

Data File : VU035606.D
Acq On : 04 Nov 2019 14:28
Operator : JC/SP
Sample : VU1104WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK07

Quant Time: Nov 05 02:39:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 05 02:35:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	240924	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	261693	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	116421	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	120469	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.93	69	101242	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.59	63	152765	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.72	46	278739	50.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.82%
24) Chloroform-d	5.11	84	197943	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.75	65	102615	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.77	84	413190	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.73	67	134032	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	361877	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.22	79	51451	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.69	63	211482	50.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.46%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	108165	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	124360	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

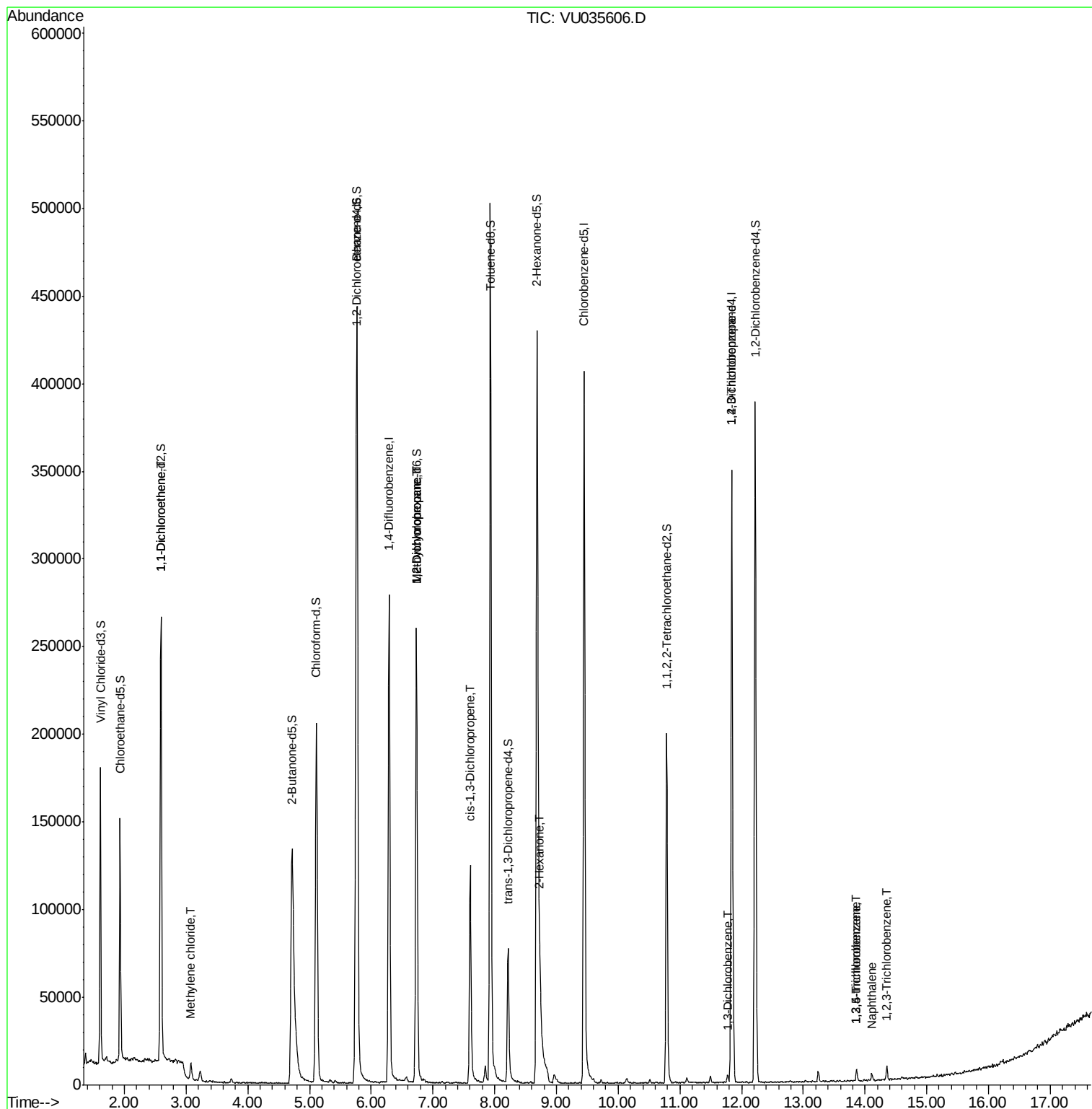
					Qvalue
12) 1,1-Dichloroethene	2.60	96	1442	0.068 ug/L #	1
16) Methylene chloride	3.08	84	4505	0.179 ug/L	91
35) Methylcyclohexane	6.73	83	30186	0.841 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	12914	0.532 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2811	0.081 ug/L #	19
48) 2-Hexanone	8.74	43	16556	1.670 ug/L #	85
59) 1,2,3-Trichloropropane	11.84	75	13600	0.847 ug/L	100
62) 1,3-Dichlorobenzene	11.78	146	2350	0.060 ug/L	92
67) 1,3,5-Trichlorobenzene	13.86	180	2726	0.108 ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	2726	0.179 ug/L	97
69) Naphthalene	14.11	128	3701	0.198 ug/L	97
70) 1,2,3-Trichlorobenzene	14.35	180	2977	0.203 ug/L	92

