

Data File : VU036128.D
Acq On : 11 Dec 2019 13:07
Operator : JC/MD
Sample : K6105-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Dec 12 06:14:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 12 06:08:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	297113	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	331436	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	87512	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	131461	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.93	69	131115	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.59	63	143053	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.69	46	259420	57.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.98%
24) Chloroform-d	5.11	84	217342	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.75	65	114580	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.77	84	410173	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.73	67	132514	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.93	98	328952	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	8.21	79	48487	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.70	63	198135	51.93	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.86%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	117816	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	83571	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

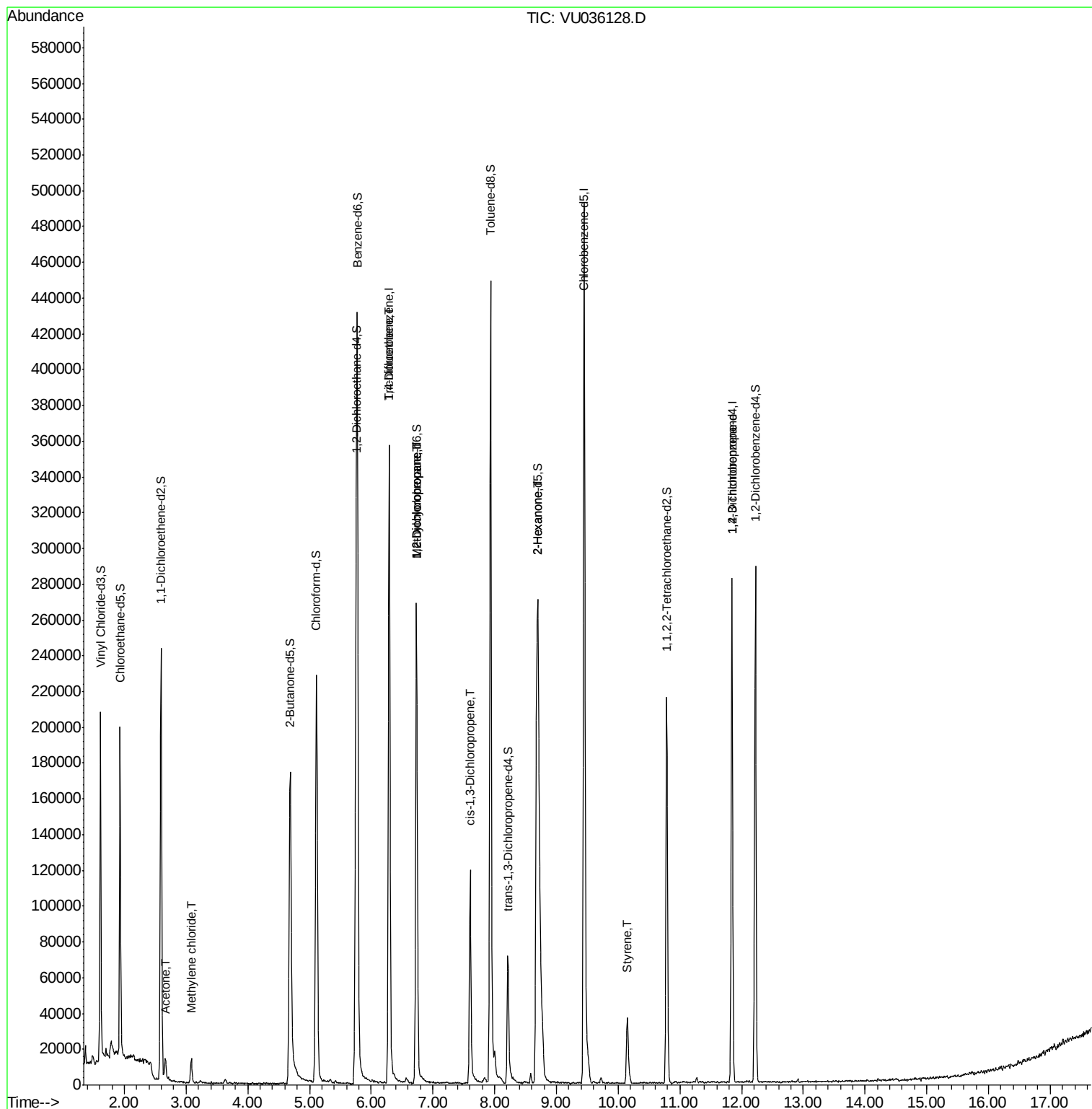
					Qvalue
13) Acetone	2.66	43	13349	2.330 ug/L	97
16) Methylene chloride	3.08	84	6654	0.222 ug/L	96
34) Trichloroethene	6.29	95	6189	0.257 ug/L #	2
35) Methylcyclohexane	6.73	83	31289	0.970 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12965	0.571 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	3027	0.098 ug/L #	35
48) 2-Hexanone	8.70	43	11525	1.354 ug/L #	60
55) Styrene	10.15	104	25018	0.383 ug/L	97
59) 1,2,3-Trichloropropane	11.84	75	9299	0.573 ug/L	92

