

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121319\
 Data File : VU036205.D
 Acq On : 13 Dec 2019 18:51
 Operator : JC/MD
 Sample : K6105-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Dec 14 01:22:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 14 01:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	243350	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	270489	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	99642	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	102667	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.93	69	97699	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.59	63	109251	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.68	46	228368	56.88	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.76%
24) Chloroform-d	5.11	84	174759	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.75	65	97592	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.77	84	325470	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.73	67	107859	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.93	98	265255	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	8.21	79	42453	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.68	63	179351	53.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.42%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	102986	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	103457	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

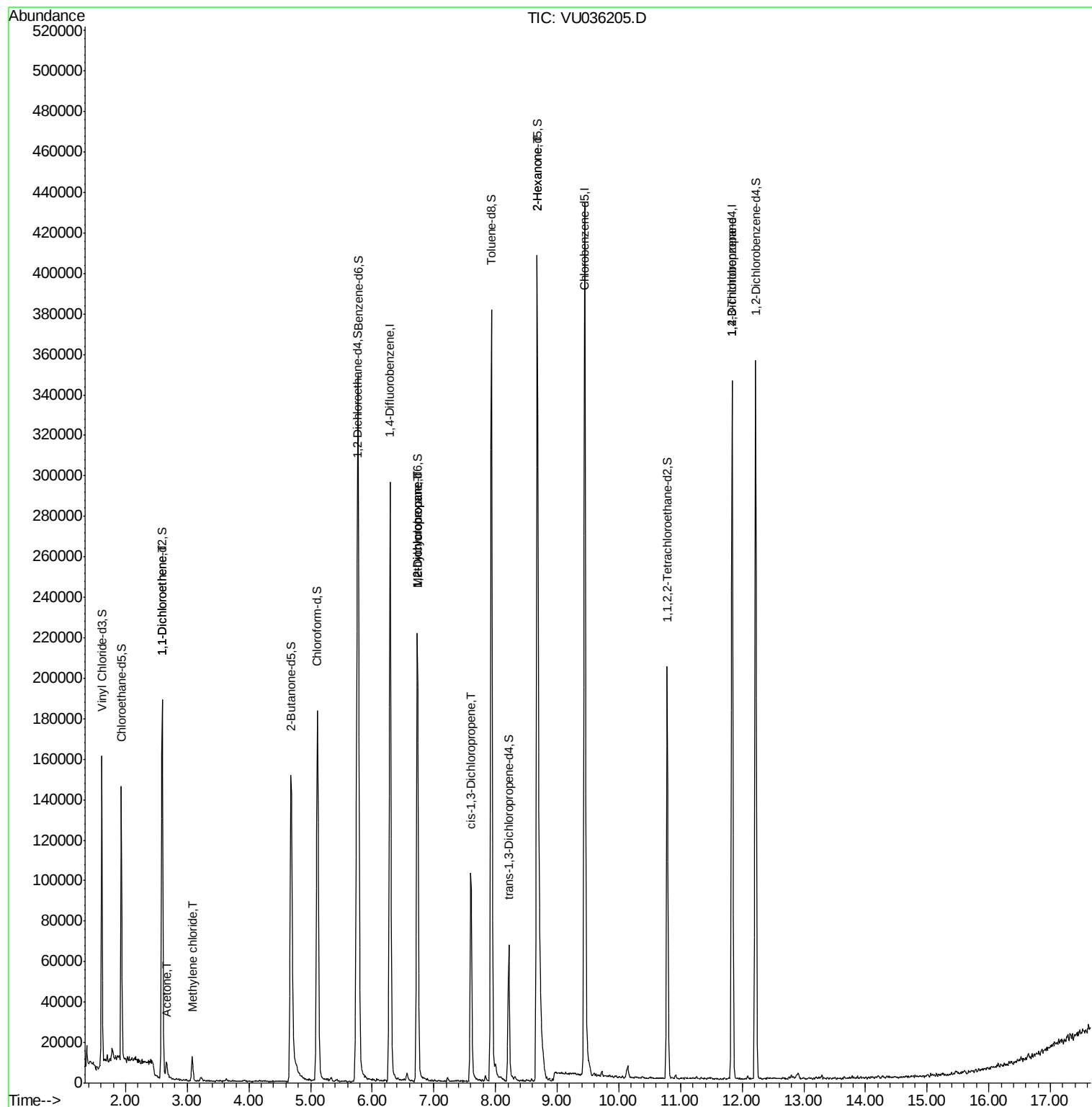
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1288	0.071	ug/L #	1
13) Acetone	2.67	43	9648	2.757	ug/L	99
16) Methylene chloride	3.08	84	5288	0.199	ug/L	87
35) Methylcyclohexane	6.73	83	25147	0.825	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11969	0.564	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2589	0.090	ug/L #	26
48) 2-Hexanone	8.68	43	20598	2.488	ug/L #	77
59) 1,2,3-Trichloropropane	11.84	75	11623	0.825	ug/L	97

