

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031320\
 Data File : VU037255.D
 Acq On : 13 Mar 2020 20:40
 Operator : JC/MD
 Sample : L1900-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 14 00:28:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 14 00:24:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	118028	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	119281	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	50906	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35725	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.93	69	31265	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.59	63	52338	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.67	46	96850	48.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.70%
24) Chloroform-d	5.11	84	69192	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.74	65	45237	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.76	84	136869	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.73	67	44754	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.92	98	124054	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.20	79	17507	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.66	63	79189	49.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.38%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	36301	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	45957	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

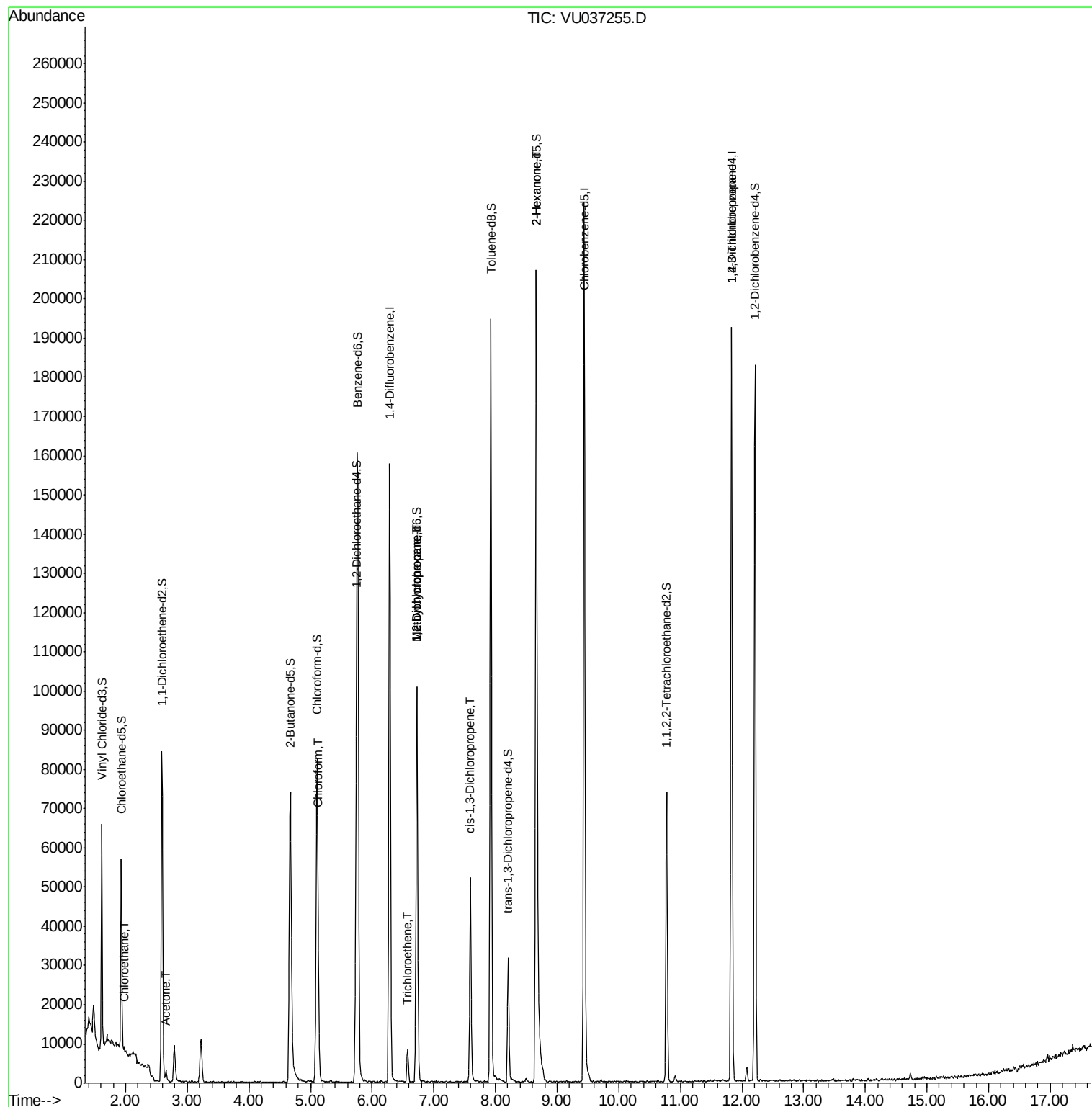
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.98	64	660	0.111	ug/L #	53
13) Acetone	2.66	43	2763	1.701	ug/L	97
25) Chloroform	5.13	83	8718	0.485	ug/L	97
34) Trichloroethene	6.58	95	2774	0.291	ug/L	90
35) Methylcyclohexane	6.73	83	10714	0.728	ug/L #	15
37) 1,2-Dichloropropane	6.73	63	5385	0.580	ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	1497	0.112	ug/L #	40
48) 2-Hexanone	8.66	43	10624	2.320	ug/L #	73
59) 1,2,3-Trichloropropane	11.83	75	6881	1.036	ug/L	97

