

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037215.D
 Acq On : 13 Mar 2020 01:44
 Operator : JC/MD
 Sample : L1886-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 08:31:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 08:28:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	387675	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	376727	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	162992	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	134116	44.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.40%
7) Chloroethane-d5	1.93	69	114514	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.68%
11) 1,1-Dichloroethene-d2	2.59	63	193876	35.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.44%
21) 2-Butanone-d5	4.66	46	251130	105.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.76%
24) Chloroform-d	5.11	84	279035	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
26) 1,2-Dichloroethane-d4	5.74	65	212324	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
32) Benzene-d6	5.76	84	510489	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.46%
36) 1,2-Dichloropropane-d6	6.72	67	170331	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.36%
41) Toluene-d8	7.92	98	476611	48.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.16%
43) trans-1,3-Dichloropropene-	8.20	79	86034	46.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.12%
47) 2-Hexanone-d5	8.66	63	176408	100.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.37%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	251016	47.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.48%
64) 1,2-Dichlorobenzene-d4	12.21	152	177116	52.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.78%

Target Compounds

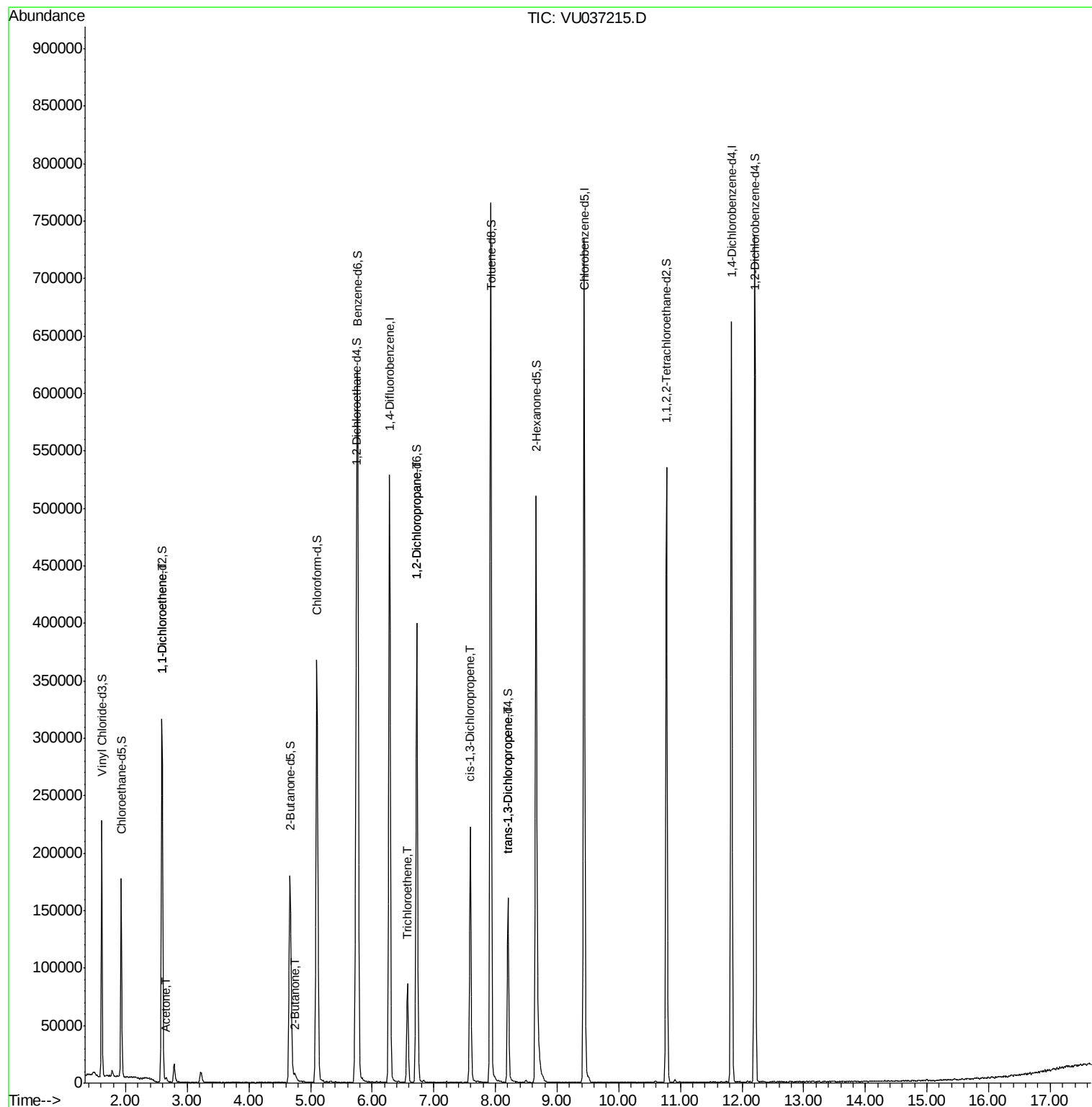
				Ovalue	
12) 1,1-Dichloroethene	2.60	96	2176	0.951 ug/L #	1
13) Acetone	2.66	43	4366	1.938 ug/L	97
22) 2-Butanone	4.76	43	7701	2.703 ug/L #	63
34) Trichloroethene	6.57	95	28145	9.754 ug/L	96
37) 1,2-Dichloropropane	6.72	63	21854	6.924 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	6868	1.403 ug/L #	74
44) trans-1,3-Dichloropropene	8.20	75	4635	1.003 ug/L	85