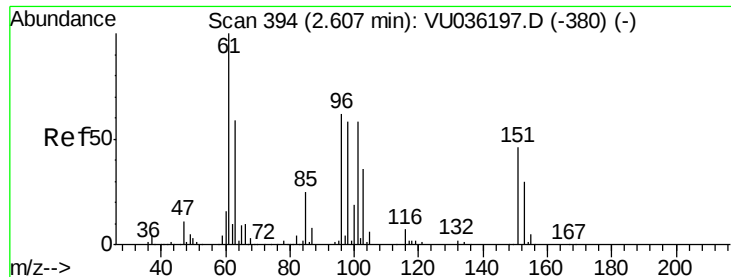
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 14 01:19:01 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU036205.D

Acq: 13 Dec 2019 18:51

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

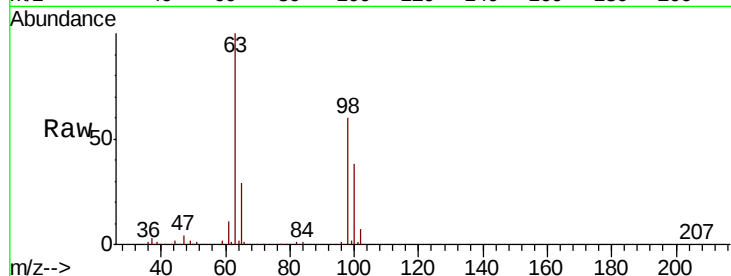
Tot Ion: 96 Resp: 1288

Ion Ratio Lower Upper

96 100

61 1027.6 114.0 211.8#

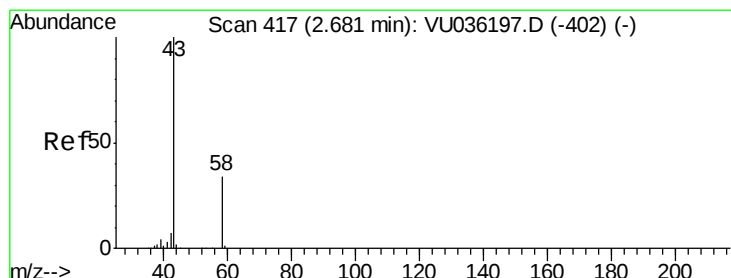
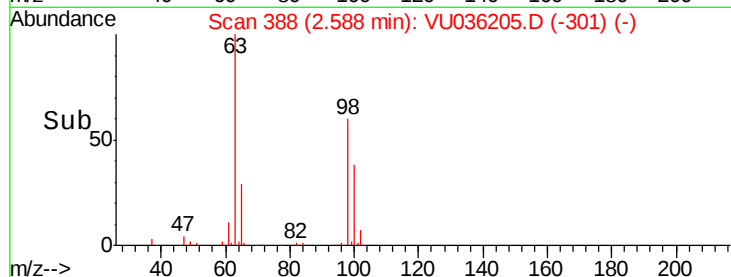
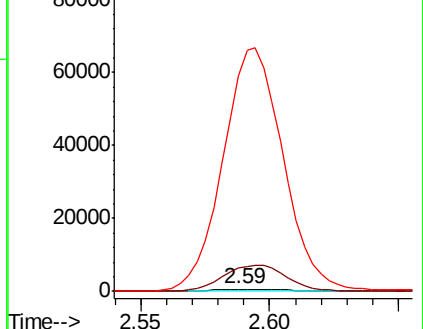
63 9589.6 63.6 118.0#