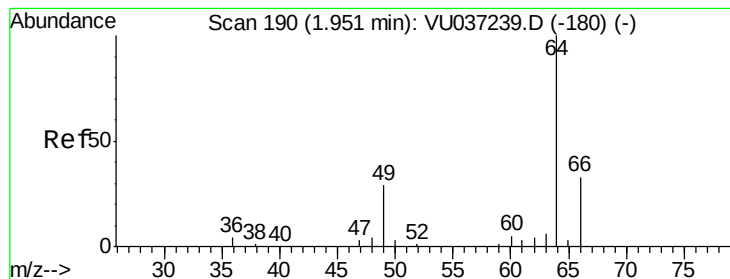
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031320\
Data File : VU037255.D
Acq On : 13 Mar 2020 20:40
Operator : JC/MD
Sample : L1900-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Mar 14 00:28:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 14 00:24:25 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.111 ug/L

RT: 1.98 min Scan# 198

Delta R.T. 0.03 min

Lab File: VU037255.D

Acq: 13 Mar 2020 20:40

Instrument :

MSVOA_U

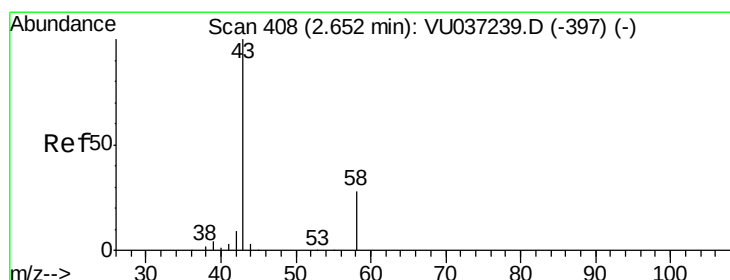
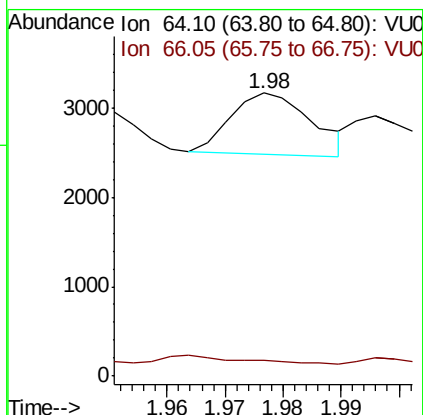
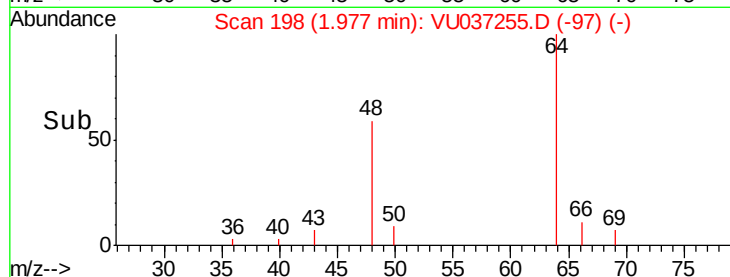
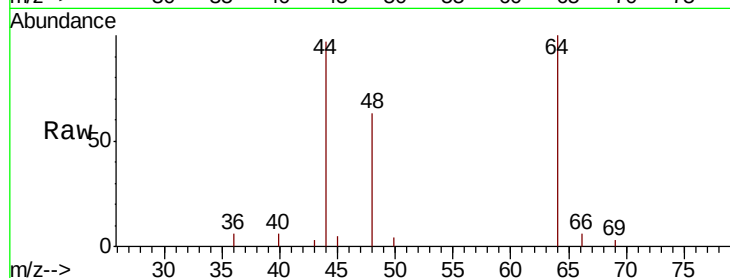
ClientSampled :