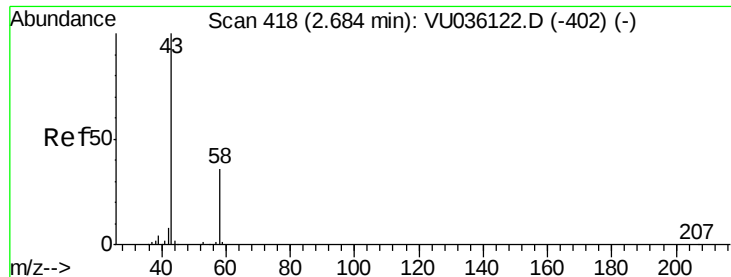
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.330 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036128.D

Acq: 11 Dec 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

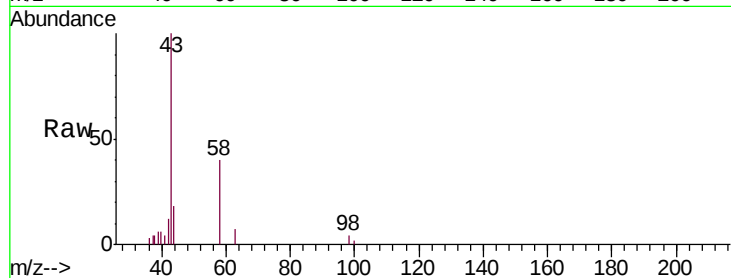
VHBLK01

Tgt Ion: 43 Resp: 13349

Ion Ratio Lower Upper

43 100

58 35.2 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036128.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU036128.D (-325) (-)

2.66

8000

6000

4000

2000

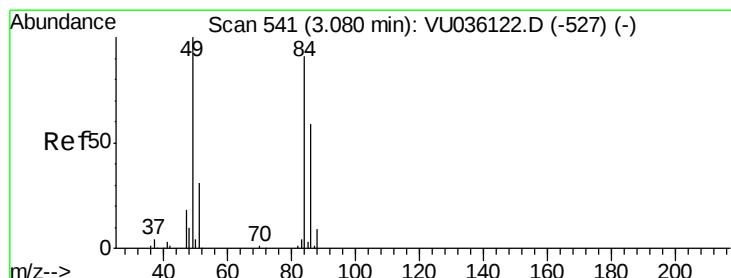
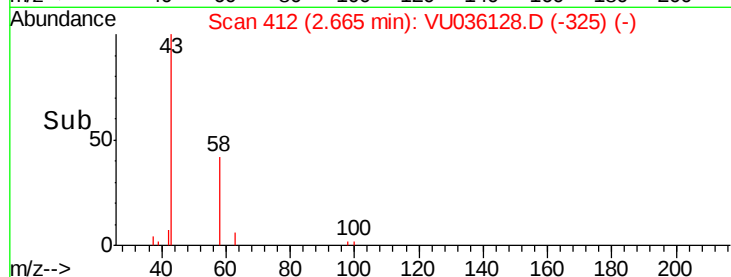
0

