

Data File : VU035215.D
Acq On : 17 Oct 2019 17:10
Operator : JC/SP
Sample : K5318-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CH6

Quant Time: Oct 18 03:49:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 03:45:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	374547	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	358135	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	132539	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	121066	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	1.94	69	107454	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.60	63	170183	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	4.71	46	293937	44.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.58%
24) Chloroform-d	5.12	84	211653	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.75	65	117560	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.77	84	441358	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.74	67	139339	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.93	98	419070	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
43) trans-1,3-Dichloropropene-	8.22	79	63963	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.70	63	251710	45.23	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.46%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	110722	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.23	152	126340	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

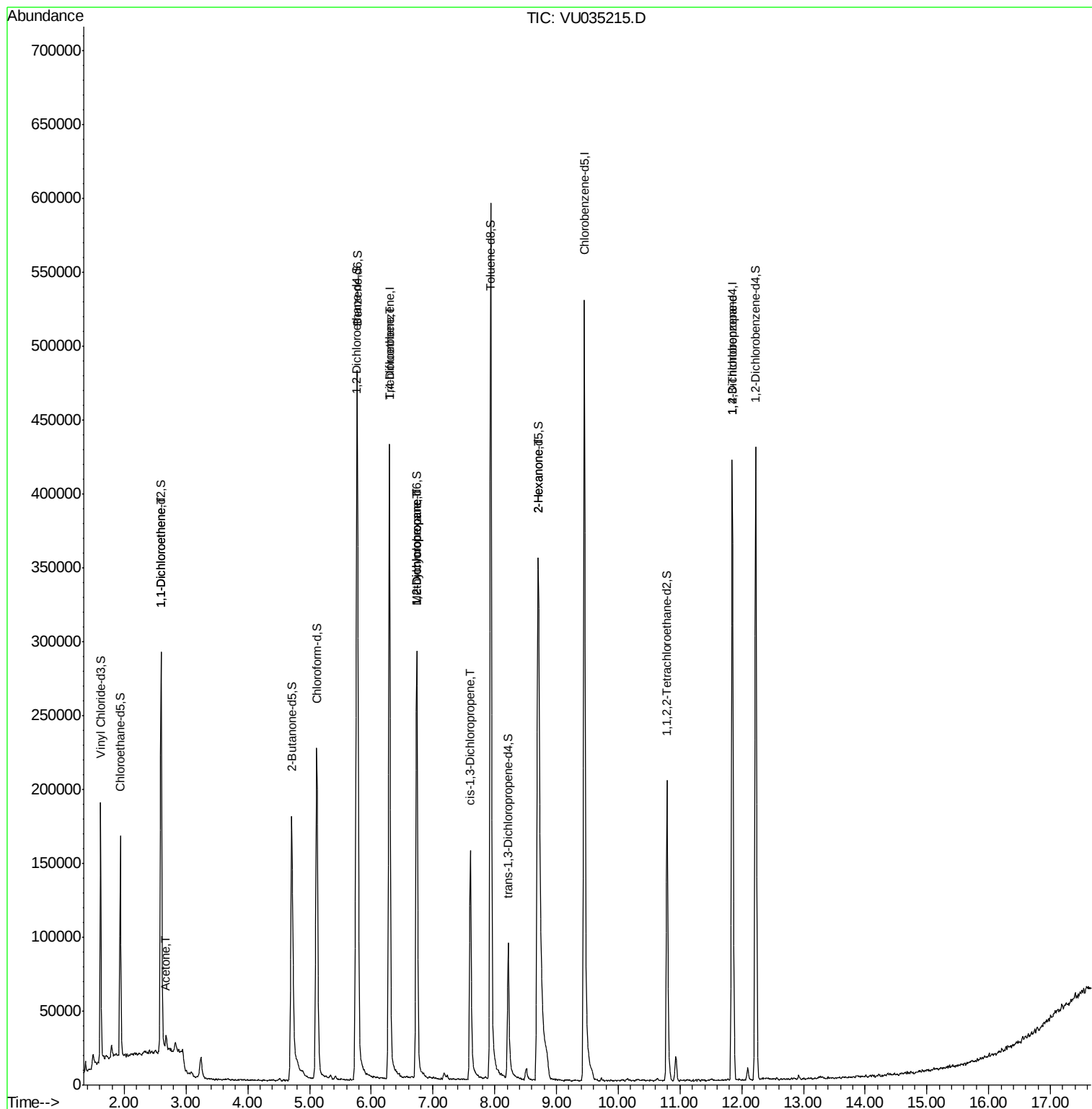
					Qvalue	
12) 1,1-Dichloroethene	2.59	96	1505	0.063	ug/L #	1
13) Acetone	2.68	43	11252	2.465	ug/L	89
34) Trichloroethene	6.30	95	6205	0.219	ug/L #	3
35) Methylcyclohexane	6.74	83	32228	0.681	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	15830	0.592	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	4344	0.097	ug/L #	9
48) 2-Hexanone	8.71	43	28002	2.211	ug/L #	64
59) 1,2,3-Trichloropropane	11.85	75	16177	0.868	ug/L	94

