

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122019\
 Data File : VU036307.D
 Acq On : 20 Dec 2019 10:30
 Operator : JC/MD
 Sample : VU1220WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK06

Quant Time: Dec 20 22:22:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 22:20:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	215526	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	241884	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	98203	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100512	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	1.93	69	90201	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.59	63	104118	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	4.70	46	188311	52.96	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.92%
24) Chloroform-d	5.11	84	159659	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.75	65	83540	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.77	84	281530	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.73	67	89688	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.93	98	222189	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	8.21	79	33225	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.68	63	143238	47.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.04%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	82315	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	91644	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

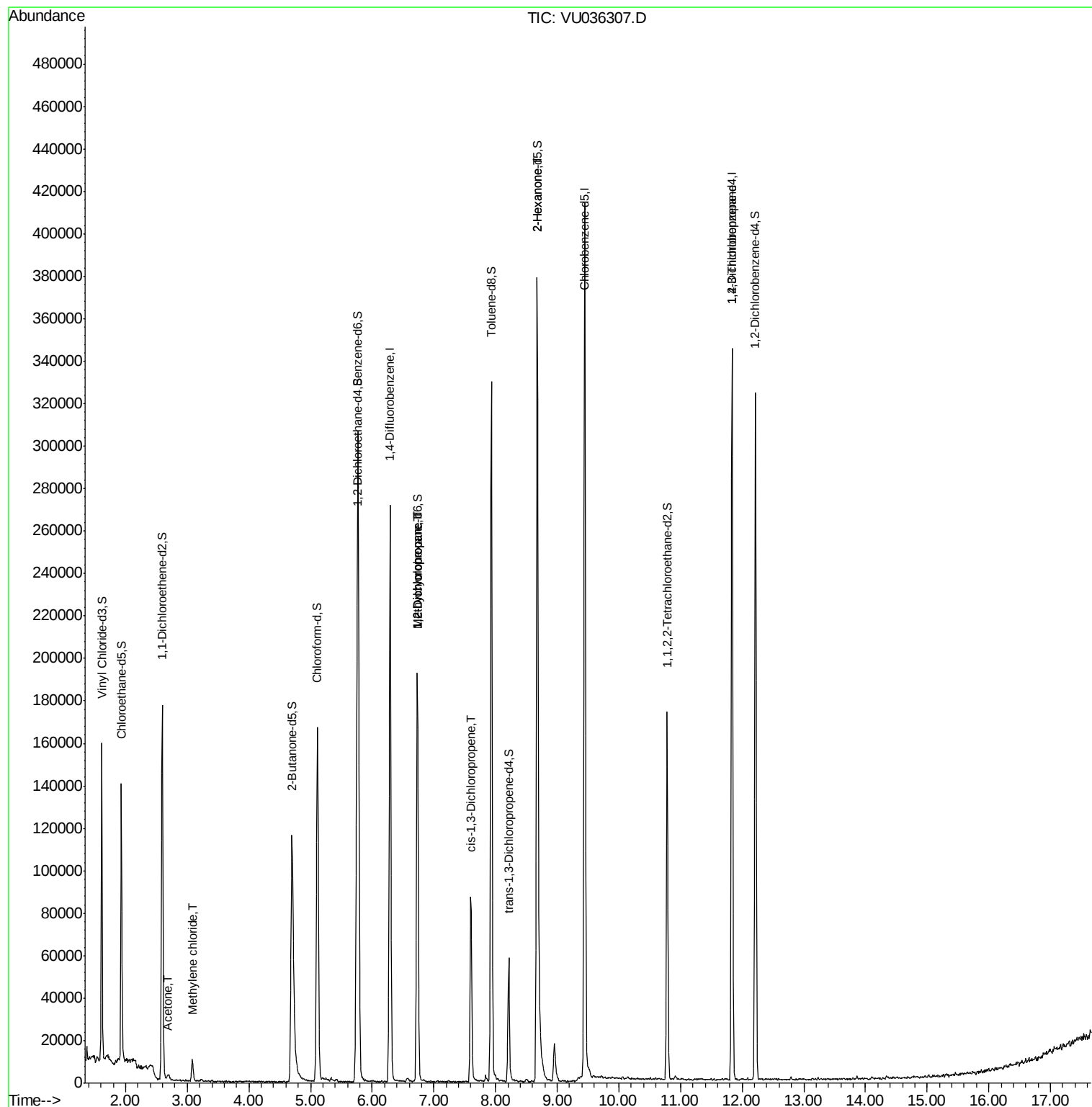
					Ovalue
13) Acetone	2.69	43	4767	1.538	ug/L 75
16) Methylene chloride	3.09	84	4782	0.203	ug/L 95
35) Methylcyclohexane	6.73	83	21385	0.785	ug/L # 19
37) 1,2-Dichloropropane	6.73	63	10451	0.551	ug/L # 87
39) cis-1,3-Dichloropropene	7.60	75	2302	0.089	ug/L 90
48) 2-Hexanone	8.67	43	19571	2.644	ug/L # 66
59) 1,2,3-Trichloropropane	11.83	75	10428	0.827	ug/L 90