Abundance Ion 96.00 (95.70 to 96.70): VU036205.D (-380) (-)

Ion 61.05 (60.75 to 61.75): VU036205.D (-380) (-)

Ion 63.00 (62.70 to 63.70): VU036205.D (-380) (-)



#13

Acetone

Concen: 2.757 ug/L

RT: 2.67 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036205.D

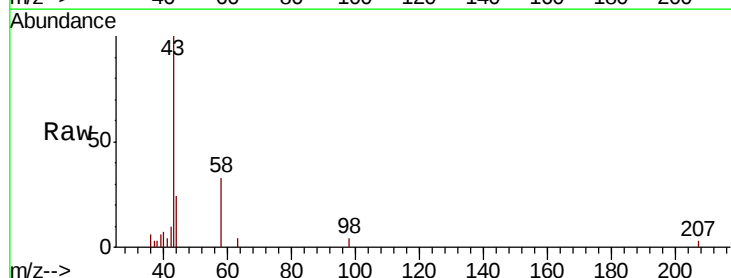
Acq: 13 Dec 2019 18:51

Tgt Ion: 43 Resp: 9648

Ion Ratio Lower Upper

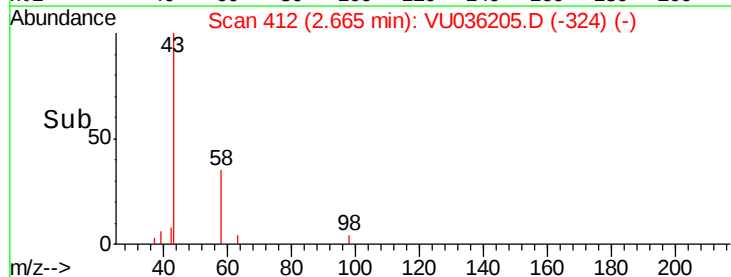
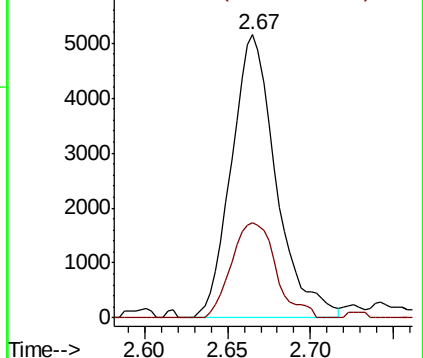
43 100

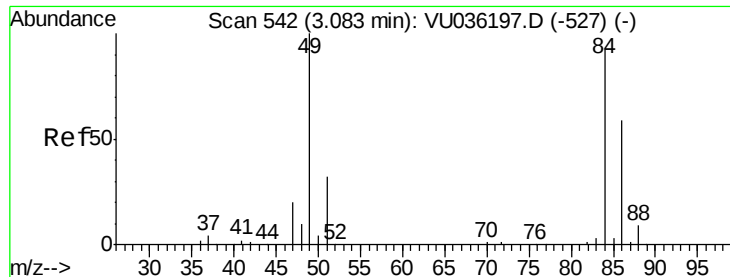
58 33.3 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036205.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU036205.D (-324) (-)

