

Data File : VU036179.D
Acq On : 13 Dec 2019 04:04
Operator : JC/MD
Sample : VU1212WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK29

Quant Time: Dec 13 04:40:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 04:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	272859	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	306301	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	99497	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	133900	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.93	69	118110	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.59	63	131747	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.68	46	212812	47.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.80%
24) Chloroform-d	5.11	84	180643	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.75	65	98232	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.77	84	365441	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.73	67	119058	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.93	98	295242	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	8.21	79	43003	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.68	63	161622	41.28	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.56%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	97692	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	100638	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

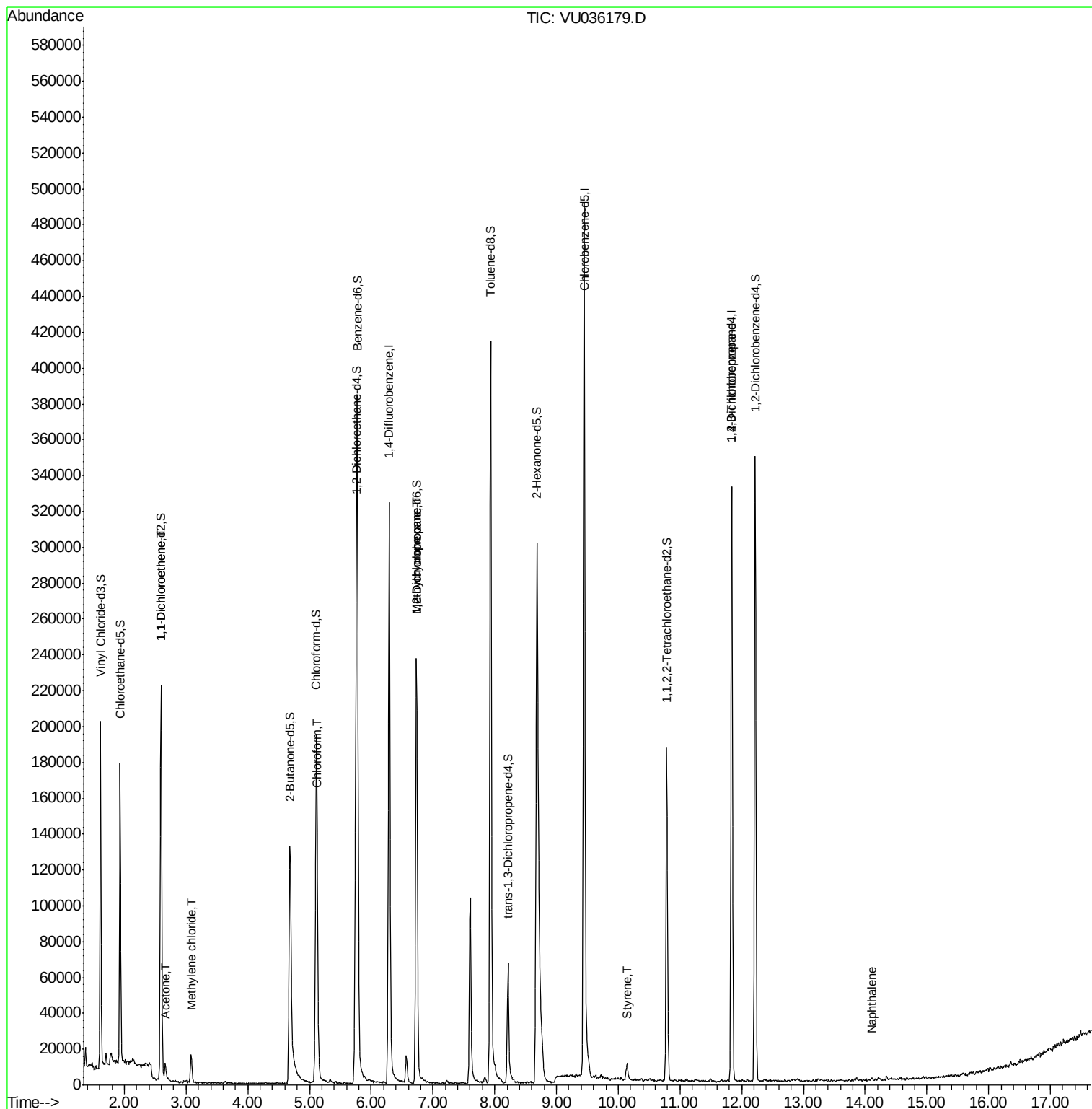
					Qvalue
12) 1,1-Dichloroethene	2.60	96	1242	0.060 ug/L #	1
13) Acetone	2.66	43	9110	2.357 ug/L	99
16) Methylene chloride	3.08	84	7990	0.278 ug/L	96
25) Chloroform	5.13	83	11782	0.284 ug/L	98
35) Methylcyclohexane	6.73	83	28638	0.834 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12130	0.499 ug/L #	87
55) Styrene	10.15	104	4707	0.073 ug/L	97
59) 1,2,3-Trichloropropane	11.84	75	10496	0.655 ug/L	90
69) Naphthalene	14.11	128	1379	0.120 ug/L #	72