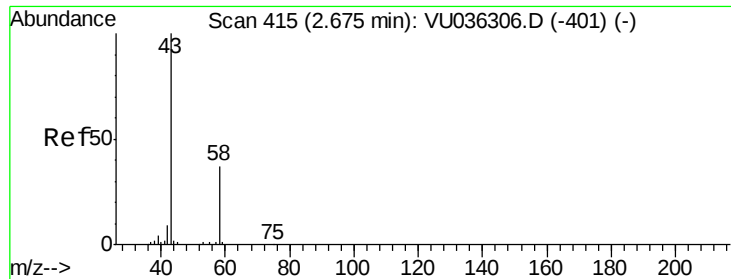
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.538 ug/L

RT: 2.69 min Scan# 420

Delta R.T. 0.02 min

Lab File: VU036307.D

Acq: 20 Dec 2019 10:30

Instrument :

MSVOA_U

ClientSampleId :

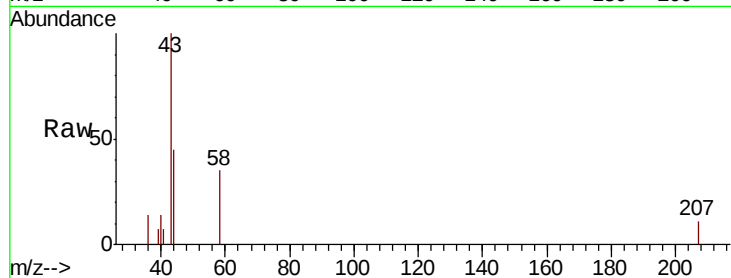
VBLK06

Tot Ion: 43 Resp: 4767

Ion Ratio Lower Upper

43 100

58 19.4 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036307.D (-420) (-)

Ion 58.05 (57.75 to 58.75): VU036307.D (-420) (-)

2.69

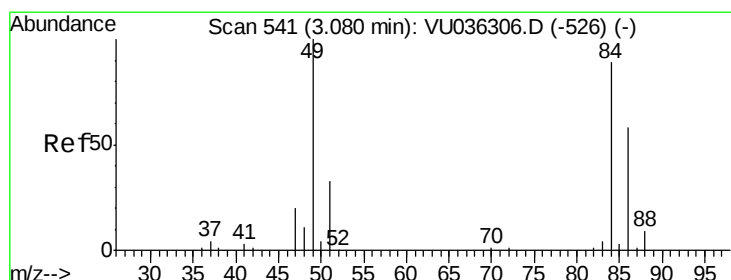
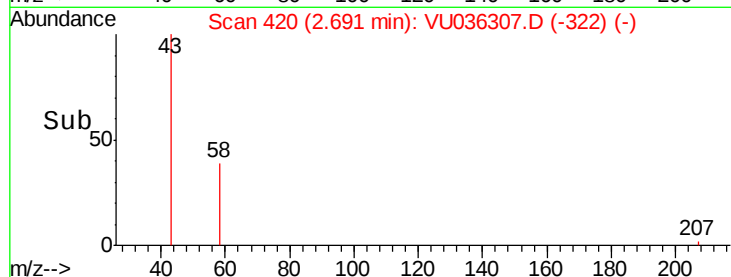
1500