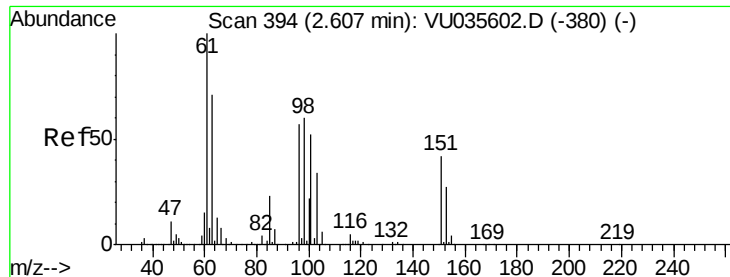
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU035606.D
Acq On : 04 Nov 2019 14:28
Operator : JC/SP
Sample : VU1104WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK07

Quant Time: Nov 05 02:39:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 05 02:35:58 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.068 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU035606.D

Acq: 04 Nov 2019 14:28

Instrument :

MSVOA_U

ClientSampleId :

VBLK07

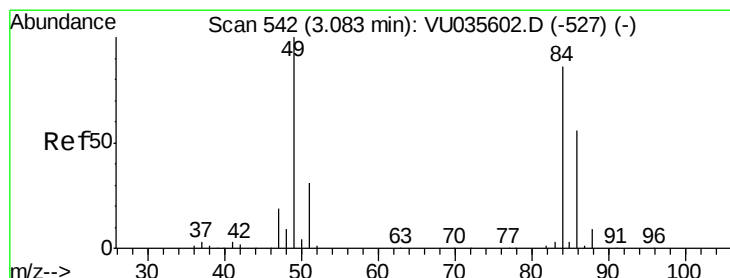
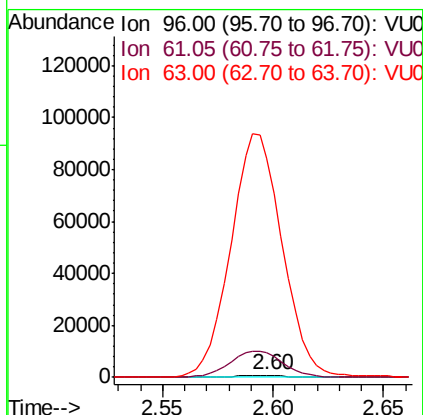
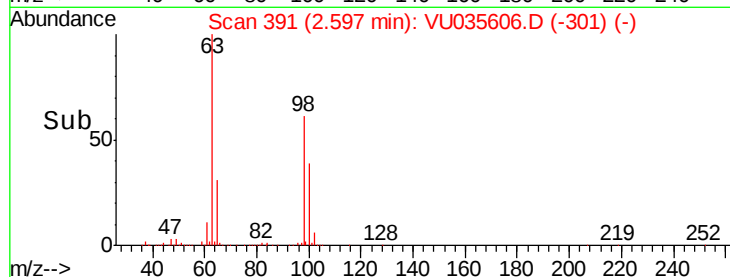
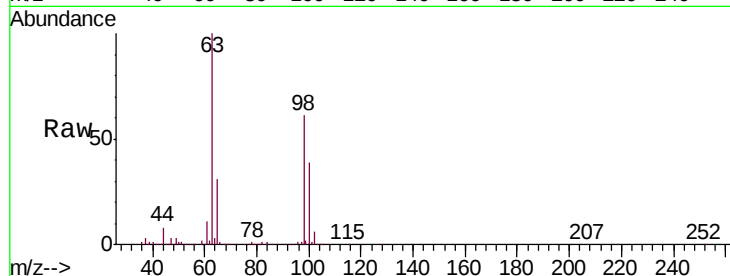
Tgt Ion: 96 Resp: 1442