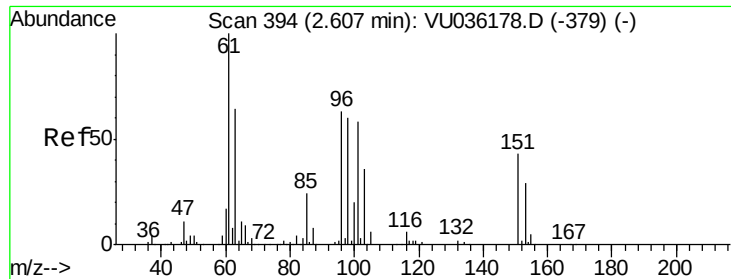
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036179.D

Acq: 13 Dec 2019 04:04

Instrument :

MSVOA_U

ClientSampleId :

VBLK29

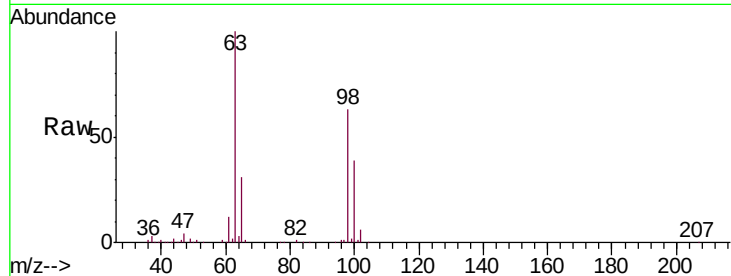
Tgt Ion: 96 Resp: 1242

Ion Ratio Lower Upper

96 100

61 1094.5 110.6 205.4#

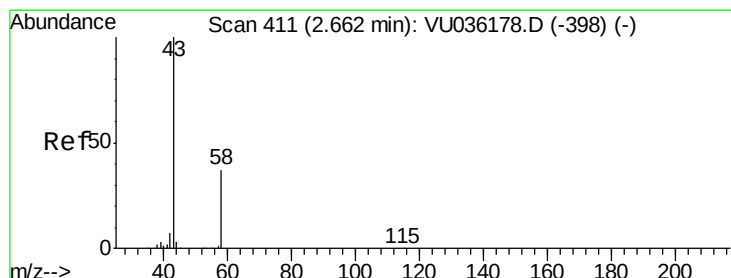
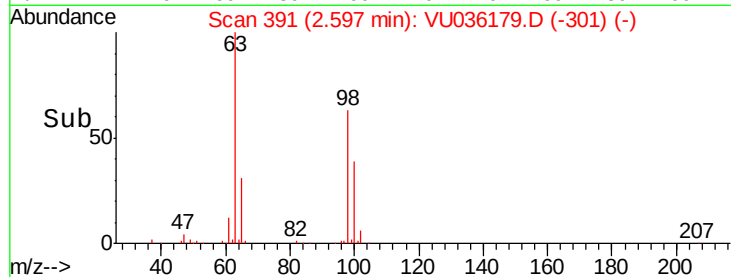
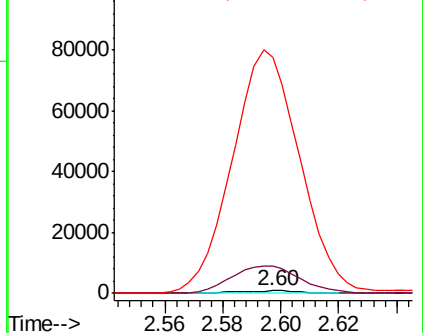
63 9453.0 71.6 133.0#