Tot Ion: 64 Resp: 660

Ion Ratio Lower Upper

64 100

66 5.5 22.0 40.8#



#13

Acetone

Concen: 1.701 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037255.D

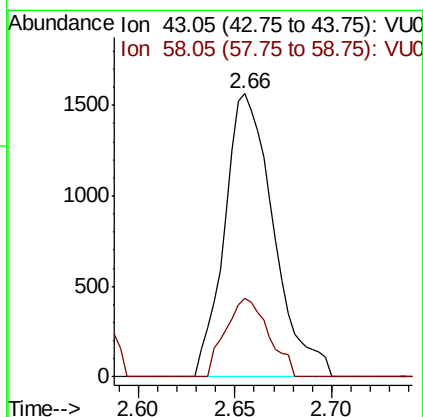
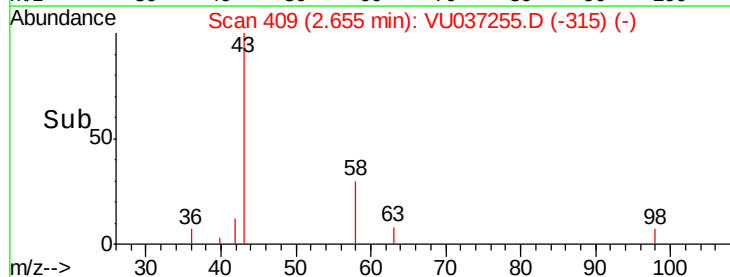
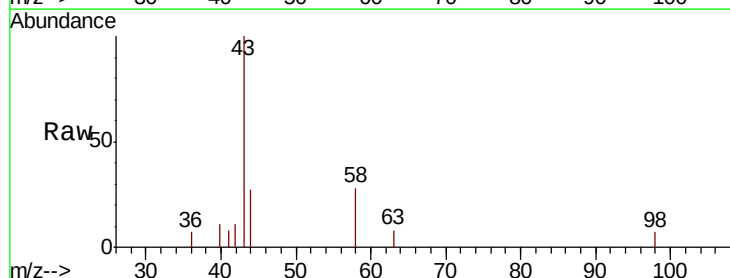
Acq: 13 Mar 2020 20:40