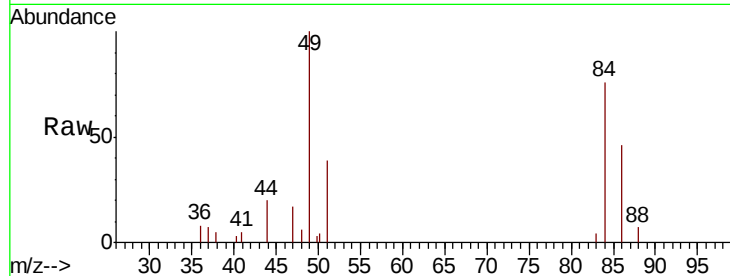




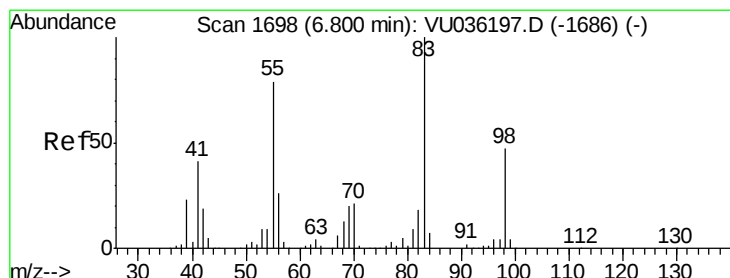
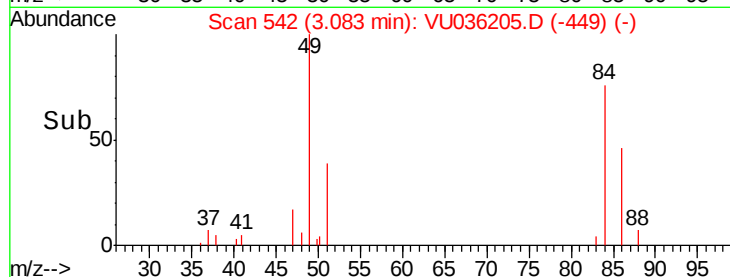
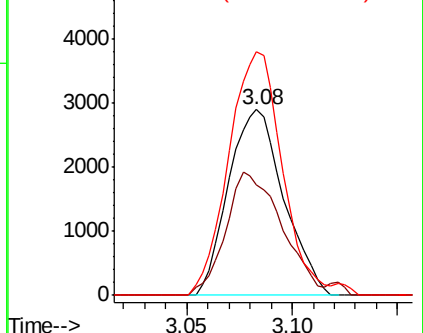
#16
Methvlene chloride
Concen: 0.199 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036205.D
Acq: 13 Dec 2019 18:51

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 84 Resp: 5288
Ion Ratio Lower Upper
84 100
86 59.9 43.0 79.8
49 131.2 77.3 143.5

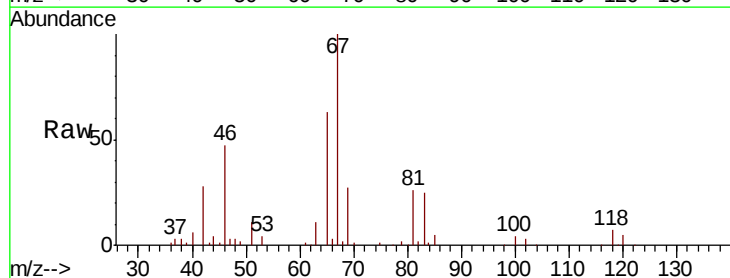


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

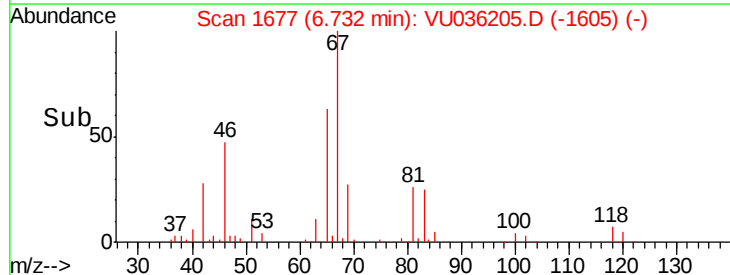
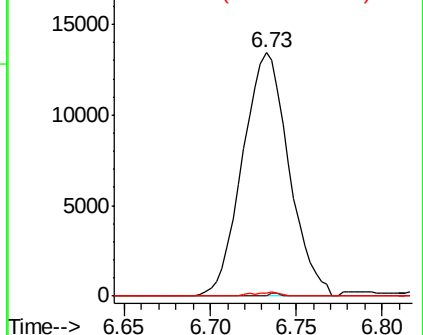


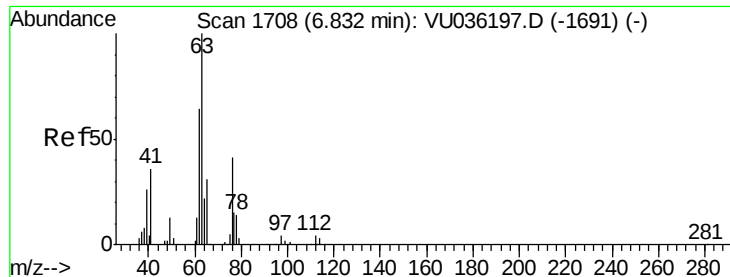
#35
Methylcyclohexane
Concen: 0.825 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036205.D
Acq: 13 Dec 2019 18:51