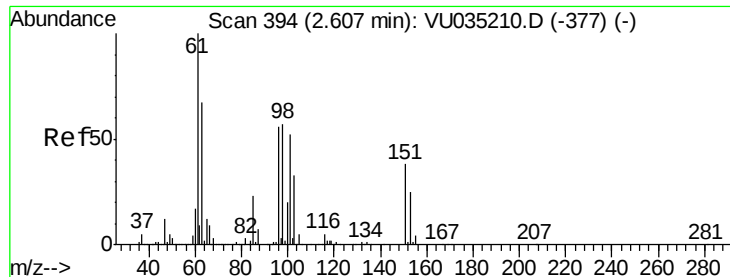
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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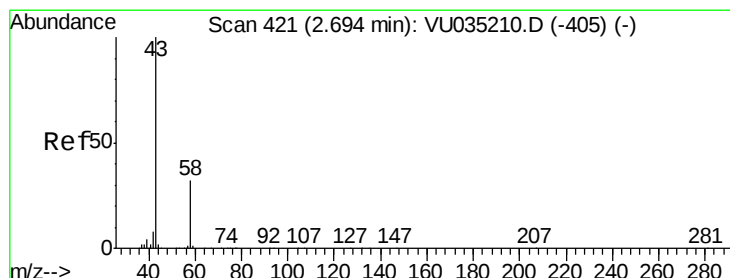
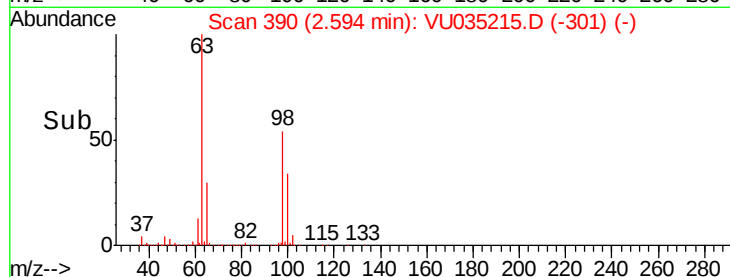
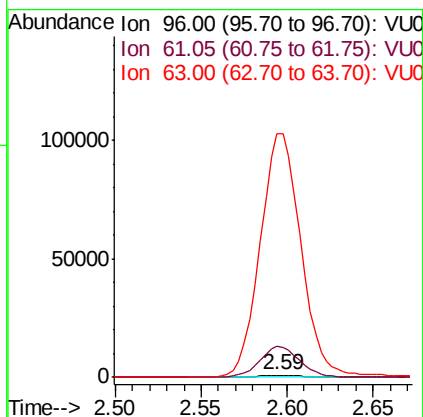
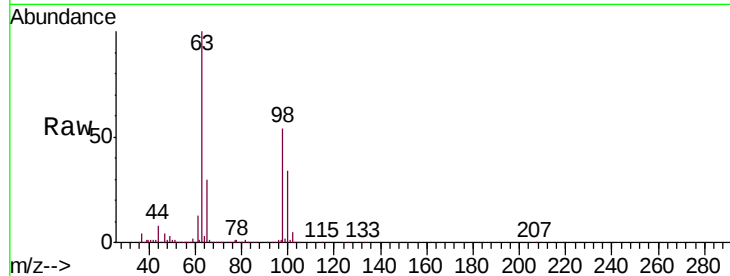