Ion Ratio Lower Upper

96 100

61 1081.0 123.1 228.5#

63 9514.4 87.8 163.0#



#16

Methylene chloride

Concen: 0.179 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU035606.D

Acq: 04 Nov 2019 14:28

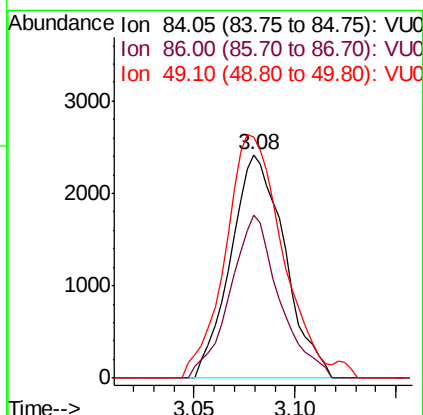
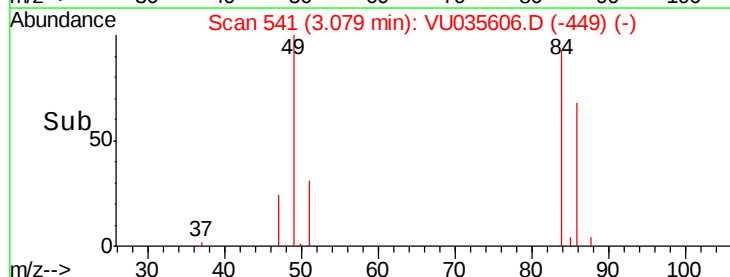
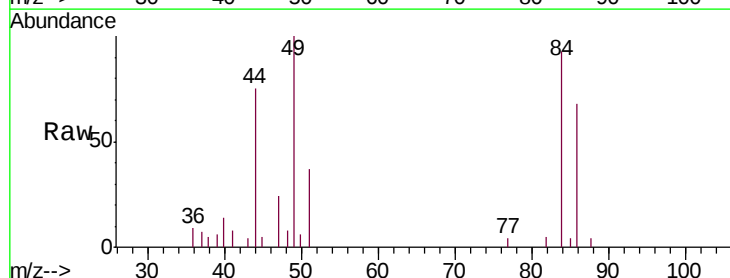
Tgt Ion: 84 Resp: 4505

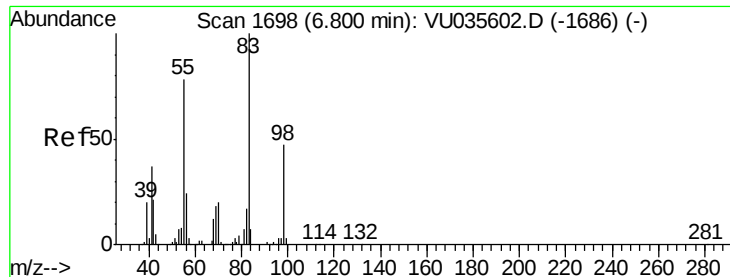
Ion Ratio Lower Upper

84 100

86 73.0 45.8 85.2

49 107.7 81.9 152.1

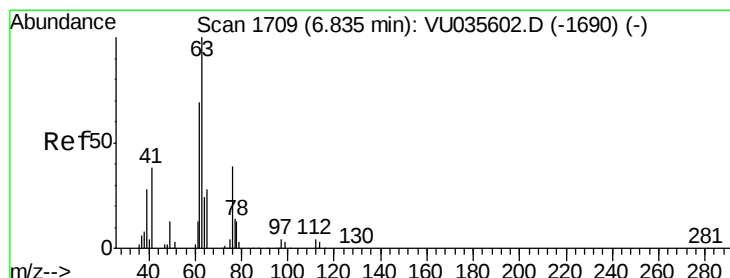
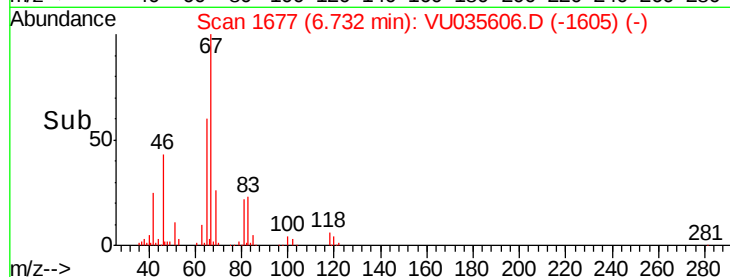
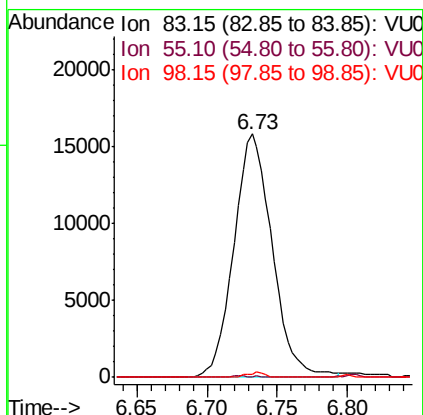
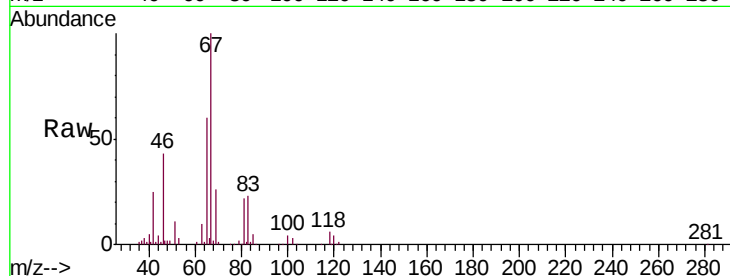