Time-->

2.60

2.65

2.70



#16

Methylene chloride

Concen: 0.222 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU036128.D

Acq: 11 Dec 2019 13:07

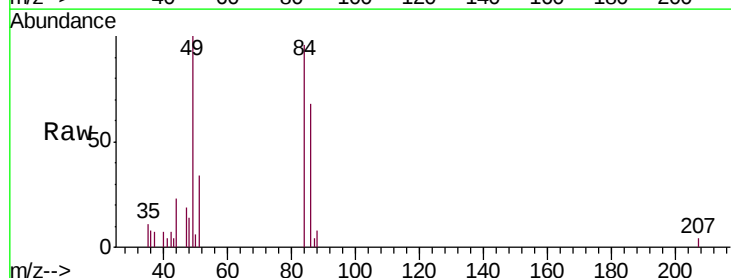
Tgt Ion: 84 Resp: 6654

Ion Ratio Lower Upper

84 100

86 70.7 47.5 88.3

49 104.5 76.9 142.9



Abundance Ion 84.05 (83.75 to 84.75): VU036128.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU036128.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU036128.D (-448) (-)

3.08

5000

4000

3000

2000

1000

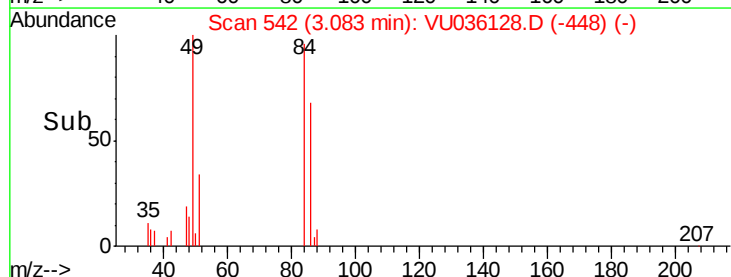
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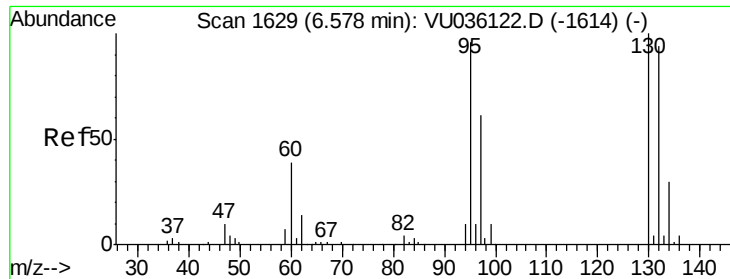
Time-->

3.05

3.10

3.15





#34

Trichloroethene

Concen: 0.257 ug/L

RT: 6.29 min Scan# 1540

Delta R.T. -0.29 min

Lab File: VU036128.D

Acq: 11 Dec 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 6189

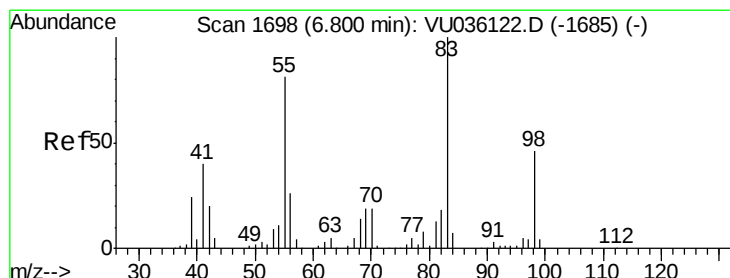
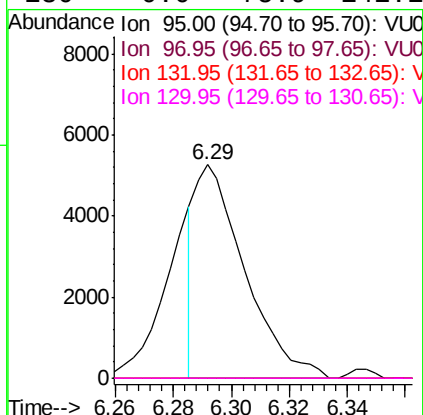
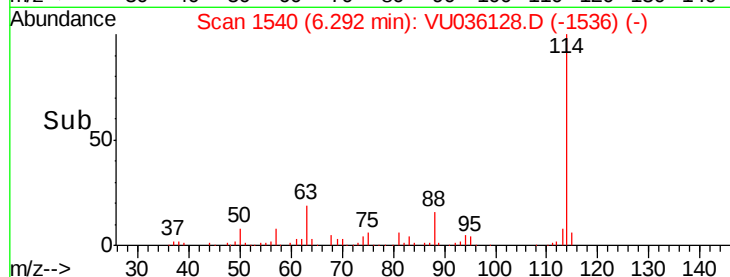
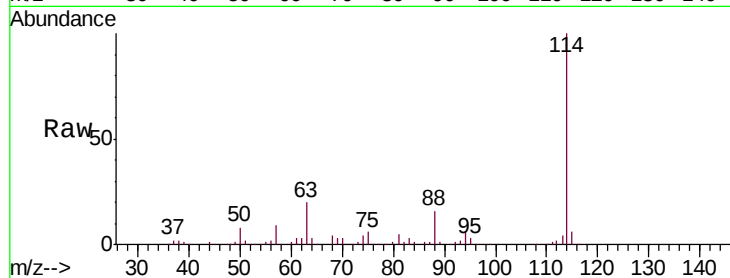
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.4#