1000

500

0

Time--> 2.60 2.65 2.70 2.75



#16

Methylene chloride

Concen: 0.203 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.01 min

Lab File: VU036307.D

Acq: 20 Dec 2019 10:30

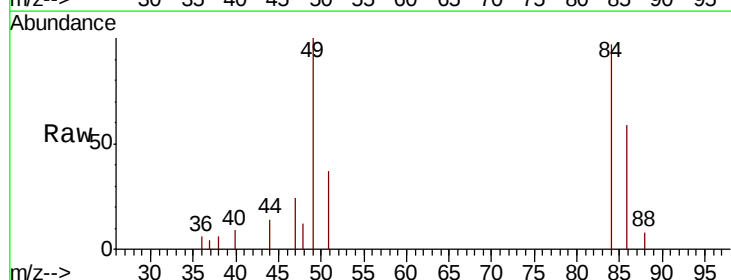
Tgt Ion: 84 Resp: 4782

Ion Ratio Lower Upper

84 100

86 60.7 43.0 79.8

49 103.4 77.3 143.5



Abundance Ion 84.05 (83.75 to 84.75): VU036307.D (-543) (-)

Ion 86.00 (85.70 to 86.70): VU036307.D (-543) (-)

Ion 49.10 (48.80 to 49.80): VU036307.D (-543) (-)