#12
 1,1-Dichloroethene
 Concen: 0.063 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU035215.D
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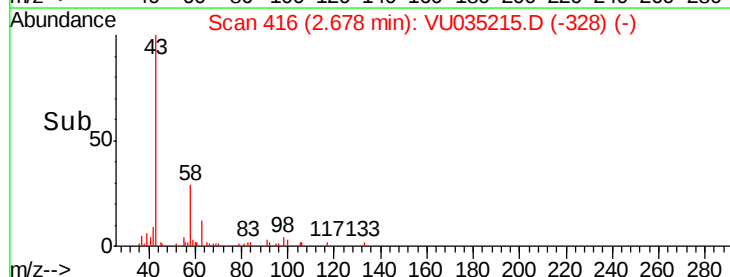
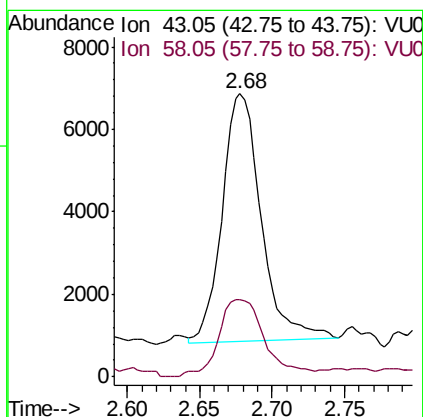
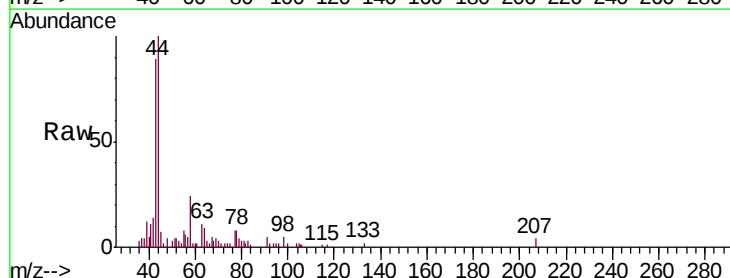
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CH6

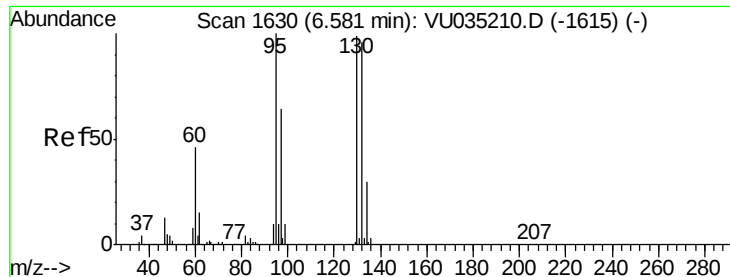
Tgt Ion: 96 Resp: 1505
 Ion Ratio Lower Upper
 96 100
 61 1385.8 120.6 224.0#
 63 10823.6 86.8 161.2#



#13
 Acetone
 Concen: 2.465 ug/L
 RT: 2.68 min Scan# 416
 Delta R.T. -0.02 min
 Lab File: VU035215.D
 Acq: 17 Oct 2019 17:10

Tgt Ion: 43 Resp: 11252
 Ion Ratio Lower Upper
 43 100
 58 37.2 0.0 61.8

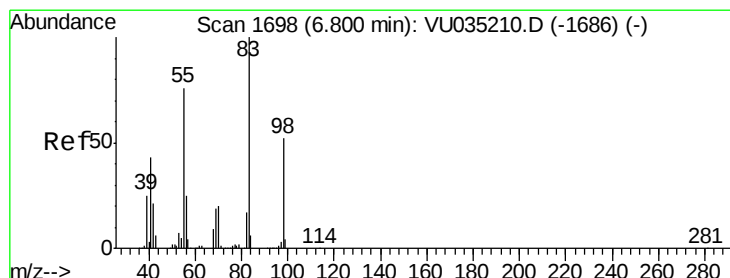
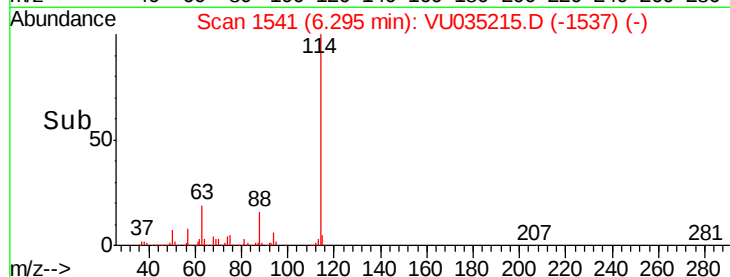
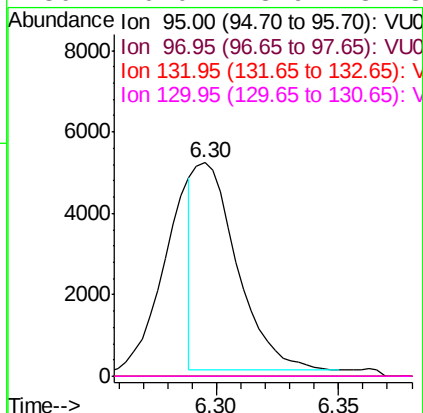
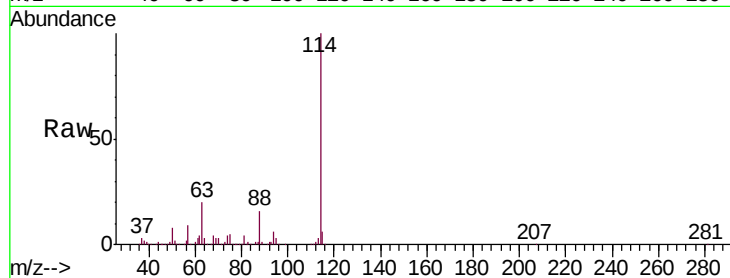