132 0.0 73.4 136.4#

130 0.0 75.9 141.1#



#35

Methylcyclohexane

Concen: 0.970 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036128.D

Acq: 11 Dec 2019 13:07

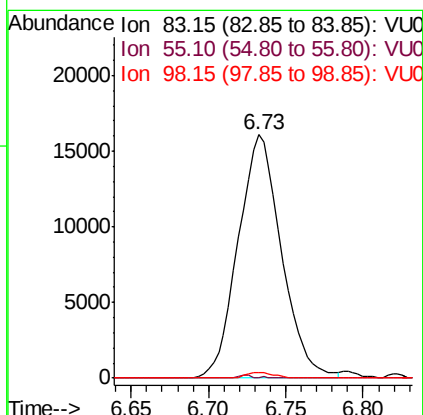
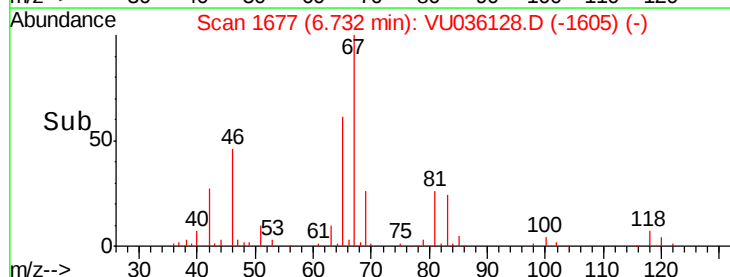
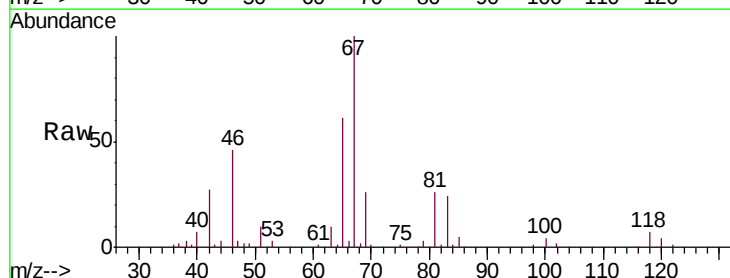
Tgt Ion: 83 Resp: 31289