3.09

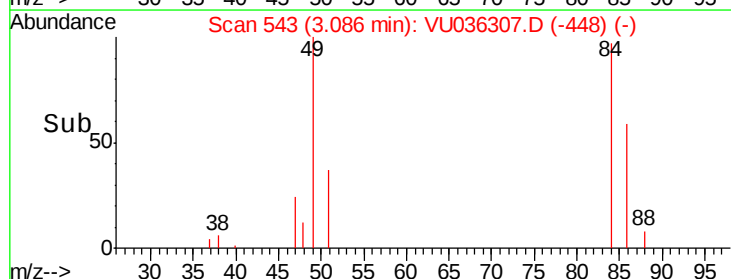
3000

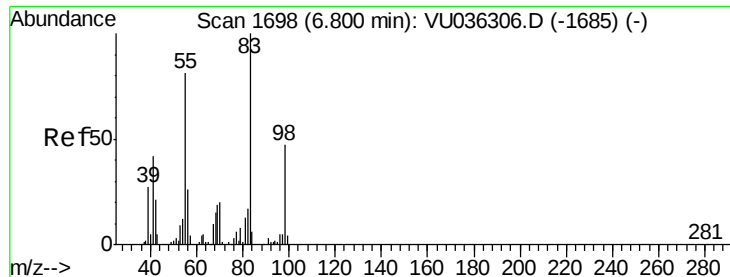
2000

1000

0

Time--> 3.05 3.10 3.15

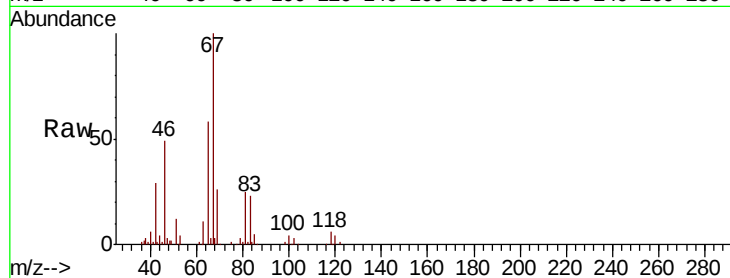




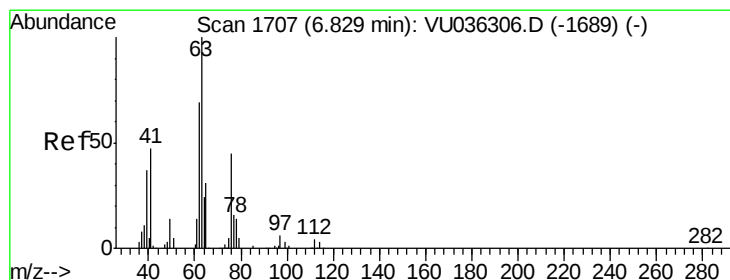
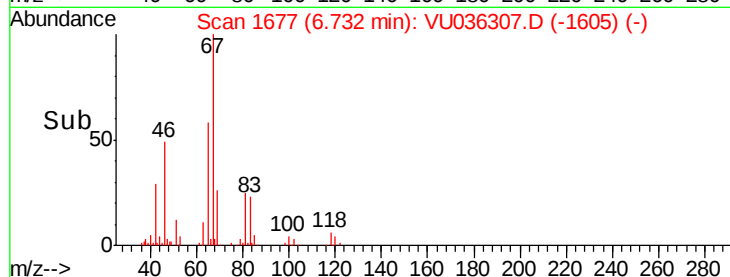
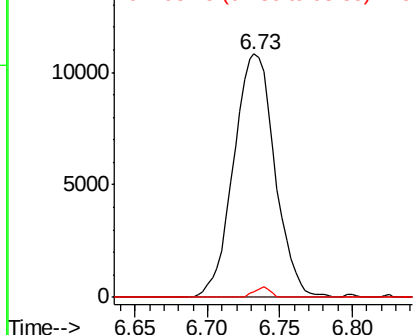
#35
Methvlcvclohexane
Concen: 0.785 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036307.D
Acq: 20 Dec 2019 10:30

Instrument :
MSVOA_U
ClientSampleId :
VBLK06

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.7	36.2	54.2#

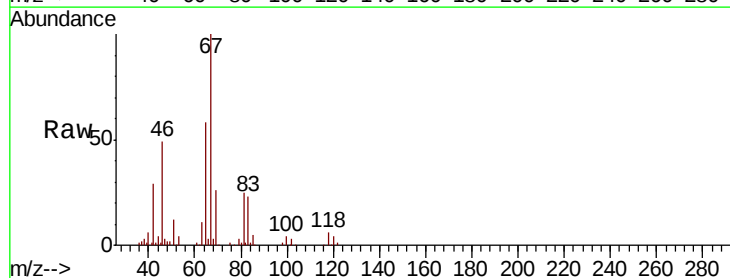


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

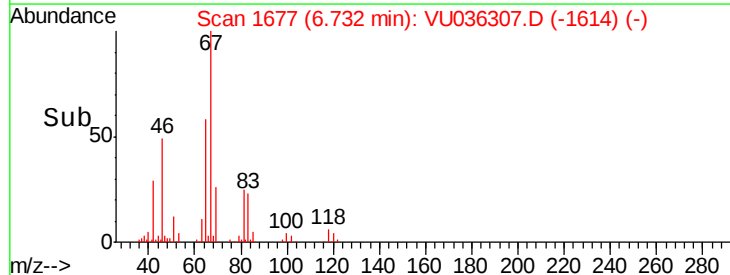
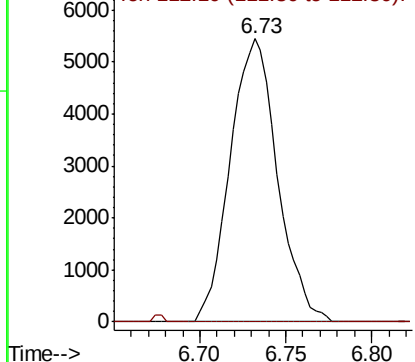


