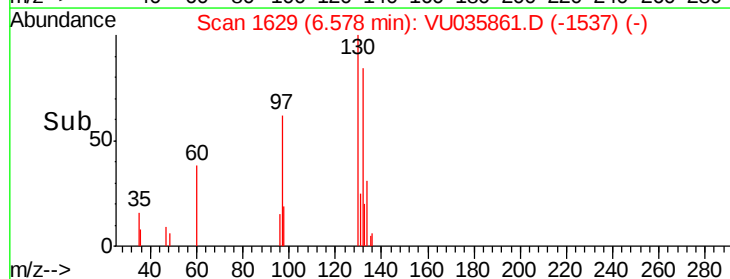
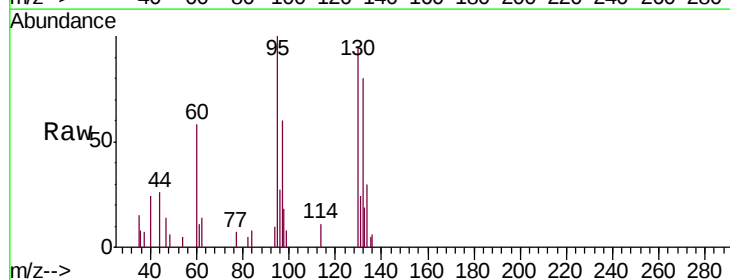
Instrument :
MSVOA_U
ClientSampleId :
VBLK15

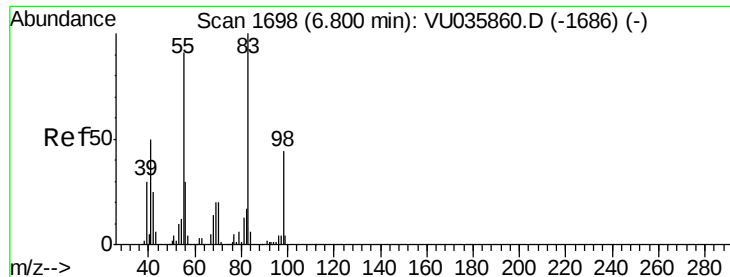
Tgt Ion: 84 Resp: 2672
Ion Ratio Lower Upper
84 100
86 67.3 44.4 82.5
49 128.0 94.0 174.6



#34
Trichloroethene
Concen: 0.178 ug/L
RT: 6.58 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU035861.D
Acq: 26 Nov 2019 16:39

Tgt Ion: 95 Resp: 4606
Ion Ratio Lower Upper
95 100
97 59.5 45.1 83.9
132 79.8 61.9 114.9
130 95.3 66.3 123.1





#35

Methylcyclohexane

Concen: 0.945 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035861.D

Acq: 26 Nov 2019 16:39

Instrument :

MSVOA_U

ClientSampleId :

VBLK15

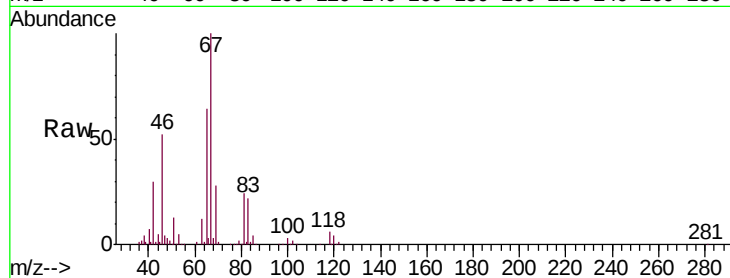
Tgt Ion: 83 Resp: 35891

Ion Ratio Lower Upper

83 100

55 0.3 72.7 109.1#

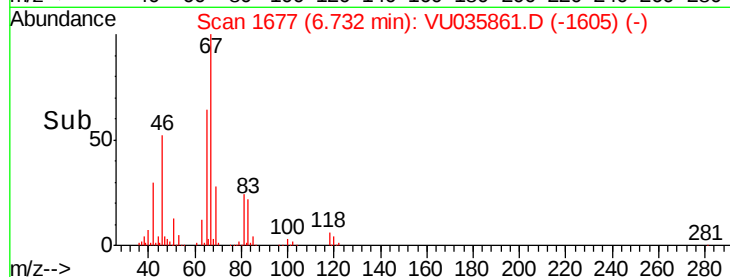
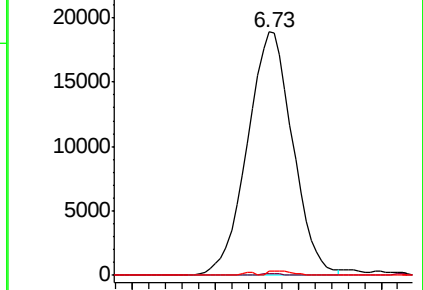
98 1.0 36.2 54.4#