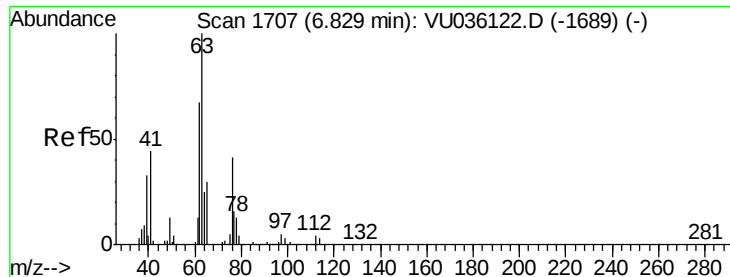
Ion Ratio Lower Upper

83 100

55 0.1 62.1 93.1#

98 1.4 37.0 55.4#

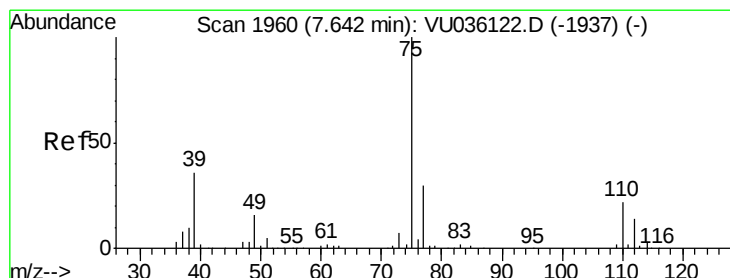
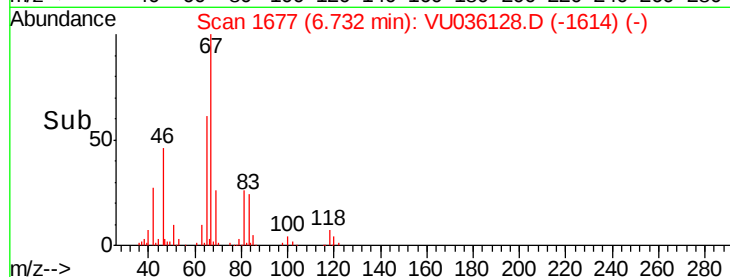
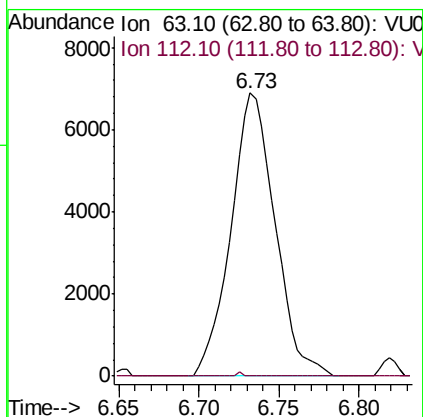
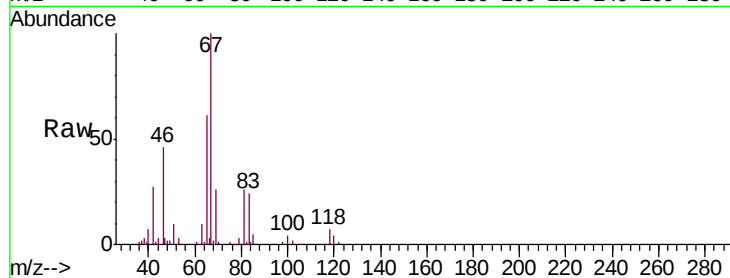




#37
 1,2-Dichloropropane
 Concen: 0.571 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036128.D
 Acq: 11 Dec 2019 13:07

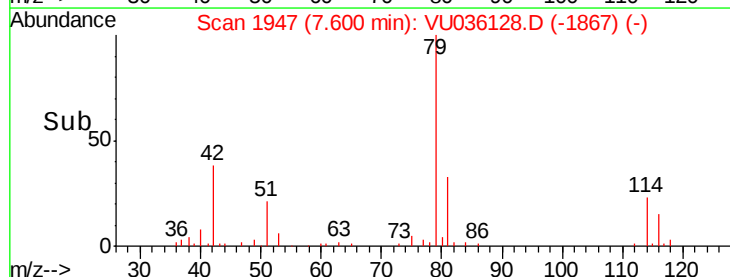
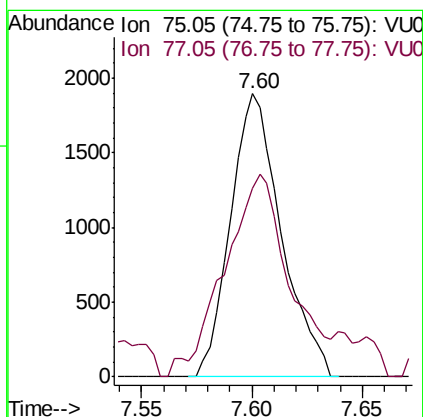
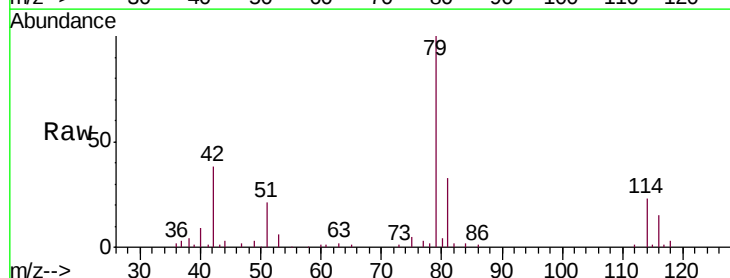
Instrument :
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 ClientSampleId :
 VHBLK01