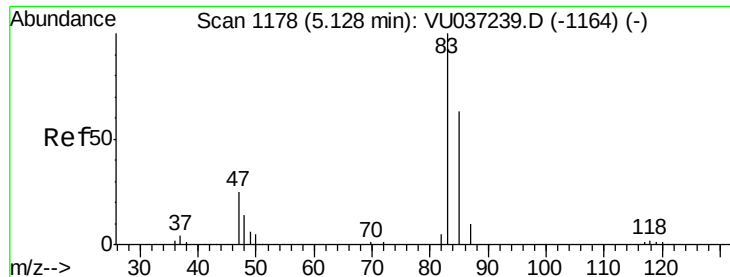
Tgt Ion: 43 Resp: 2763

Ion Ratio Lower Upper

43 100

58 24.3 0.0 52.2

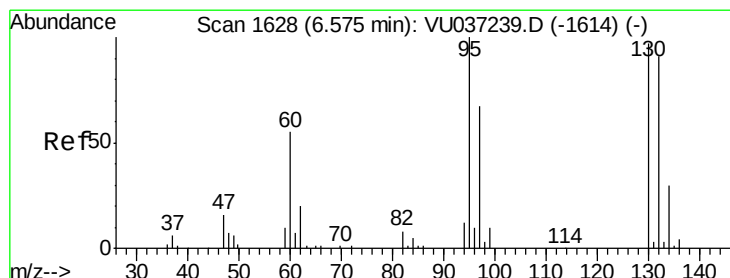
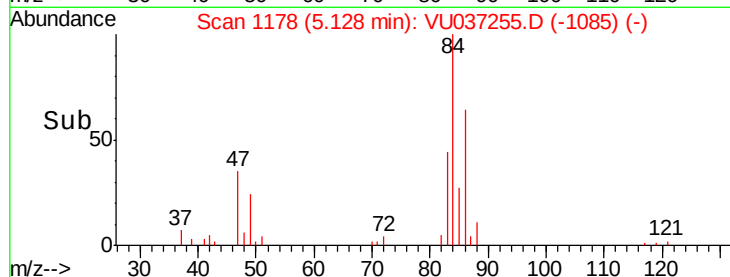
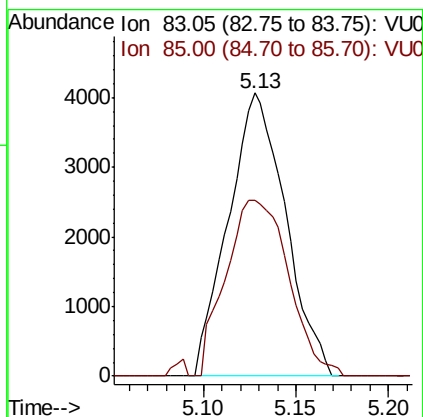
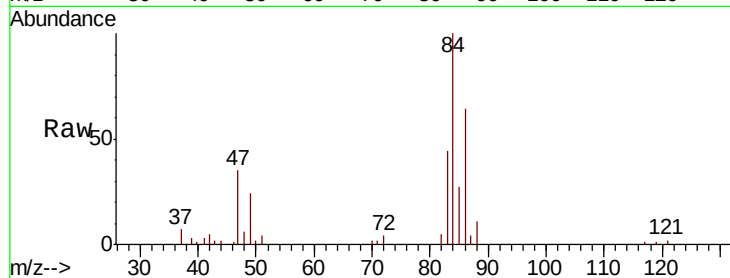




#25
Chloroform
Concen: 0.485 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037255.D
Acq: 13 Mar 2020 20:40

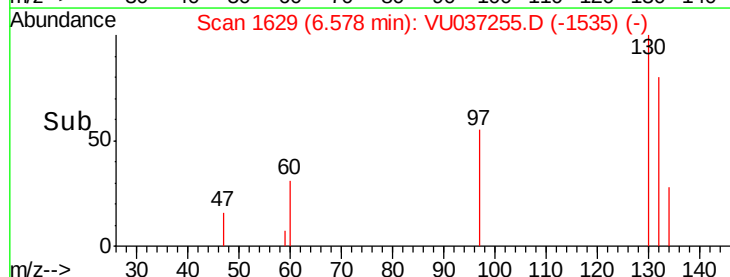
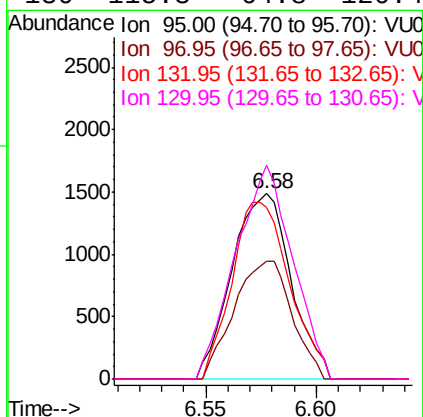
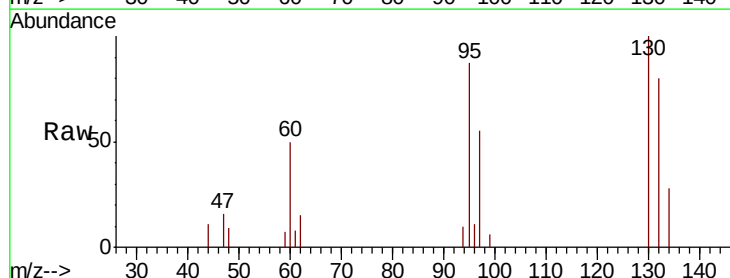
Instrument :
MSVOA_U
ClientSampleId :