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: 0.631 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU035861.D

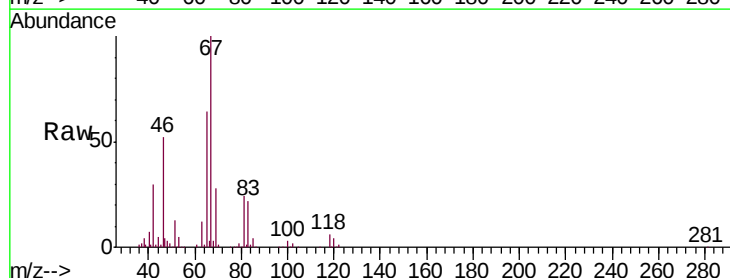
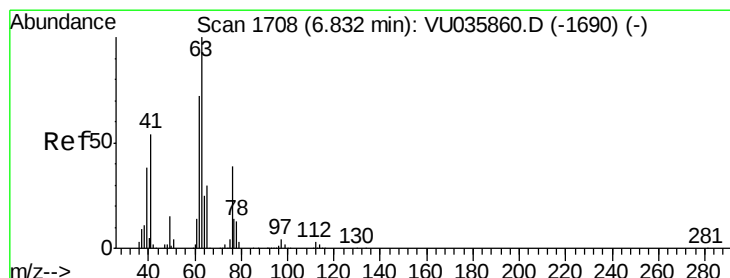
Acq: 26 Nov 2019 16:39

Tgt Ion: 63 Resp: 18875

Ion Ratio Lower Upper

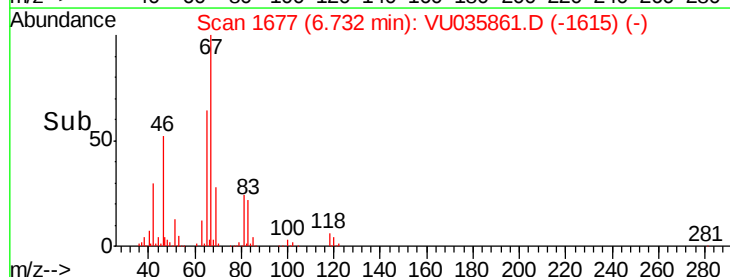
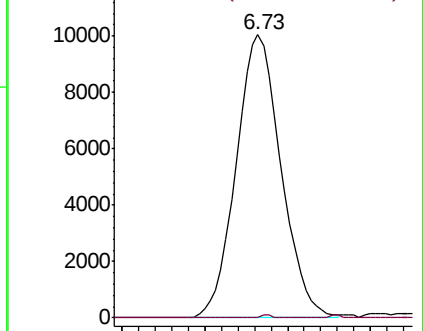
63 100

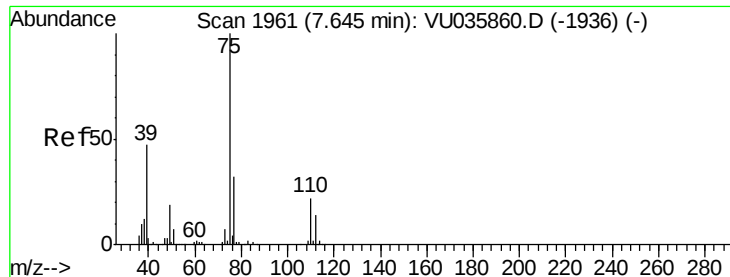
112 0.3 2.7 4.1#



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: 0.109 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035861.D

Acq: 26 Nov 2019 16:39

Instrument :

MSVOA_U

ClientSampleId :