#34
 Trichloroethene
 Concen: 0.219 ug/L
 RT: 6.30 min Scan# 1541
 Delta R.T. -0.29 min
 Lab File: VU035215.D
 Acq: 17 Oct 2019 17:10

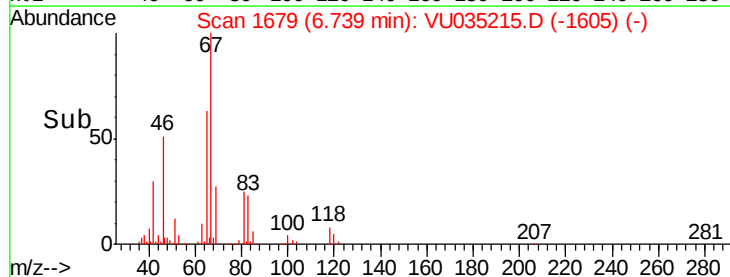
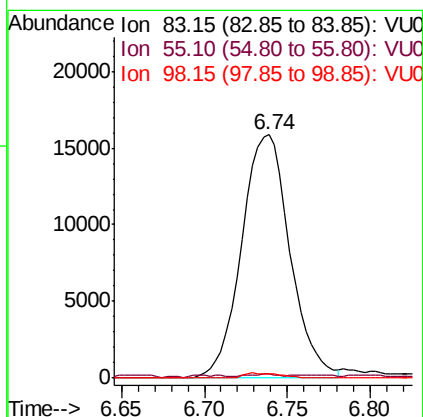
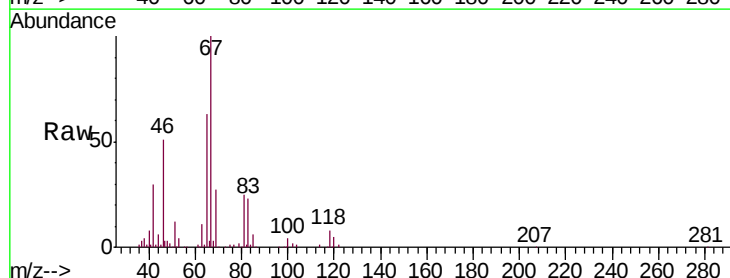
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CH6

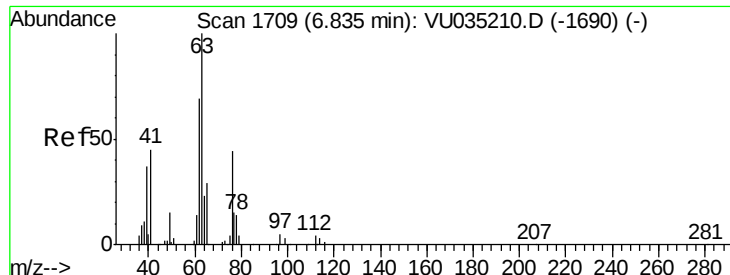
Tgt Ion:	95	Resp:	6205
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.6	86.6#
132	0.0	68.7	127.7#
130	0.0	73.9	137.3#