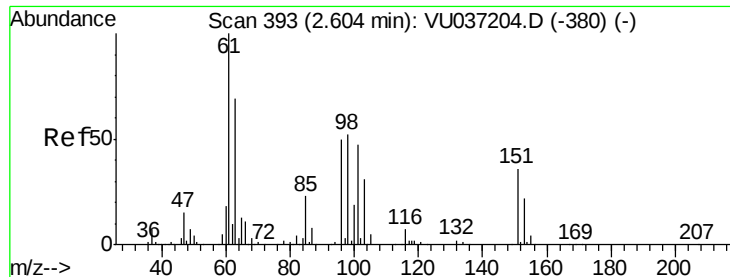
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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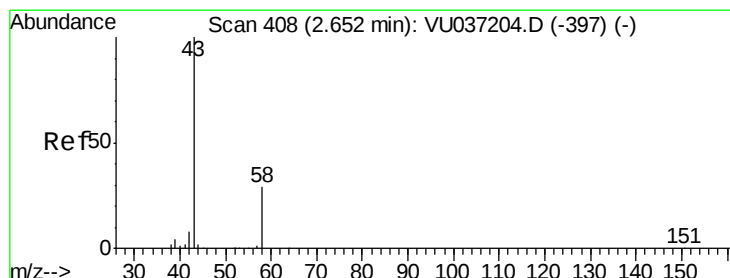
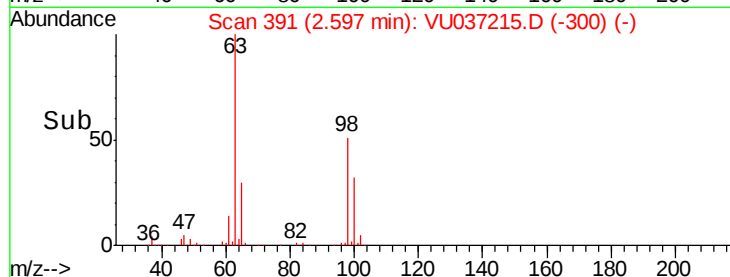
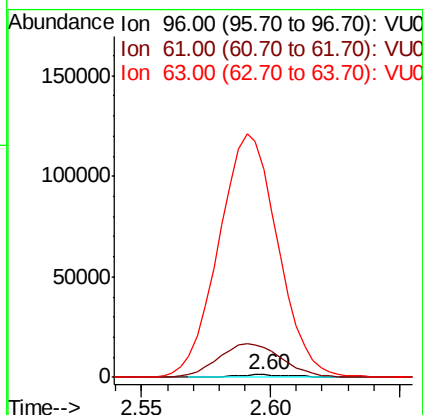
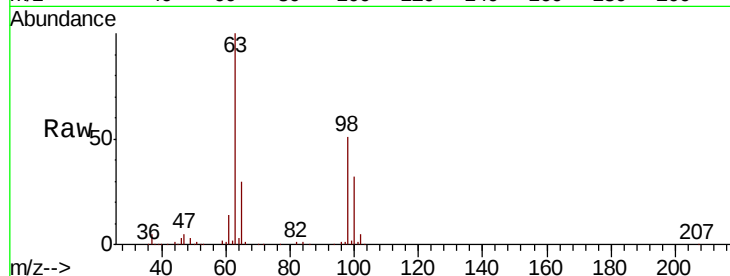