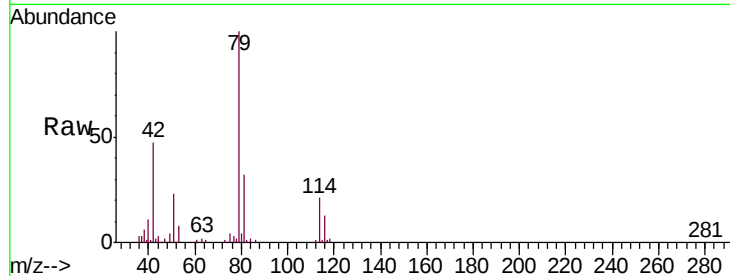
VBLK15

Tgt Ion: 75 Resp: 4208

Ion Ratio Lower Upper

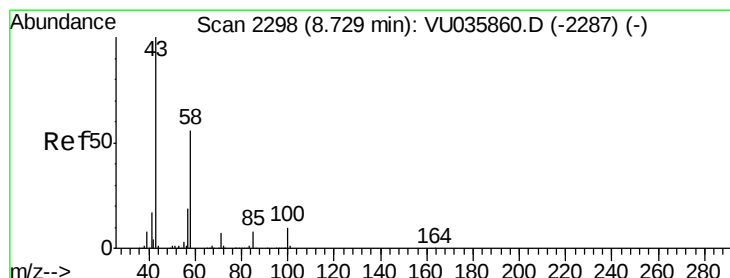
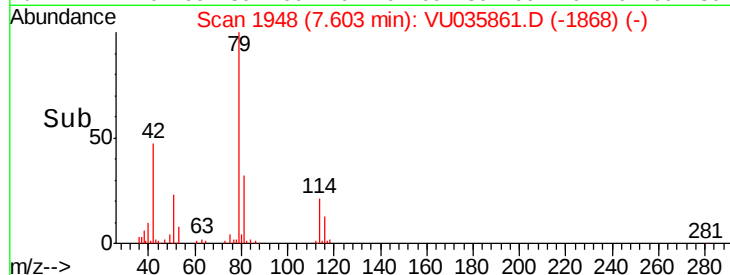
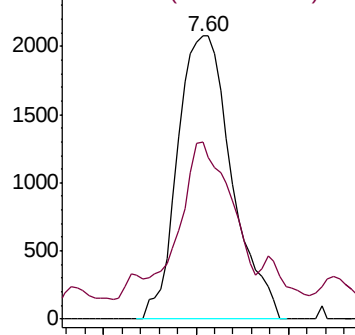
75 100

77 62.6 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 0.992 ug/L

RT: 8.73 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VU035861.D

Acq: 26 Nov 2019 16:39

Tgt Ion: 43 Resp: 13426

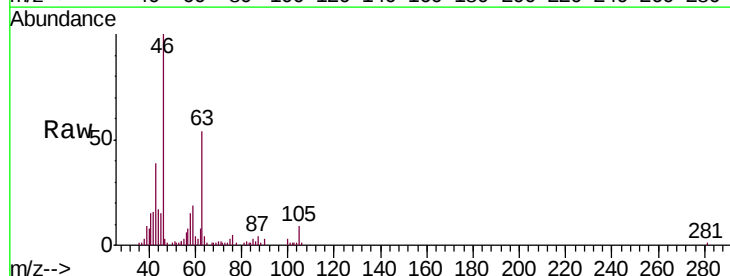
Ion Ratio Lower Upper

43 100

58 43.8 39.8 59.8

57 16.0 14.0 21.0

100 7.7 7.2 10.8

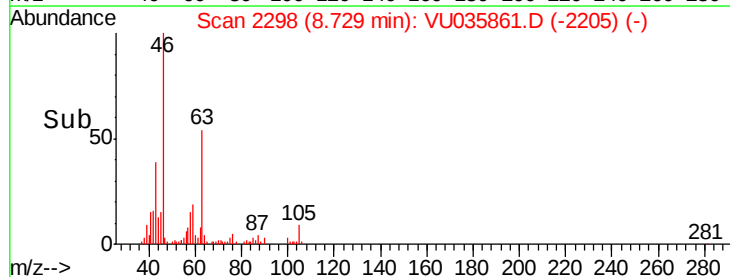
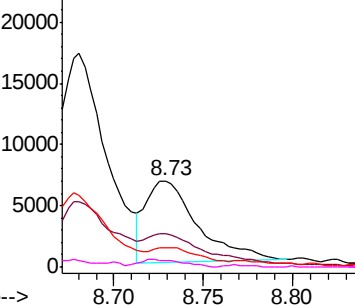


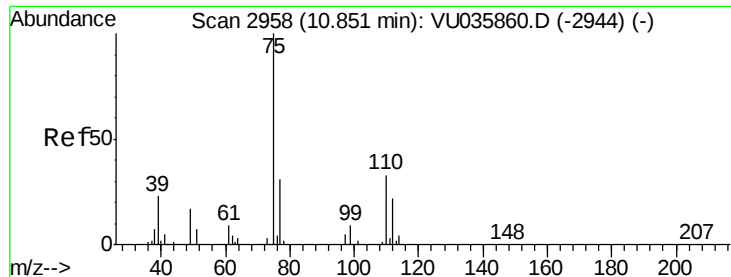
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.710 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU035861.D

Acq: 26 Nov 2019 16:39

Instrument :

MSVOA_U

ClientSampleId :

VBLK15

Tgt Ion: 75 Resp: 13826

Ion Ratio Lower Upper

75 100

77 36.4 25.4 38.2