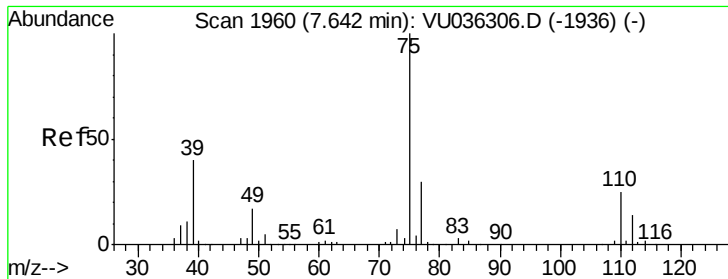
#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036307.D
Acq: 20 Dec 2019 10:30

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.8	5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

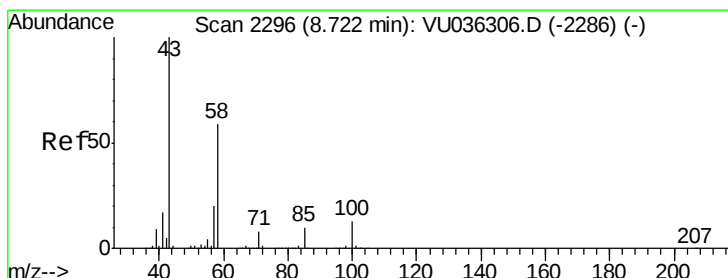
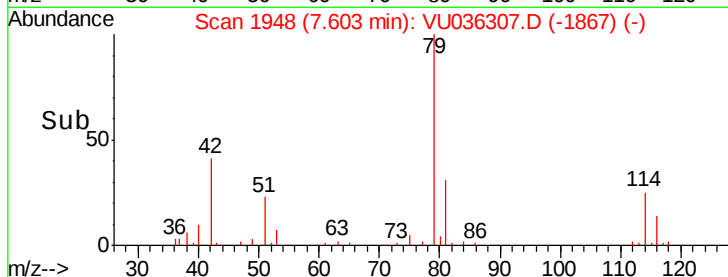
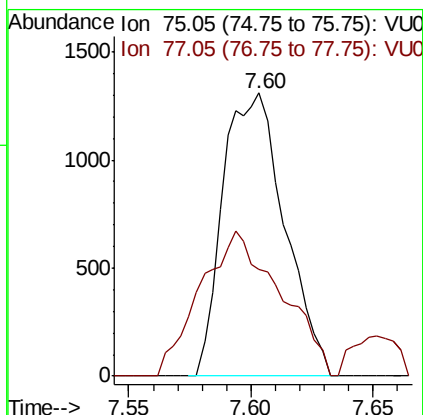
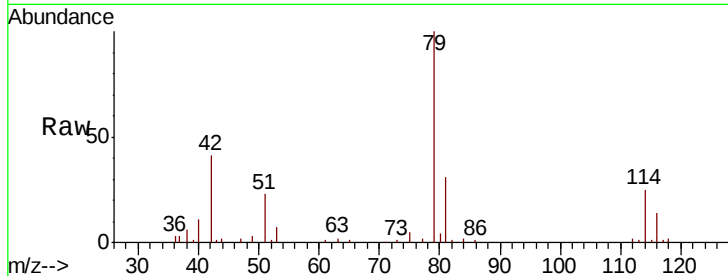




#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036307.D
 Acq: 20 Dec 2019 10:30