#35
 Methylcyclohexane
 Concen: 0.681 ug/L
 RT: 6.74 min Scan# 1679
 Delta R.T. -0.06 min
 Lab File: VU035215.D
 Acq: 17 Oct 2019 17:10

Tgt Ion:	83	Resp:	32228
Ion	Ratio	Lower	Upper
83	100		
55	0.4	60.4	90.6#
98	1.5	39.5	59.3#





#37

1,2-Dichloropropane

Concen: 0.592 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035215.D

Acq: 17 Oct 2019 17:10

Instrument :

MSVOA_U

ClientSampleId :

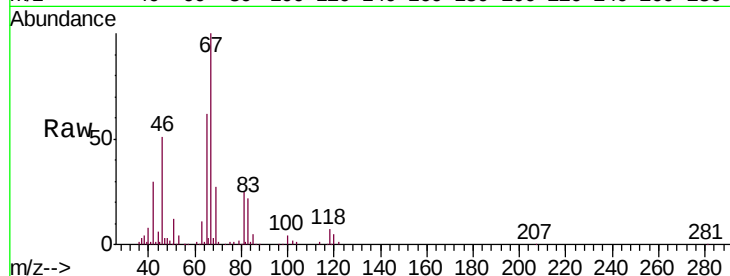
C0CH6

Tgt Ion: 63 Resp: 15830

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU035215.D (-1678) (-)

Ion 112.10 (111.80 to 112.80): VU035215.D (-1678) (-)

6.74

8000

6000

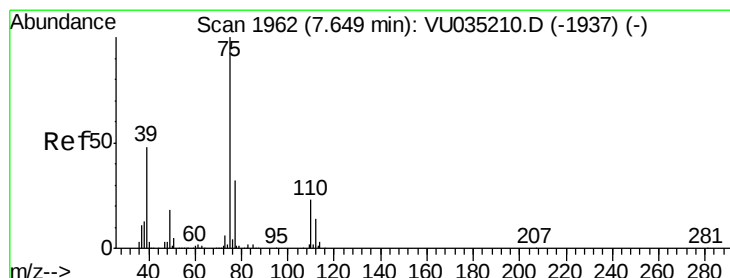
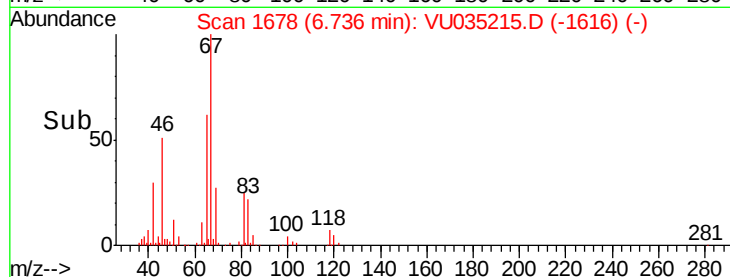
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035215.D

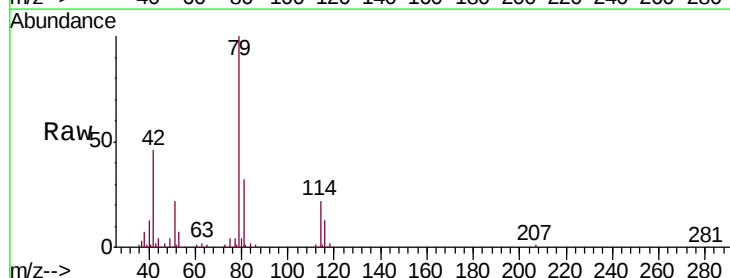
Acq: 17 Oct 2019 17:10

Tgt Ion: 75 Resp: 4344

Ion Ratio Lower Upper

75 100

77 83.7 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035215.D (-1948) (-)

Ion 77.05 (76.75 to 77.75): VU035215.D (-1948) (-)