#35
Methylcyclohexane
Concen: 0.841 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035606.D
Acq: 04 Nov 2019 14:28

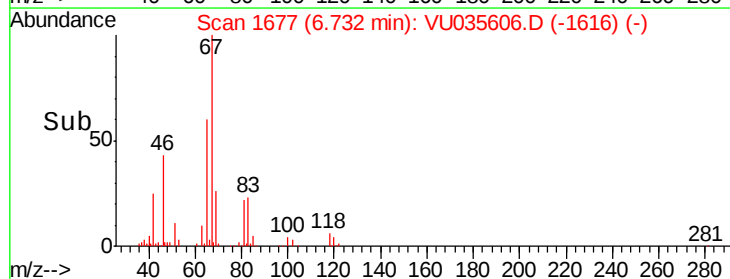
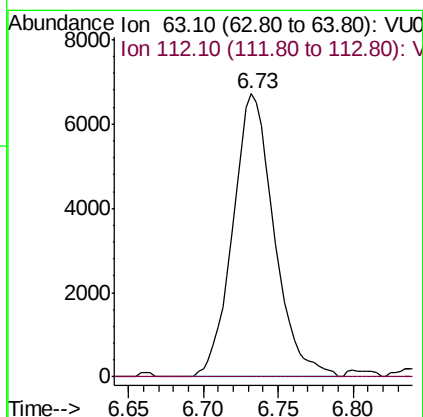
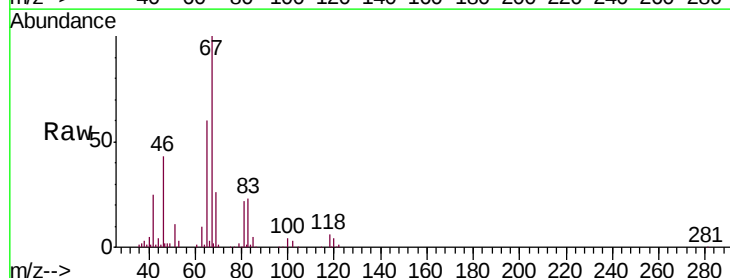
Instrument :
MSVOA_U
ClientSampleId :
VBLK07

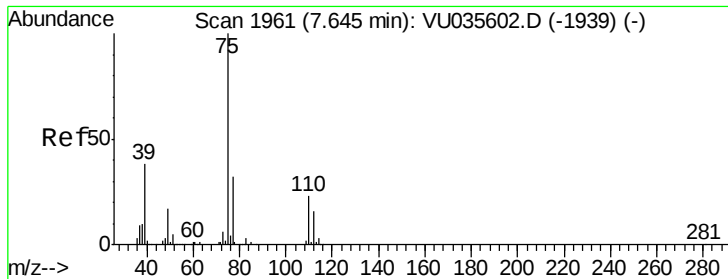
Tgt Ion: 83 Resp: 30186
Ion Ratio Lower Upper
83 100
55 0.1 62.6 93.8#
98 0.9 37.2 55.8#



#37
1,2-Dichloropropane
Concen: 0.532 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035606.D
Acq: 04 Nov 2019 14:28

Tgt Ion: 63 Resp: 12914
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#

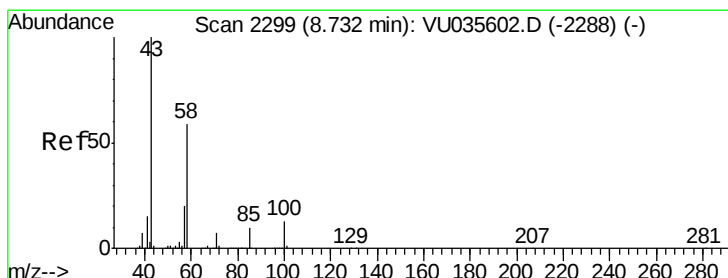
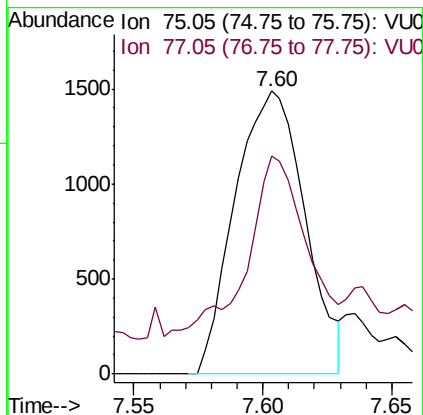
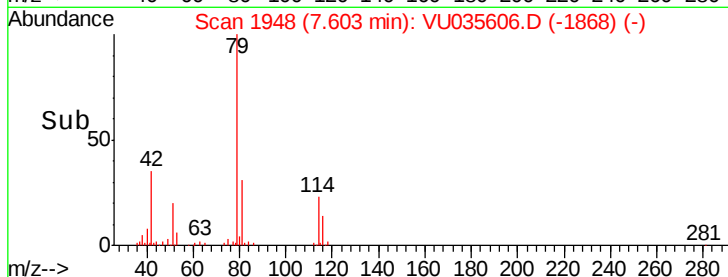
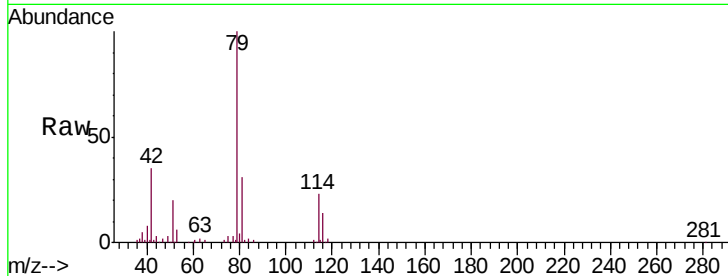