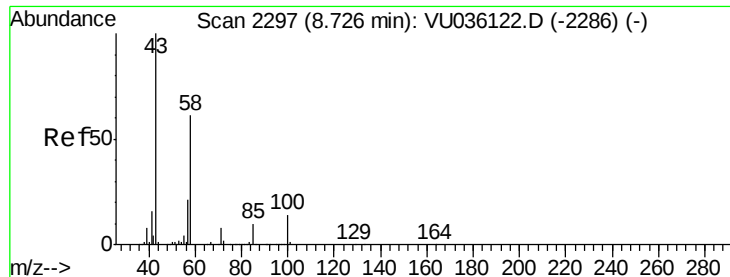
Tgt Ion: 63 Resp: 12965
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036128.D
 Acq: 11 Dec 2019 13:07

Tgt Ion: 75 Resp: 3027
 Ion Ratio Lower Upper
 75 100
 77 66.7 21.7 40.3#

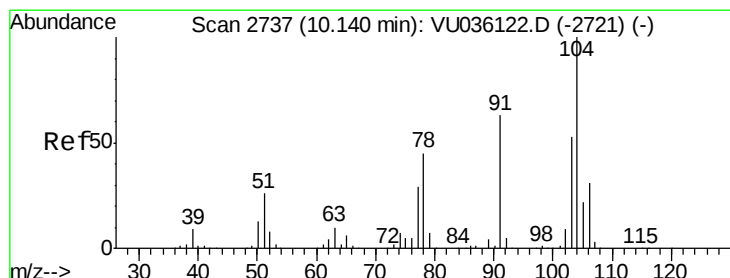
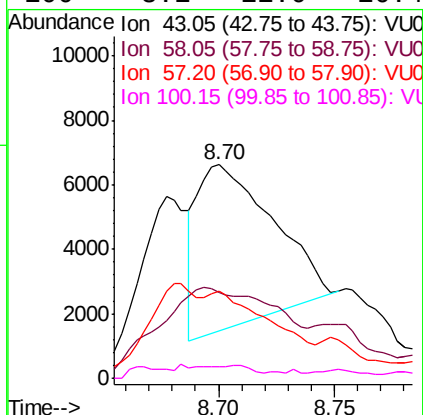
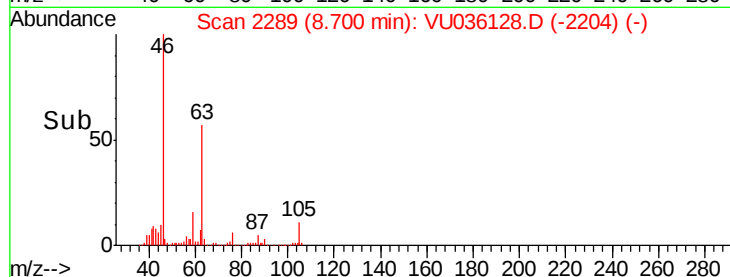
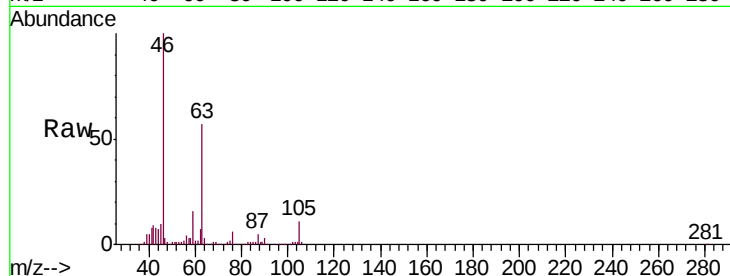




#48
2-Hexanone
Concen: 1.354 ug/L
RT: 8.70 min Scan# 2289
Delta R.T. -0.03 min
Lab File: VU036128.D
Acq: 11 Dec 2019 13:07