#12
 1,1-Dichloroethene
 Concen: 0.951 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU037215.D
 Acq: 13 Mar 2020 01:44

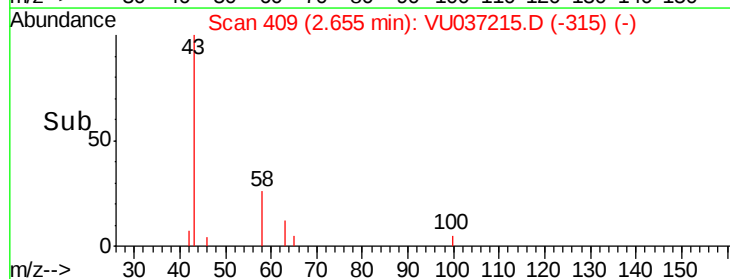
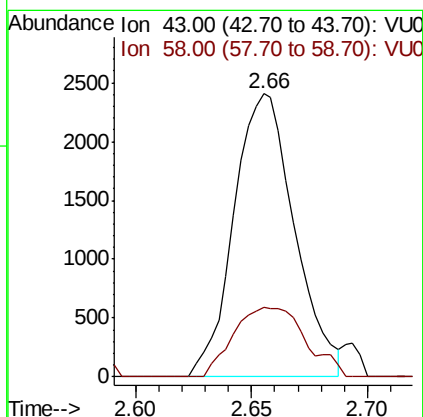
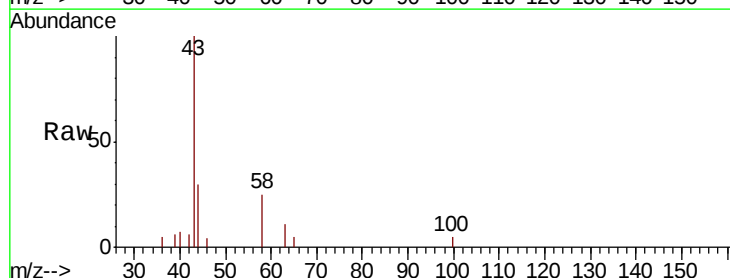
Instrument :
 MSVOA_U
 ClientSampleId :

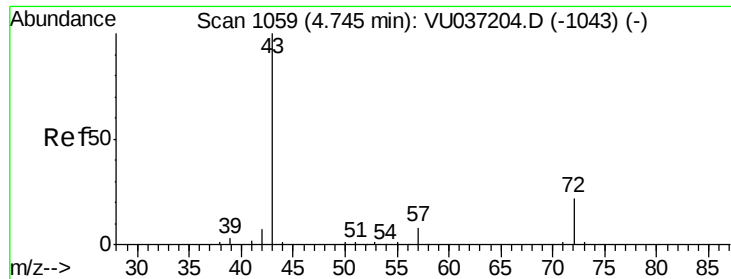
Tot Ion: 96 Resp: 2176
 Ion Ratio Lower Upper
 96 100
 61 1180.3 138.8 257.8#
 63 8197.8 106.4 197.6#



#13
 Acetone
 Concen: 1.938 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VU037215.D
 Acq: 13 Mar 2020 01:44