Abundance Ion 96.00 (95.70 to 96.70): VU036179.D (-391) (-)

Ion 61.05 (60.75 to 61.75): VU036179.D (-391) (-)

Ion 63.00 (62.70 to 63.70): VU036179.D (-391) (-)



#13

Acetone

Concen: 2.357 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.00 min

Lab File: VU036179.D

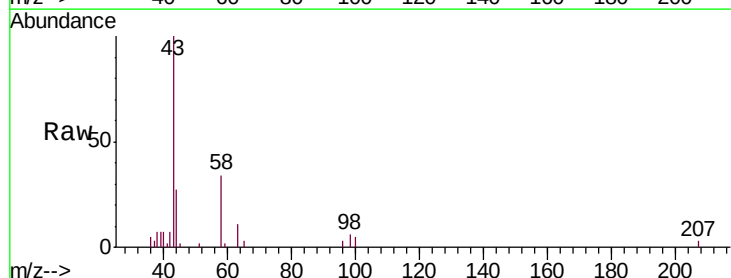
Acq: 13 Dec 2019 04:04

Tgt Ion: 43 Resp: 9110

Ion Ratio Lower Upper

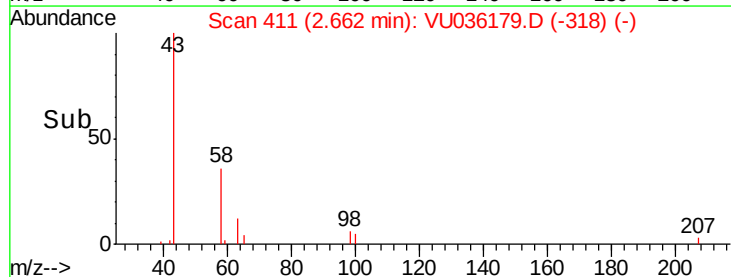
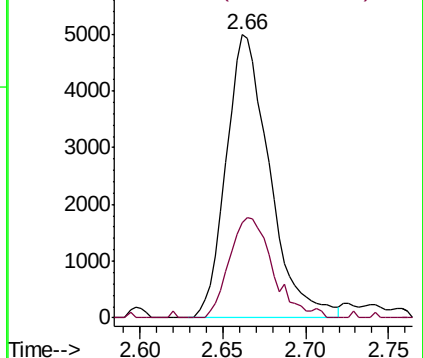
43 100

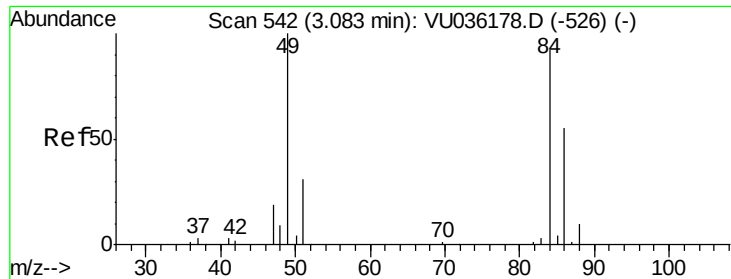
58 35.5 0.0 70.0



Abundance Ion 43.05 (42.75 to 43.75): VU036179.D (-411) (-)

Ion 58.05 (57.75 to 58.75): VU036179.D (-411) (-)