#39
 cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035606.D
 Acq: 04 Nov 2019 14:28

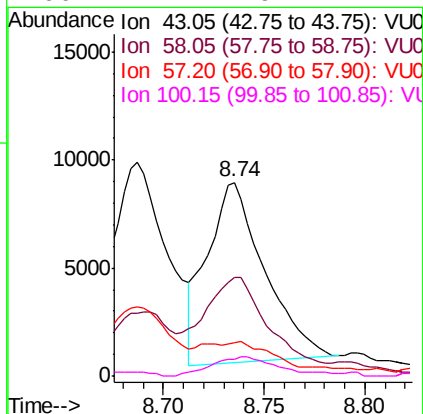
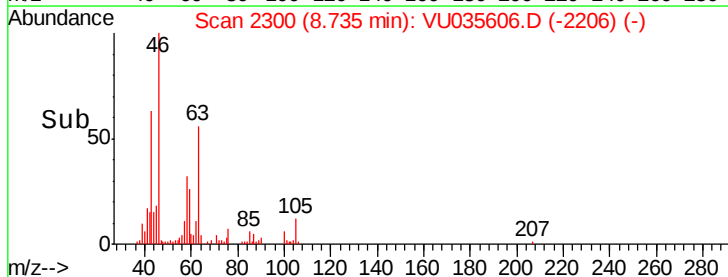
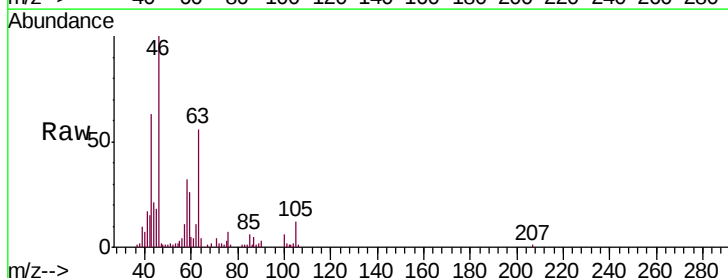
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK07

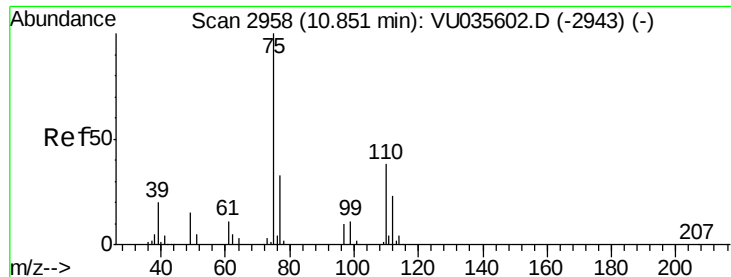
Tgt Ion: 75 Resp: 2811
 Ion Ratio Lower Upper
 75 100
 77 77.2 22.5 41.7#



#48
 2-Hexanone
 Concen: 1.670 ug/L
 RT: 8.74 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VU035606.D
 Acq: 04 Nov 2019 14:28

Tgt Ion: 43 Resp: 16556
 Ion Ratio Lower Upper
 43 100
 58 61.3 44.1 66.1
 57 0.0 15.1 22.7#
 100 11.7 9.4 14.2





#59

1,2,3-Trichloropropane

Concen: 0.847 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035606.D

Acq: 04 Nov 2019 14:28

Instrument :

MSVOA_U

ClientSampleId :