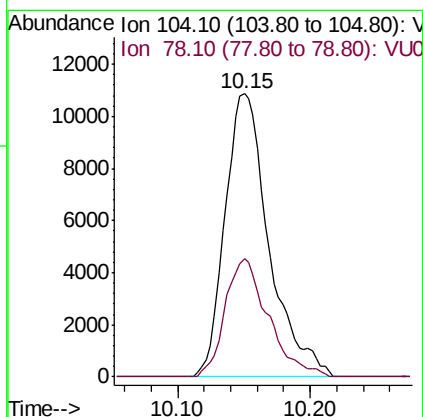
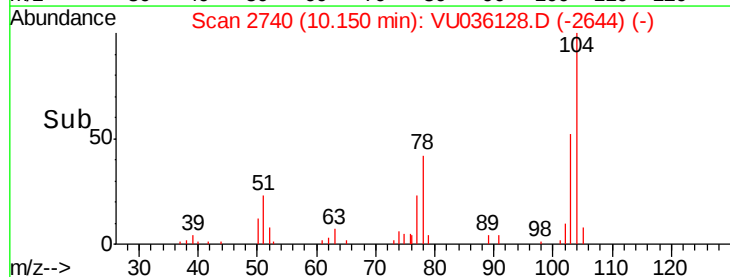
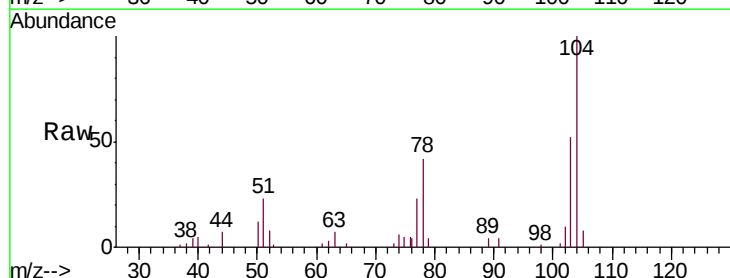
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

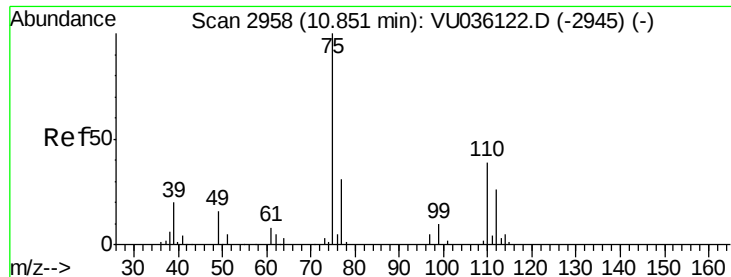
Tgt Ion: 43 Resp: 11525
Ion Ratio Lower Upper
43 100
58 90.1 46.9 70.3#
57 0.0 16.4 24.6#
100 3.1 11.0 16.4#



#55
Styrene
Concen: 0.383 ug/L
RT: 10.15 min Scan# 2740
Delta R.T. 0.01 min
Lab File: VU036128.D
Acq: 11 Dec 2019 13:07

Tgt Ion: 104 Resp: 25018
Ion Ratio Lower Upper
104 100
78 41.7 30.5 56.7





#59

1,2,3-Trichloropropane

Concen: 0.573 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU036128.D

Acq: 11 Dec 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

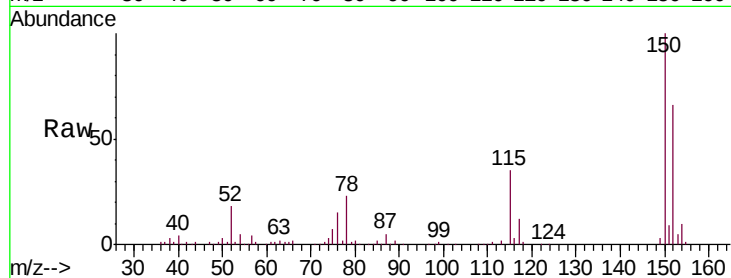
VHBLK01

Tgt Ion: 75 Resp: 9299

Ion Ratio Lower Upper

75 100

77 37.8 26.7 40.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