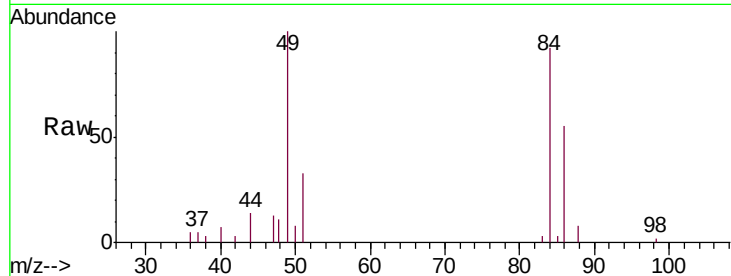




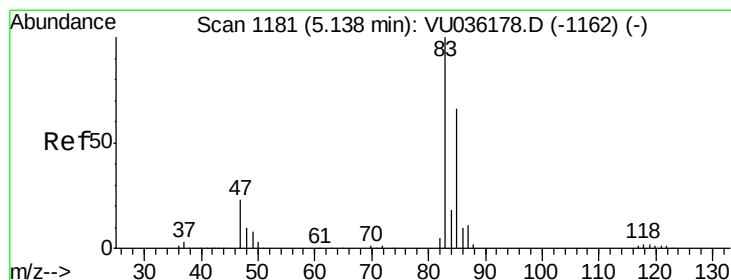
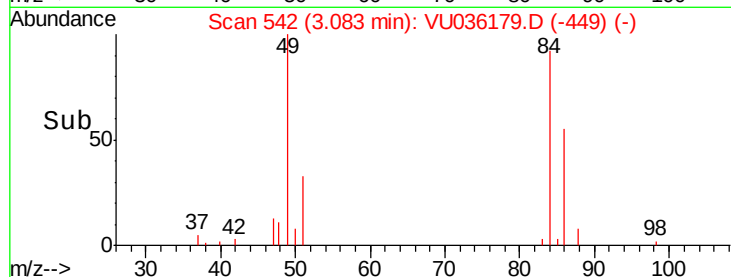
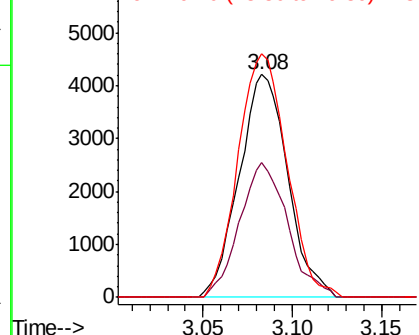
#16
Methylene chloride
Concen: 0.278 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU036179.D
Acq: 13 Dec 2019 04:04

Instrument :
MSVOA_U
ClientSampleId :
VBLK29

Tgt Ion: 84 Resp: 7990
Ion Ratio Lower Upper
84 100
86 60.4 46.1 85.5
49 109.2 77.7 144.3

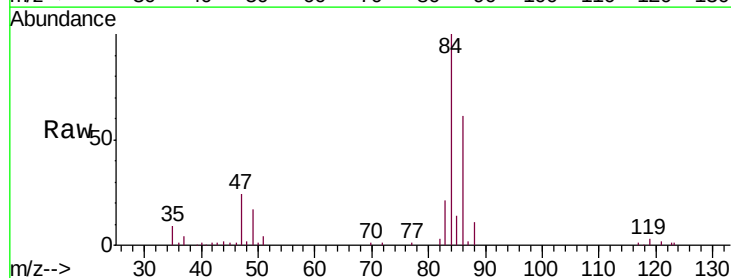


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

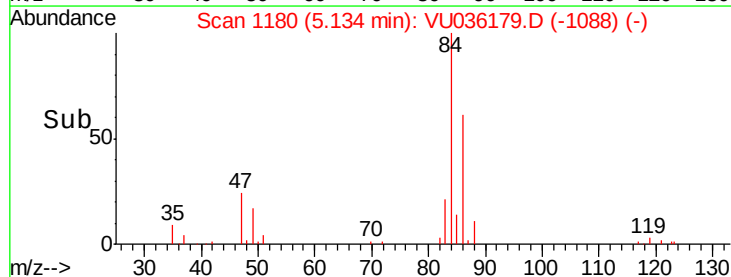
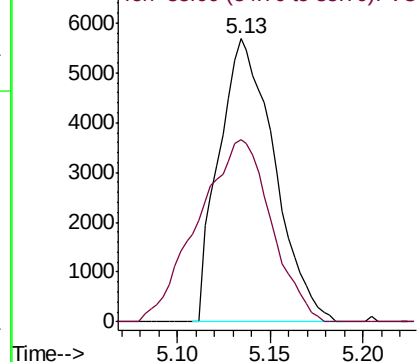


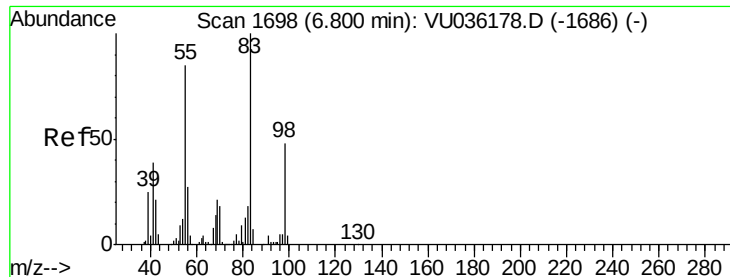
#25
Chloroform
Concen: 0.284 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU036179.D
Acq: 13 Dec 2019 04:04