Tgt Ion: 83 Resp: 25147
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 1.0 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: 0.564 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.10 min

Lab File: VU036205.D

Acq: 13 Dec 2019 18:51

Instrument :

MSVOA_U

ClientSampleId :

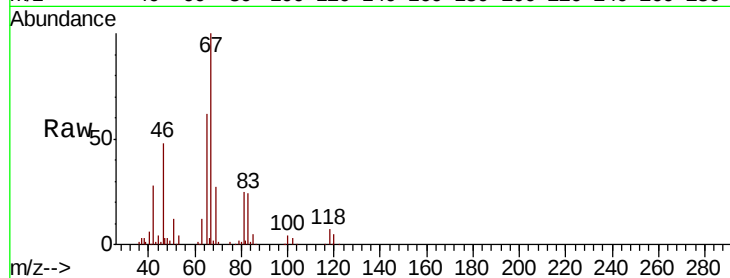
VHBLK01

Tot Ion: 63 Resp: 11969

Ion Ratio Lower Upper

63 100

112 0.2 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU036197.D (-1691) (-)

Ion 112.10 (111.80 to 112.80): VU036197.D (-1691) (-)

6.73

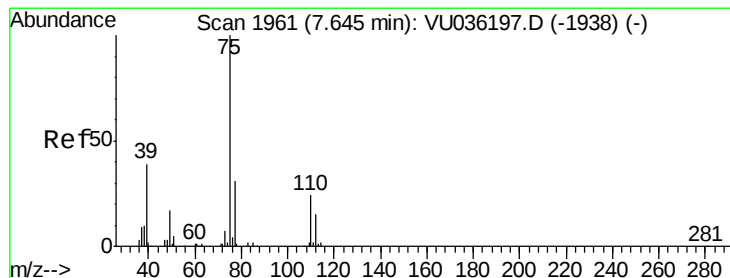
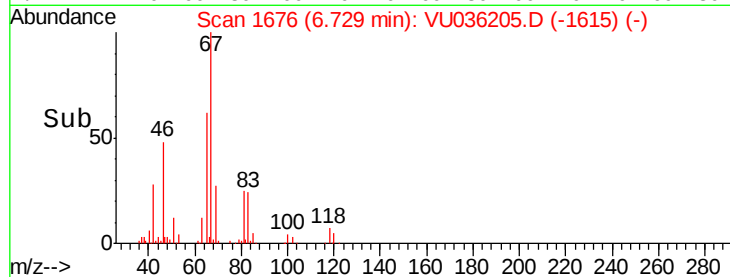
6000

4000

2000

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU036205.D

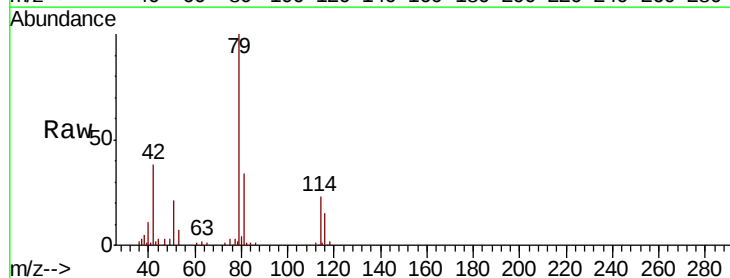
Acq: 13 Dec 2019 18:51

Tgt Ion: 75 Resp: 2589

Ion Ratio Lower Upper

75 100

77 74.0 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU036197.D (-1938) (-)

Ion 77.05 (76.75 to 77.75): VU036197.D (-1938) (-)