Tgt Ion: 43 Resp: 4366
 Ion Ratio Lower Upper
 43 100
 58 26.9 0.0 57.2





#22

2-Butanone

Concen: 2.703 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. 0.01 min

Lab File: VU037215.D

Acq: 13 Mar 2020 01:44

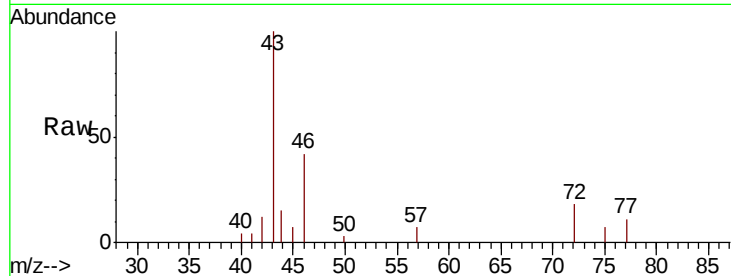
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 7701

Ion Ratio Lower Upper

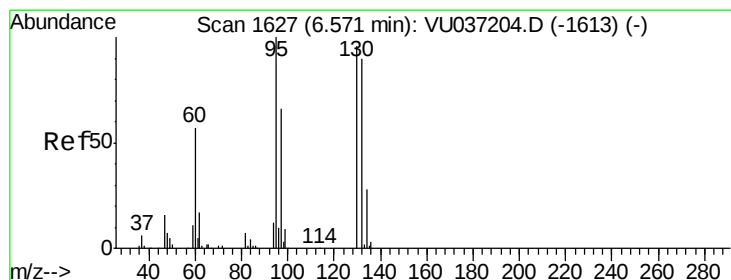
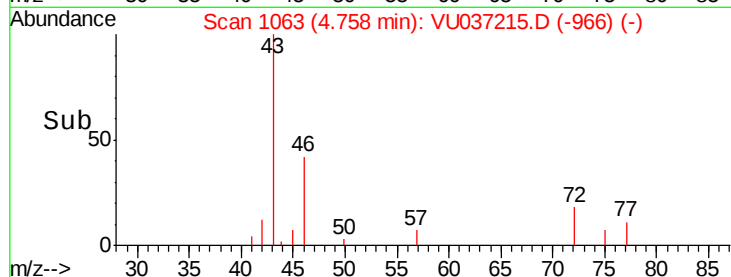
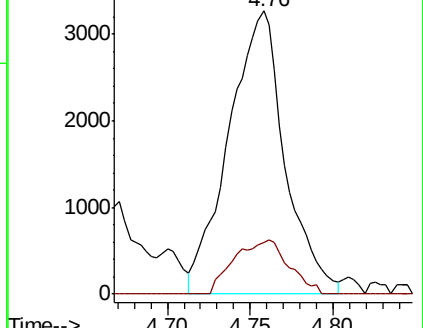
43 100

72 6.4 12.3 36.9#



Abundance Ion 43.00 (42.70 to 43.70): VU037215.D (-966) (-)

Ion 72.00 (71.70 to 72.70): VU037215.D (-966) (-)