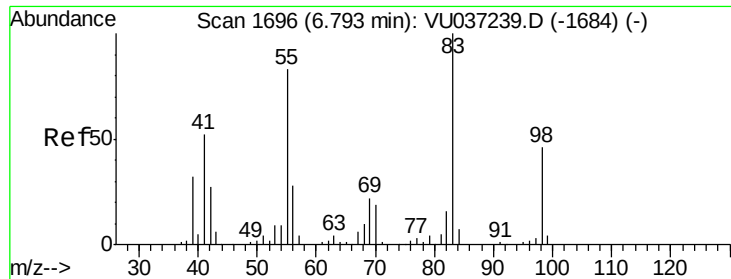
Tot Ion: 83 Resp: 8718
Ion Ratio Lower Upper
83 100
85 62.2 45.3 84.1



#34
Trichloroethene
Concen: 0.291 ug/L
RT: 6.58 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VU037255.D
Acq: 13 Mar 2020 20:40

Tgt Ion: 95 Resp: 2774
Ion Ratio Lower Upper
95 100
97 63.3 45.4 84.4
132 92.3 63.7 118.3
130 115.3 64.8 120.4

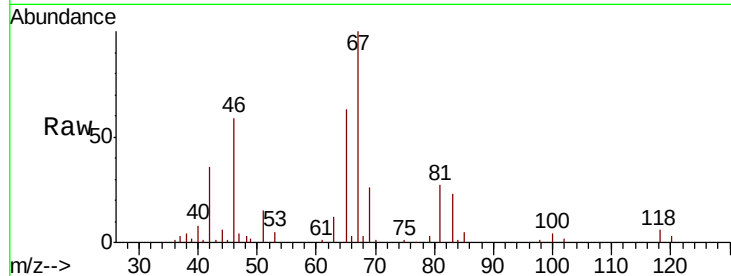




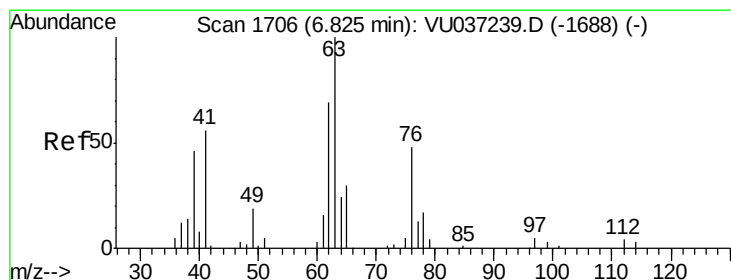
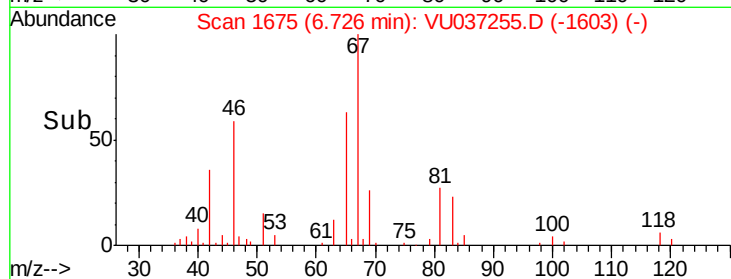
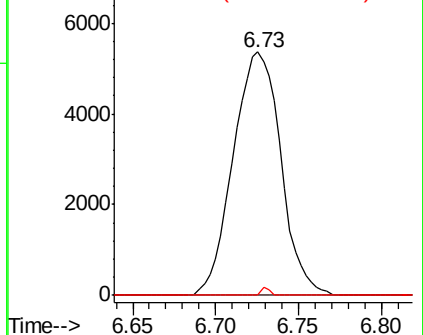
#35
Methylvlcyclohexane
Concen: 0.728 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037255.D
Acq: 13 Mar 2020 20:40