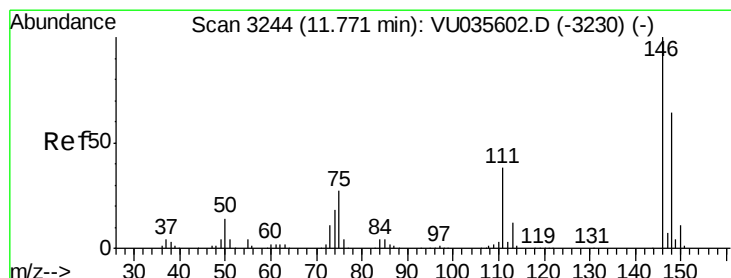
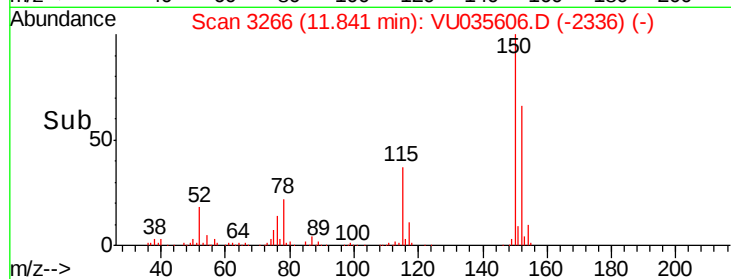
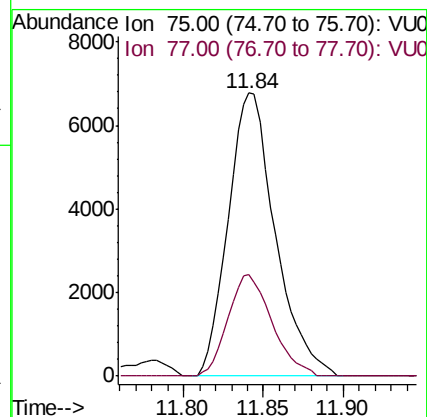
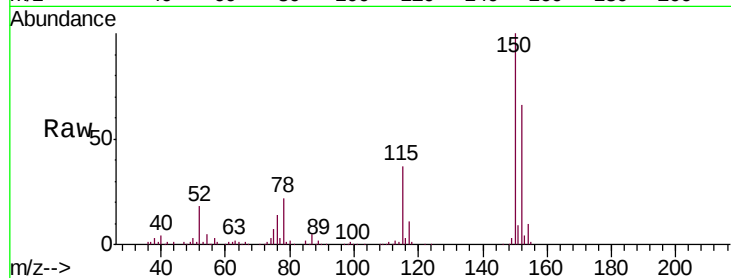
VBLK07

Tgt Ion: 75 Resp: 13600

Ion Ratio Lower Upper

75 100

77 33.4 26.8 40.2



#62

1,3-Dichlorobenzene

Concen: 0.060 ug/L

RT: 11.78 min Scan# 3246

Delta R.T. 0.01 min

Lab File: VU035606.D

Acq: 04 Nov 2019 14:28

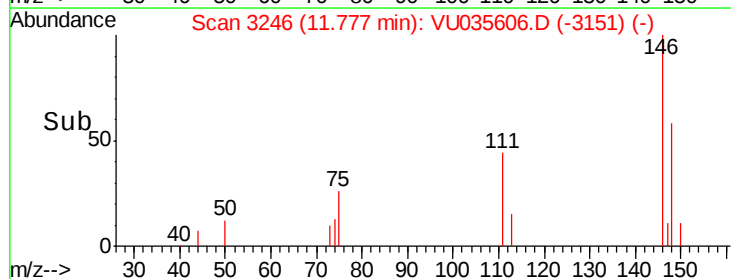
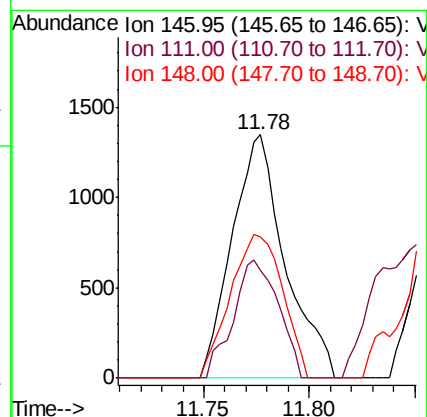
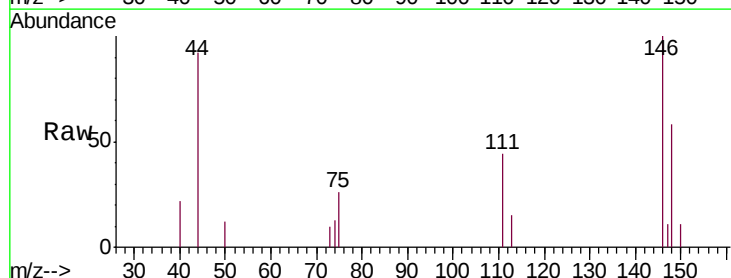
Tgt Ion: 146 Resp: 2350