#34

Trichloroethene

Concen: 9.754 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037215.D

Acq: 13 Mar 2020 01:44

Tgt Ion: 95 Resp: 28145

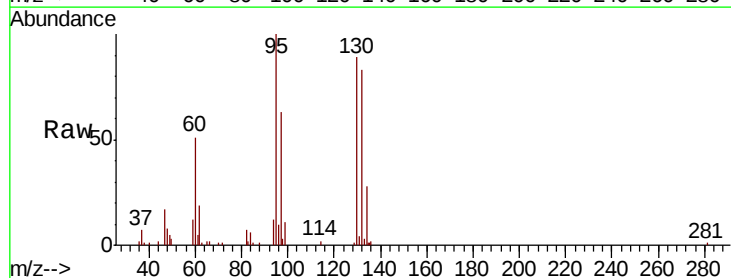
Ion Ratio Lower Upper

95 100

97 63.0 43.8 81.4

132 82.5 62.6 116.3

130 89.1 64.8 120.4

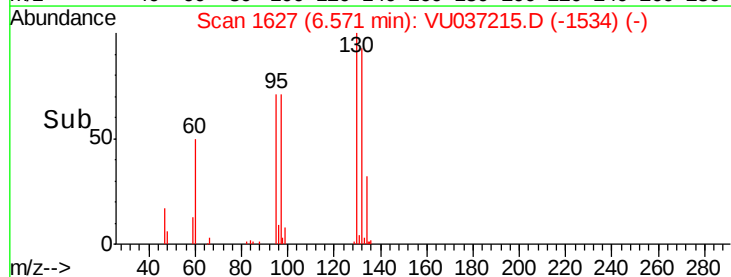
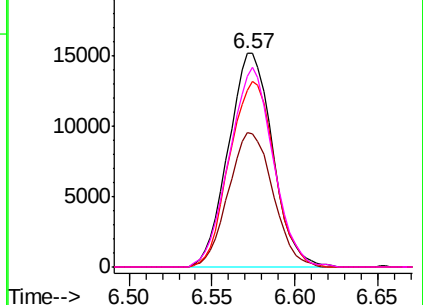


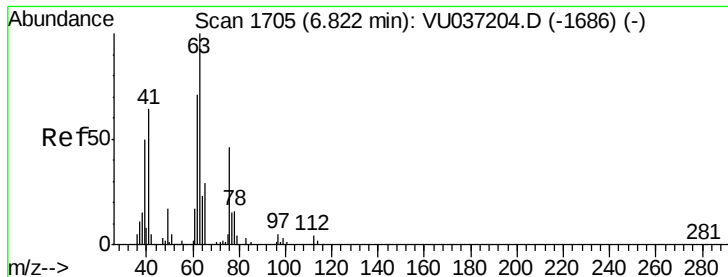
Abundance Ion 95.00 (94.70 to 95.70): VU037215.D (-1534) (-)

Ion 97.00 (96.70 to 97.70): VU037215.D (-1534) (-)

Ion 132.00 (131.70 to 132.70): VU037215.D (-1534) (-)

Ion 130.00 (129.70 to 130.70): VU037215.D (-1534) (-)





#37

1,2-Dichloropropane

Concen: 6.924 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037215.D

Acq: 13 Mar 2020 01:44

Instrument :

MSVOA_U

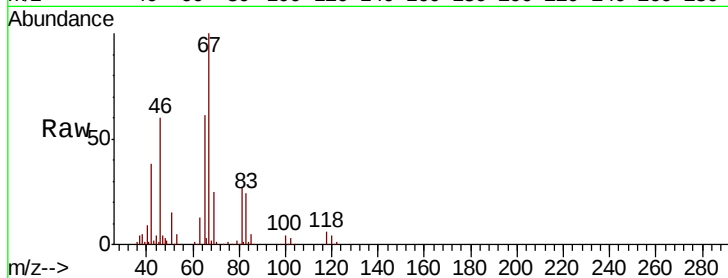
ClientSampleId :

Tot Ion: 63 Resp: 21854

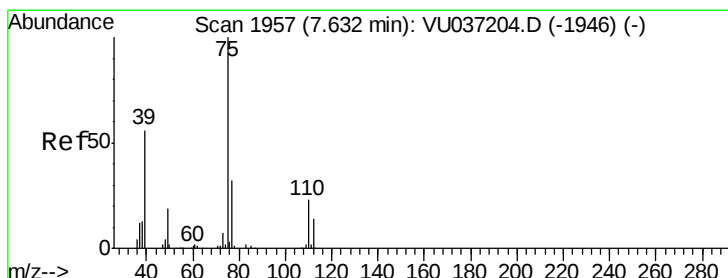
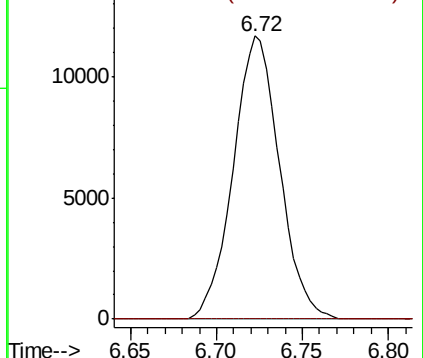
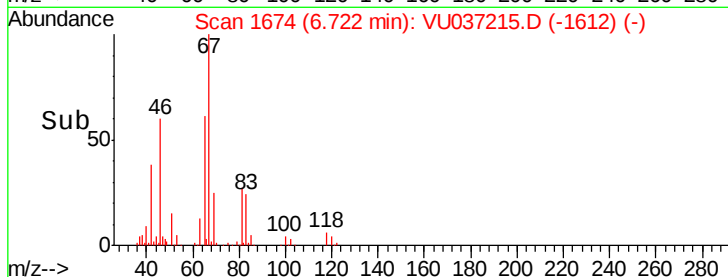
Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU037215.D (-1612) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.403 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037215.D