Tgt Ion: 83 Resp: 11782
Ion Ratio Lower Upper
83 100
85 64.6 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0





#35

Methylcyclohexane

Concen: 0.834 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036179.D

Acq: 13 Dec 2019 04:04

Instrument :

MSVOA_U

ClientSampleId :

VBLK29

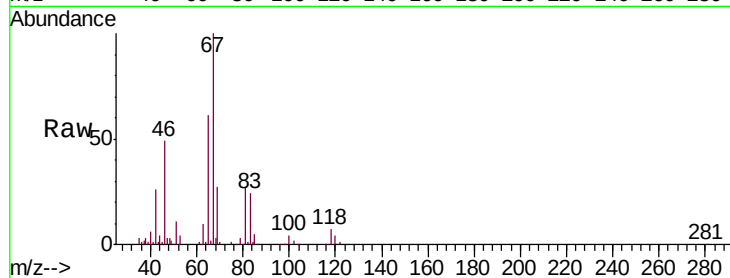
Tgt Ion: 83 Resp: 28638

Ion Ratio Lower Upper

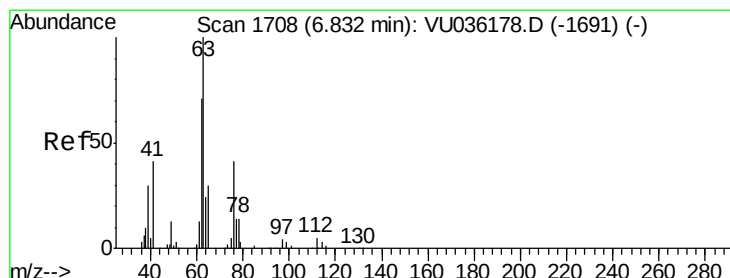
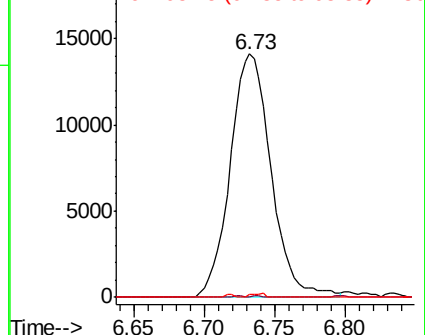
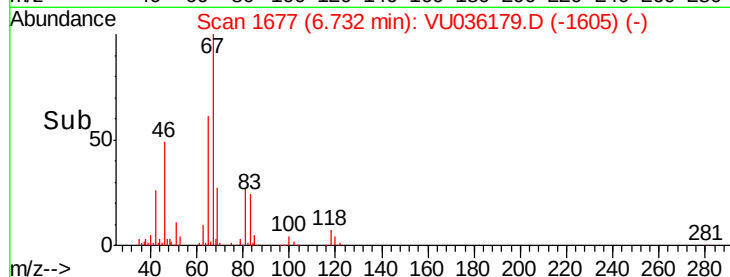
83 100

55 0.1 61.9 92.9#

98 0.5 35.8 53.6#



Abundance Ion 83.15 (82.85 to 83.85): VU036179.D (-1605) (-)