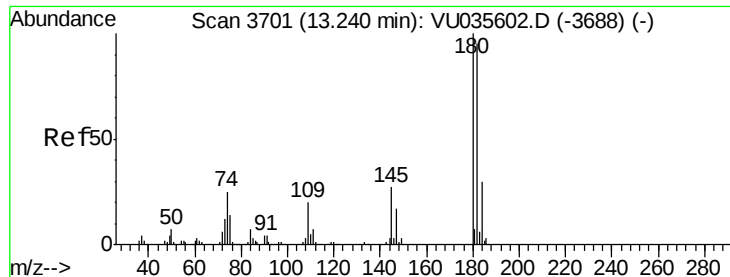
Ion Ratio Lower Upper

146 100

111 44.1 26.7 49.5

148 58.2 44.5 82.7

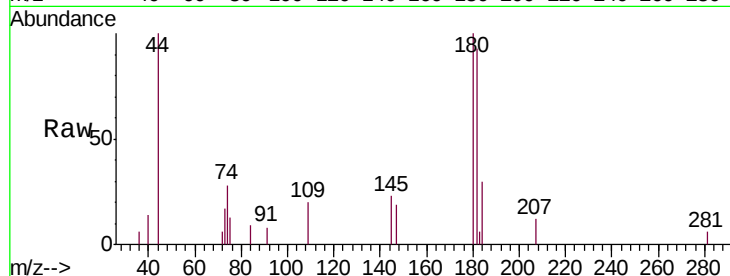




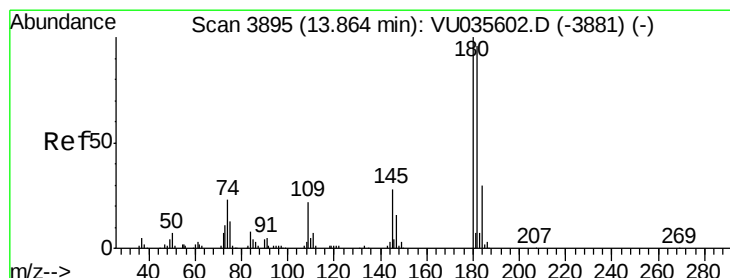
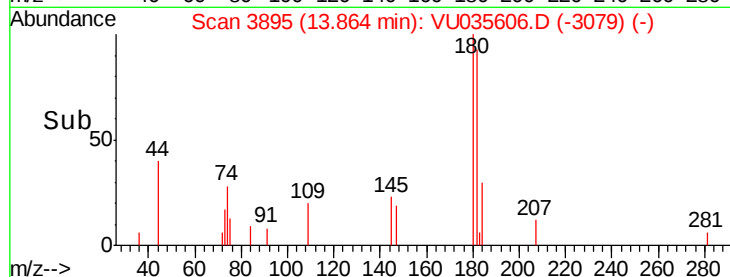
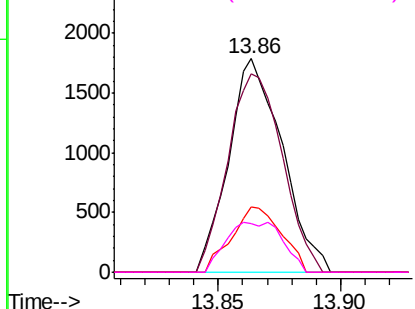
#67
 1,3,5-Trichlorobenzene
 Concen: 0.108 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. 0.62 min
 Lab File: VU035606.D
 Acq: 04 Nov 2019 14:28

Instrument :
 MSVOA_U
 ClientSampled :
 VBLK07

Tgt Ion:180 Resp: 2726
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.9 113.9
 184 28.3 24.1 36.1
 145 24.7 21.5 32.3

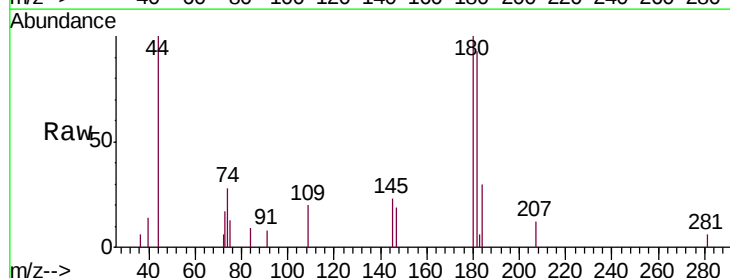


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

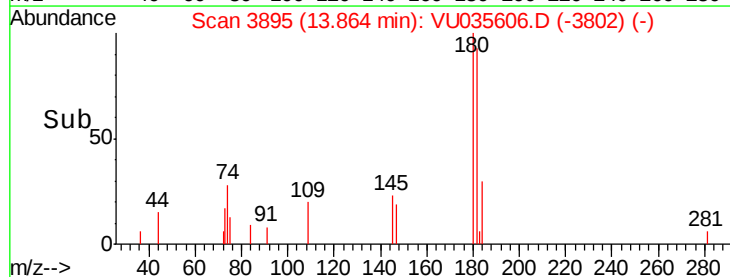
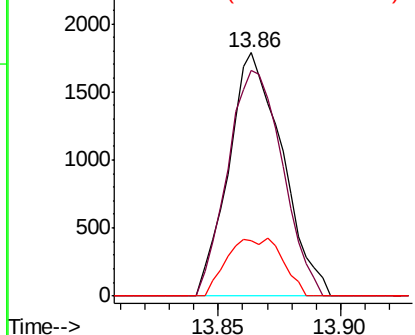