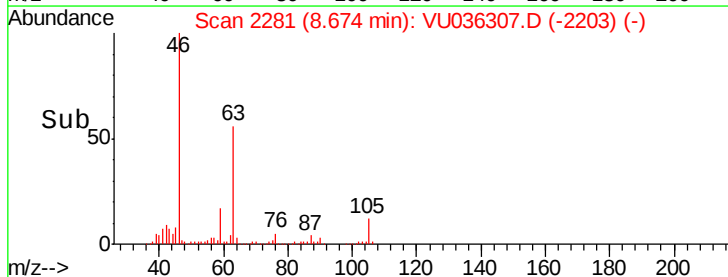
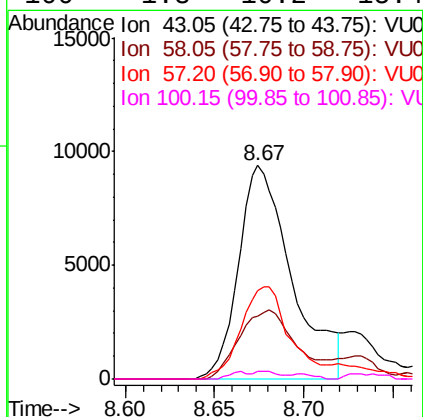
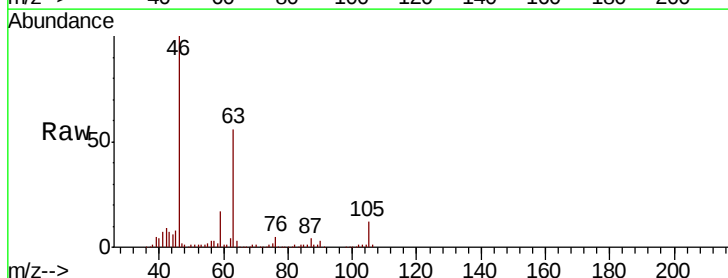
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK06

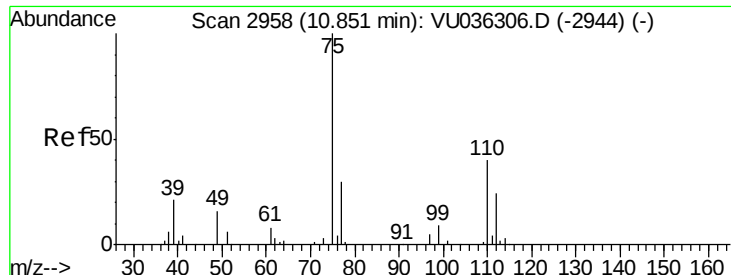
Tot Ion: 75 Resp: 2302
 Ion Ratio Lower Upper
 75 100
 77 37.8 22.7 42.1



#48
 2-Hexanone
 Concen: 2.644 ug/L
 RT: 8.67 min Scan# 2281
 Delta R.T. -0.05 min
 Lab File: VU036307.D
 Acq: 20 Dec 2019 10:30

Tgt Ion: 43 Resp: 19571
 Ion Ratio Lower Upper
 43 100
 58 33.4 46.2 69.2#
 57 39.5 16.2 24.4#
 100 1.8 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 0.827 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036307.D

Acq: 20 Dec 2019 10:30

Instrument :

MSVOA_U

ClientSampleId :

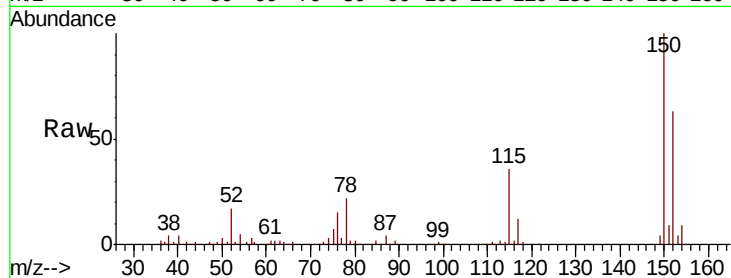
VBLK06

Tot Ion: 75 Resp: 10428

Ion Ratio Lower Upper

75 100

77 39.7 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