#37

1,2-Dichloropropane

Concen: 0.499 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.10 min

Lab File: VU036179.D

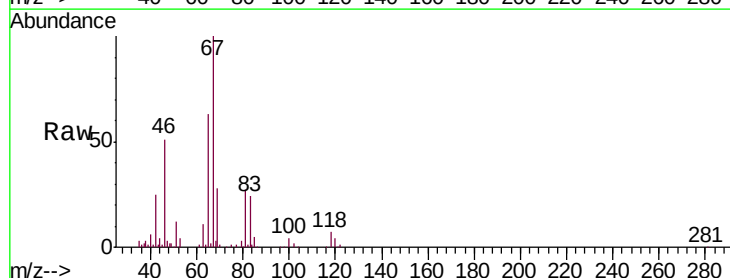
Acq: 13 Dec 2019 04:04

Tgt Ion: 63 Resp: 12130

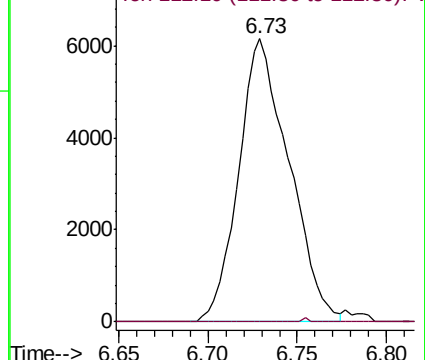
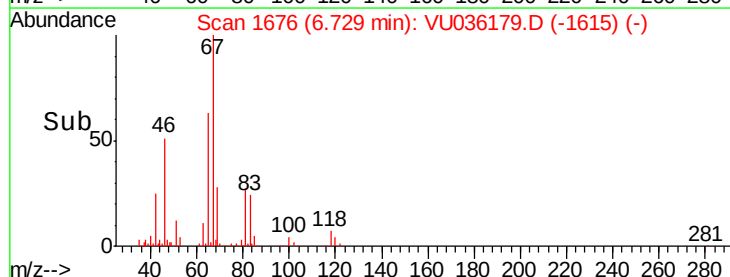
Ion Ratio Lower Upper

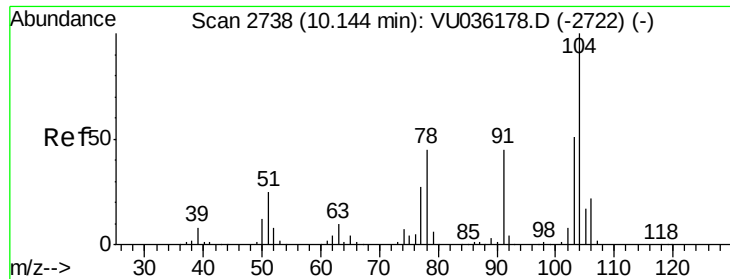
63 100

112 0.2 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU036179.D (-1615) (-)





#55

Styrene

Concen: 0.073 ug/L

RT: 10.15 min Scan# 2739

Delta R.T. 0.00 min

Lab File: VU036179.D

Acq: 13 Dec 2019 04:04

Instrument :

MSVOA_U

ClientSampleId :

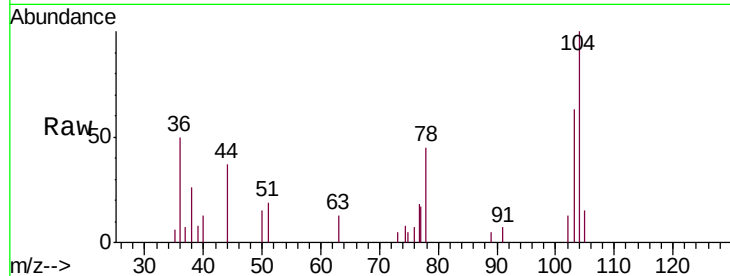
VBLK29

Tgt Ion:104 Resp: 4707

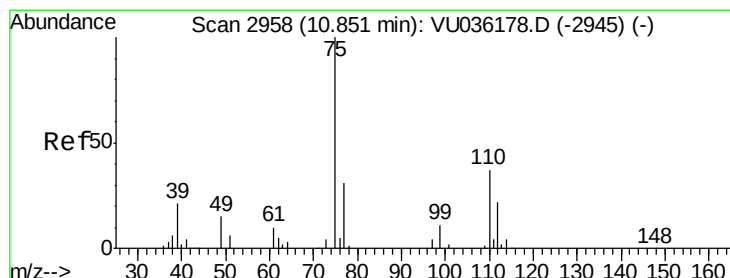
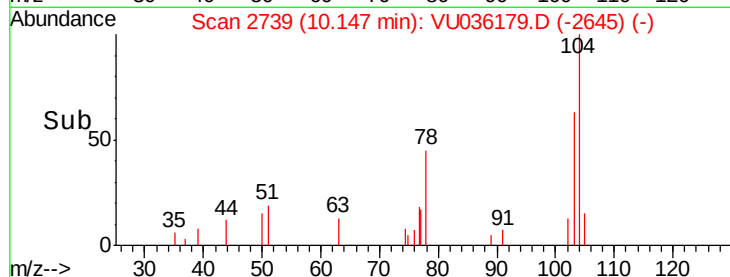
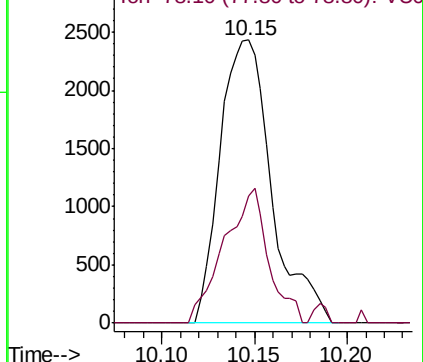
Ion Ratio Lower Upper