7.60

2500

2000

1500

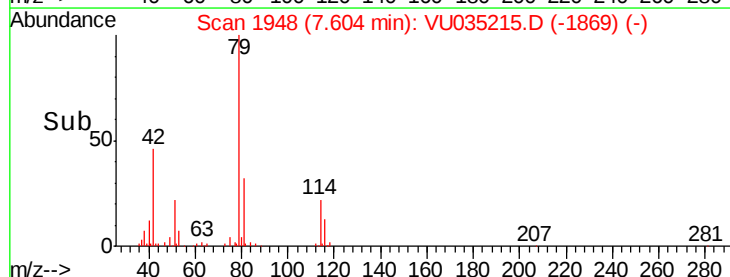
1000

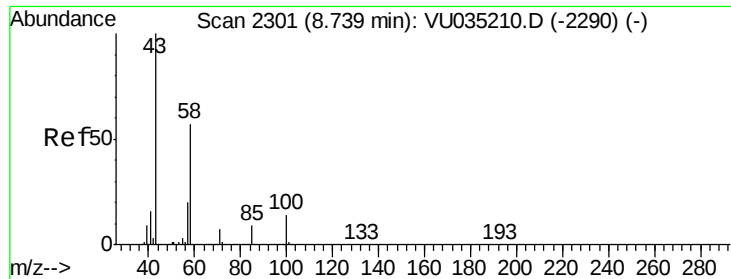
500

0

7.55 7.60 7.65

Time-->

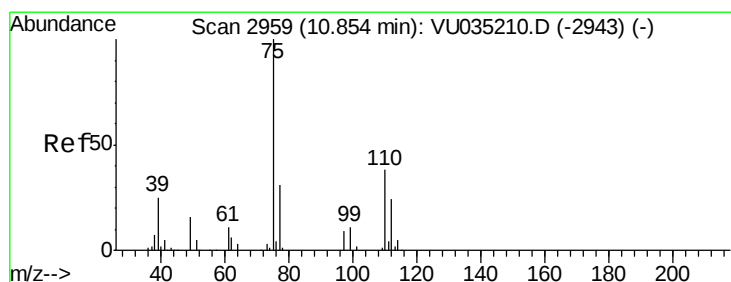
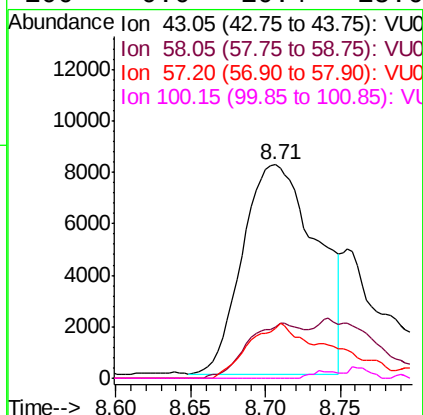
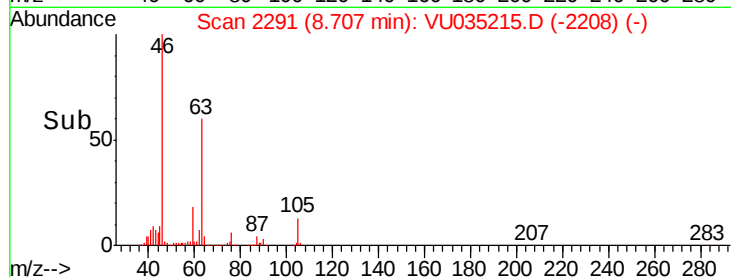
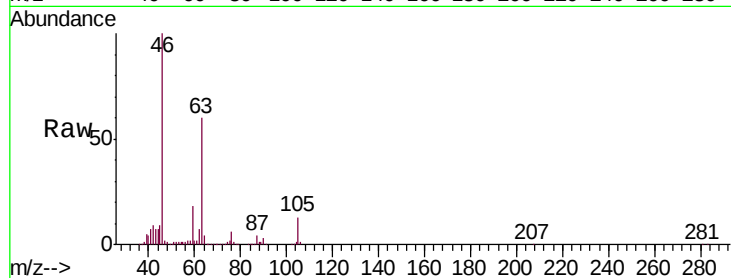




#48
2-Hexanone
Concen: 2.211 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.03 min
Lab File: VU035215.D
Acq: 17 Oct 2019 17:10

Instrument :
MSVOA_U
ClientSampleId :
C0CH6

Tgt Ion: 43 Resp: 28002
Ion Ratio Lower Upper
43 100
58 20.5 45.1 67.7#
57 19.3 16.0 24.0
100 0.0 10.4 15.6#



#59
1,2,3-Trichloropropane
Concen: 0.868 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. 0.99 min
Lab File: VU035215.D
Acq: 17 Oct 2019 17:10

Tgt Ion: 75 Resp: 16177
Ion Ratio Lower Upper
75 100
77 36.2 26.2 39.2