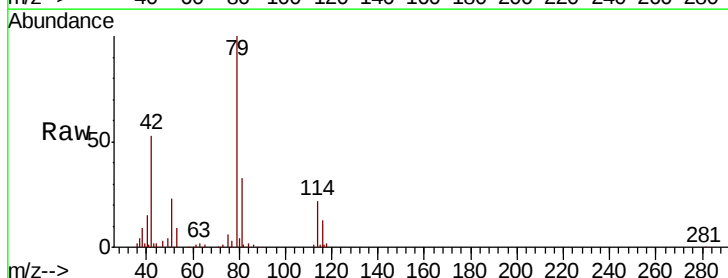
Acq: 13 Mar 2020 01:44

Tgt Ion: 75 Resp: 6868

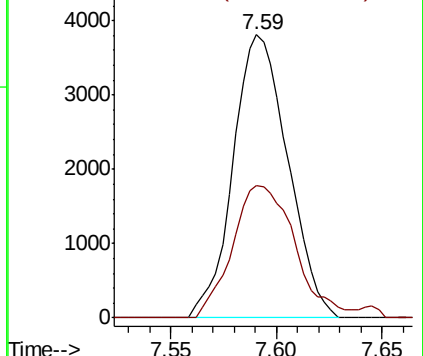
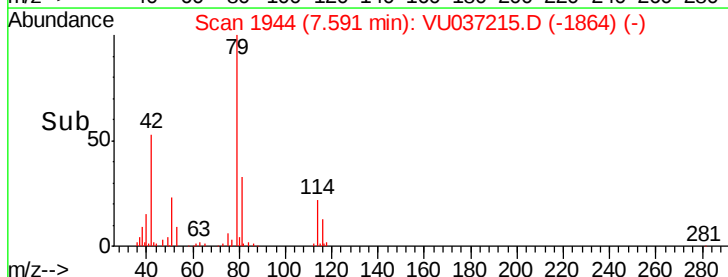
Ion Ratio Lower Upper

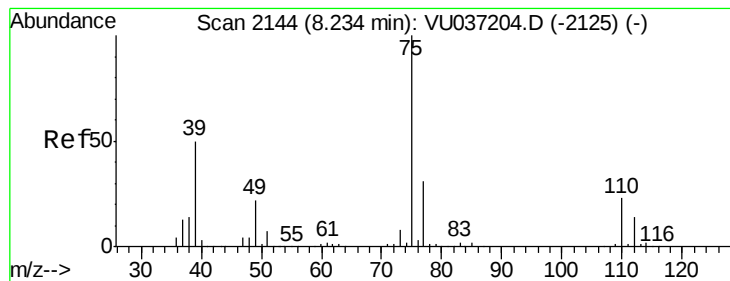
75 100

77 46.8 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU037215.D (-1864) (-)





#44

trans-1,3-Dichloropropene

Concen: 1.003 ug/L

RT: 8.20 min Scan# 2134

Delta R.T. -0.03 min

Lab File: VU037215.D

Acq: 13 Mar 2020 01:44

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 4635

Ion Ratio Lower Upper

75 100

77 39.8 22.1 41.1