104 100

78 45.0 30.0 55.8



Abundance Ion 104.10 (103.80 to 104.80): VU036179.D (-2645) (-)



#59

1,2,3-Trichloropropane

Concen: 0.655 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036179.D

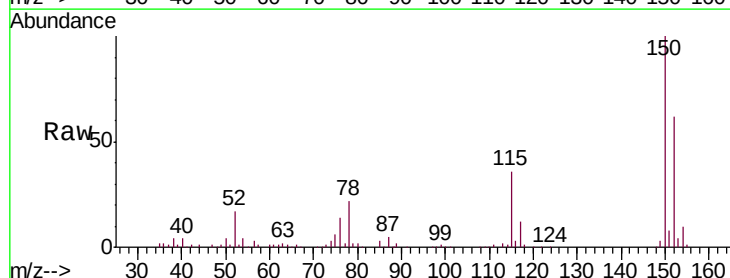
Acq: 13 Dec 2019 04:04

Tgt Ion: 75 Resp: 10496

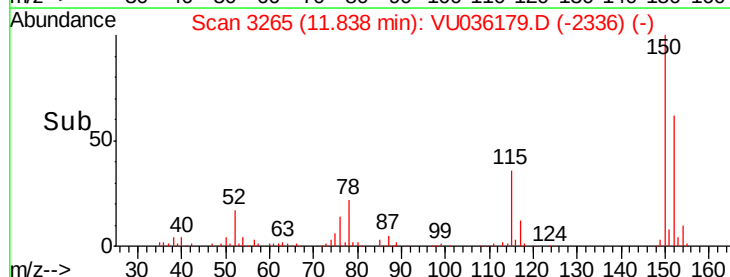
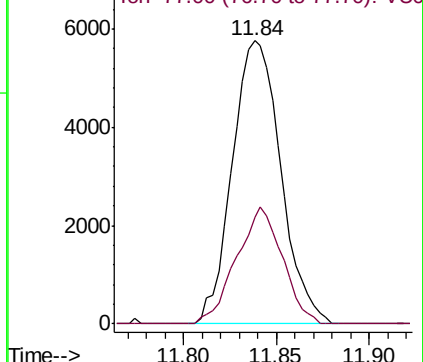
Ion Ratio Lower Upper

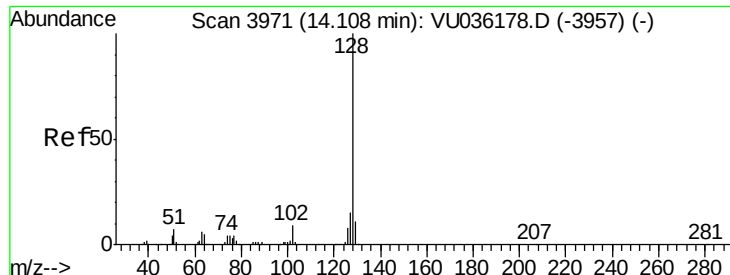
75 100

77 39.1 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VU036179.D (-2336) (-)





#69

Naphthalene

Concen: 0.120 ug/L

RT: 14.11 min Scan# 3971

Delta R.T. -0.00 min

Lab File: VU036179.D

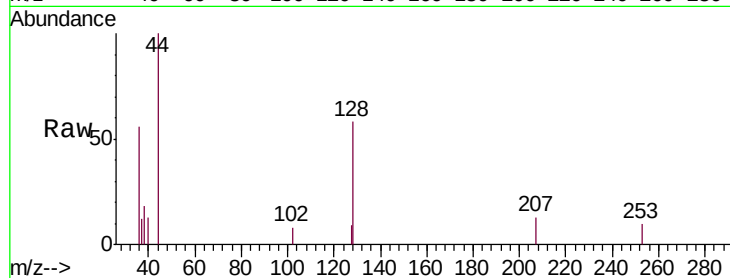
Acq: 13 Dec 2019 04:04

Instrument :

MSVOA_U

ClientSampleId :

VBLK29



Tgt Ion:	128	Resp:	1379
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	3.3	11.3	16.9#