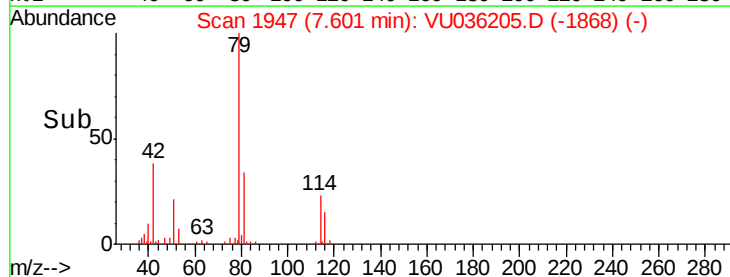
7.60

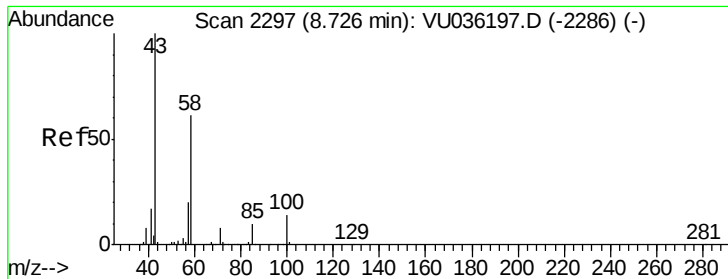
1000

500

0

Time-->

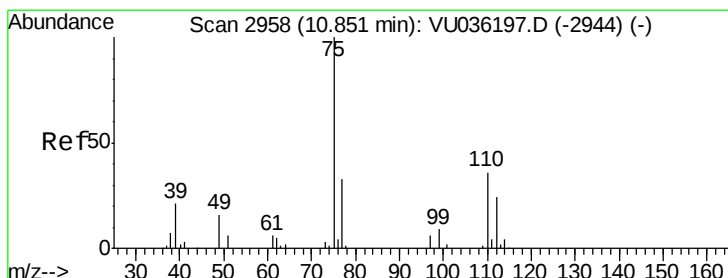
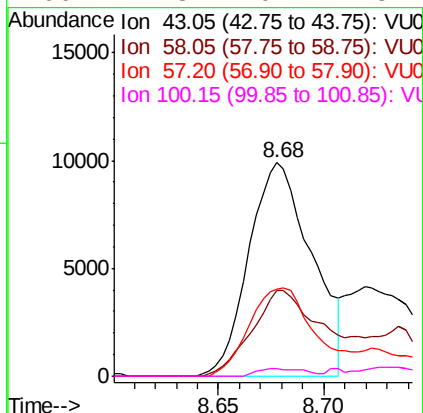
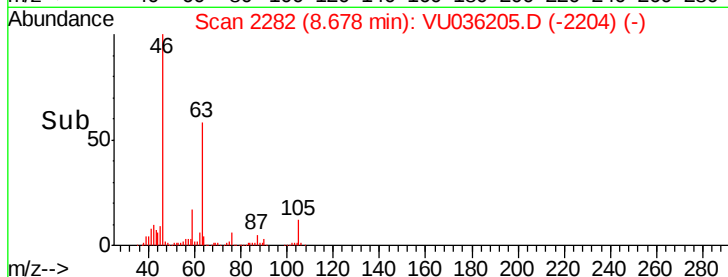
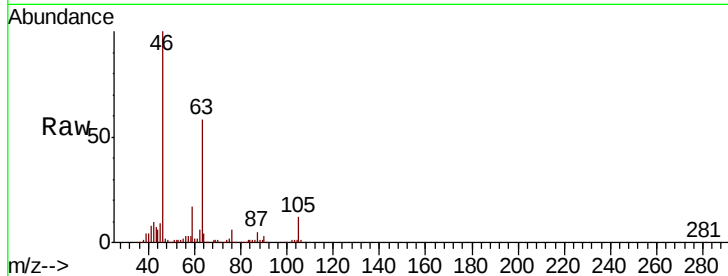




#48
2-Hexanone
Concen: 2.488 ug/L
RT: 8.68 min Scan# 2282
Delta R.T. -0.05 min
Lab File: VU036205.D
Acq: 13 Dec 2019 18:51

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion:	43	Resp:	20598
Ion	Ratio	Lower	Upper
43	100		
58	48.6	46.2	69.2
57	44.2	16.2	24.4#
100	2.8	10.2	15.4#



#59
1,2,3-Trichloropropane
Concen: 0.825 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.99 min
Lab File: VU036205.D
Acq: 13 Dec 2019 18:51

Tgt Ion:	75	Resp:	11623
Ion	Ratio	Lower	Upper
75	100		
77	35.7	27.2	40.8