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 10714
Ion Ratio Lower Upper
83 100
55 0.0 68.1 102.1#
98 0.5 37.0 55.4#

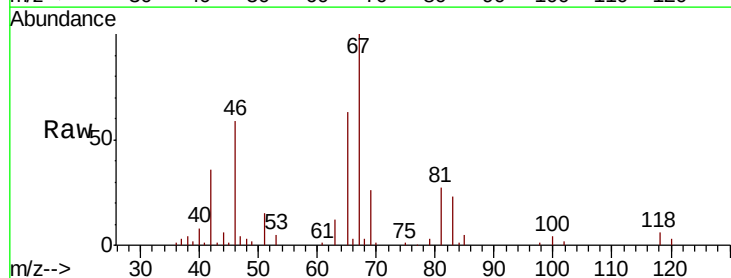


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

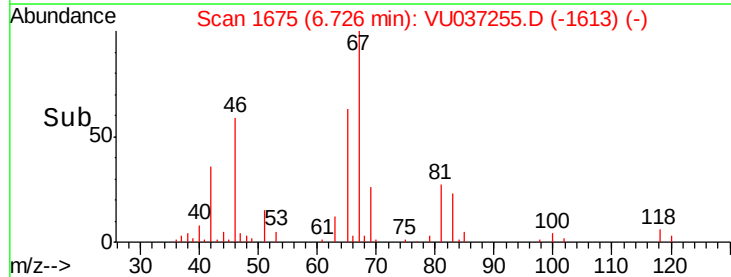
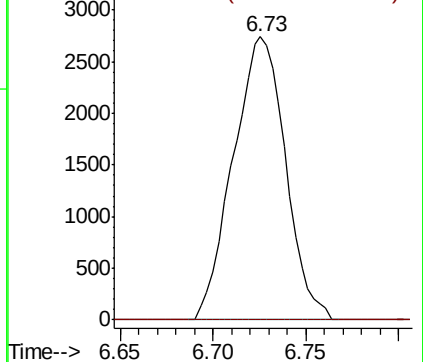


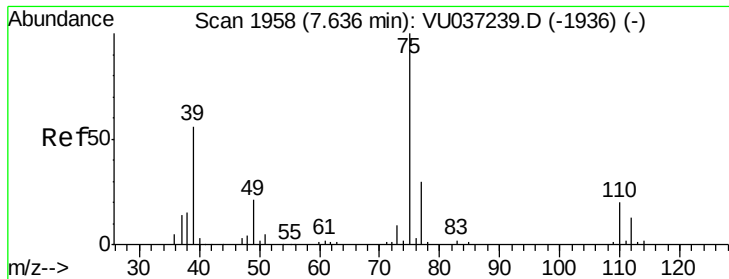
#37
1,2-Dichloropropane
Concen: 0.580 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037255.D
Acq: 13 Mar 2020 20:40