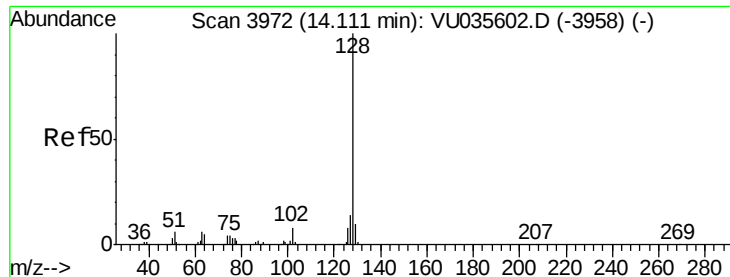
#68
 1,2,4-trichlorobenzene
 Concen: 0.179 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. -0.00 min
 Lab File: VU035606.D
 Acq: 04 Nov 2019 14:28

Tgt Ion:180 Resp: 2726
 Ion Ratio Lower Upper
 180 100
 182 94.6 77.4 116.2
 145 24.7 22.2 33.4



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 0.198 ug/L

RT: 14.11 min Scan# 3971

Delta R.T. -0.00 min

Lab File: VU035606.D

Acq: 04 Nov 2019 14:28

Instrument :

MSVOA_U

ClientSampleId :

VBLK07

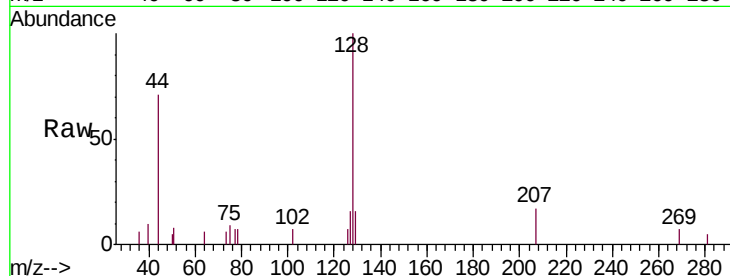
Tgt Ion:128 Resp: 3701

Ion Ratio Lower Upper

128 100

129 11.6 8.1 12.1

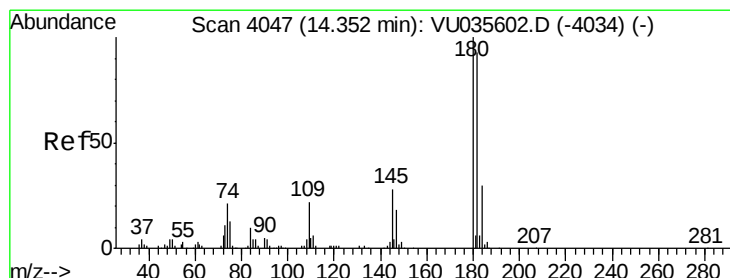
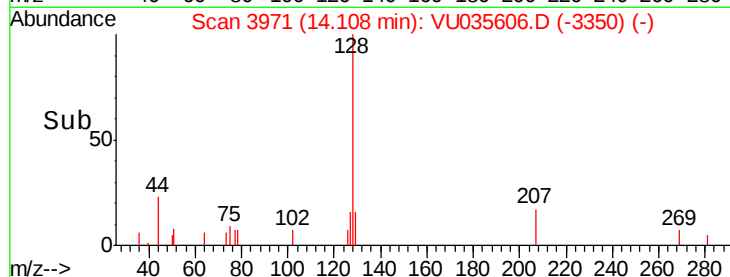
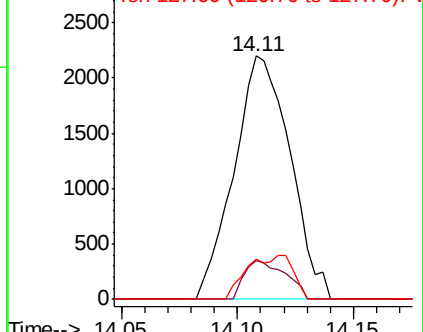
127 14.8 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.203 ug/L

RT: 14.35 min Scan# 4047

Delta R.T. -0.00 min

Lab File: VU035606.D

Acq: 04 Nov 2019 14:28

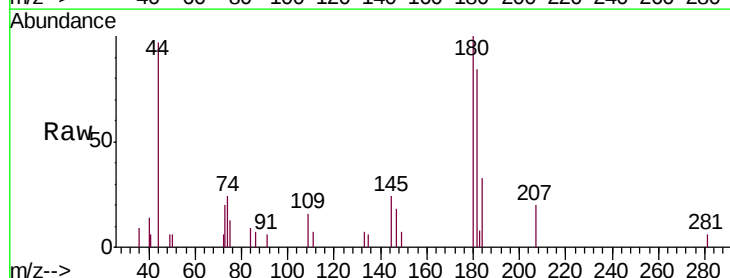
Tgt Ion:180 Resp: 2977

Ion Ratio Lower Upper

180 100

182 85.7 74.8 112.2

145 24.9 23.6 35.4



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