Tgt Ion: 63 Resp: 5385
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



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

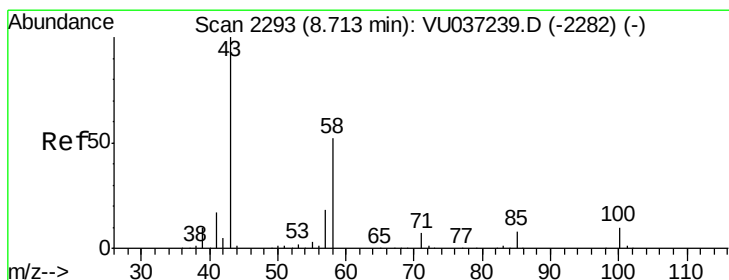
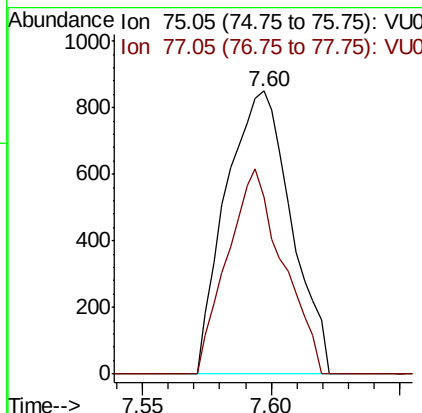
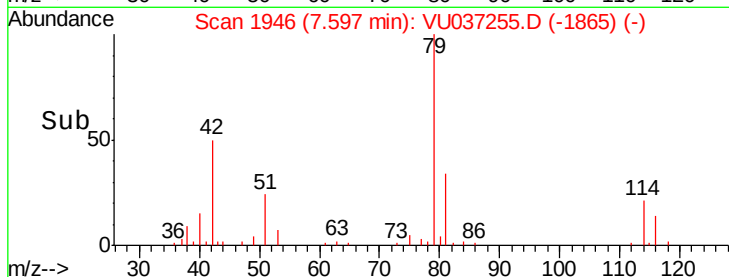
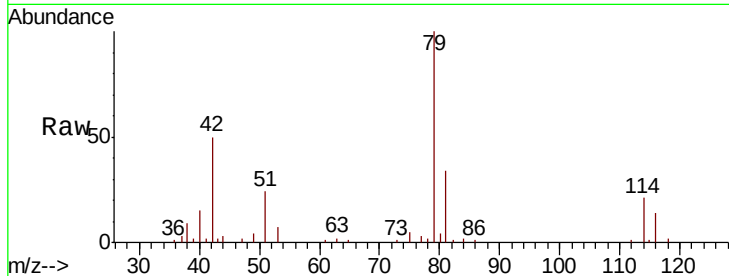




#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU037255.D
 Acq: 13 Mar 2020 20:40

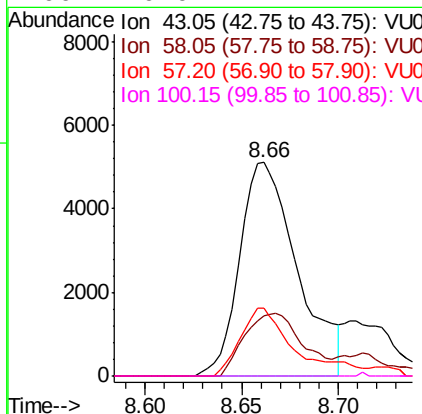
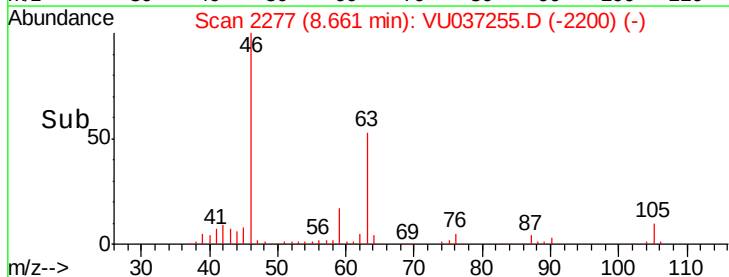
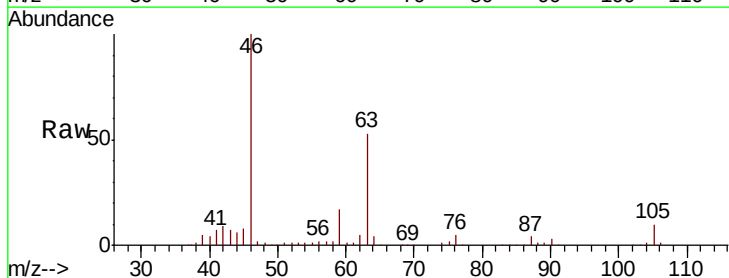
Instrument :
 MSVOA_U
 ClientSampled :

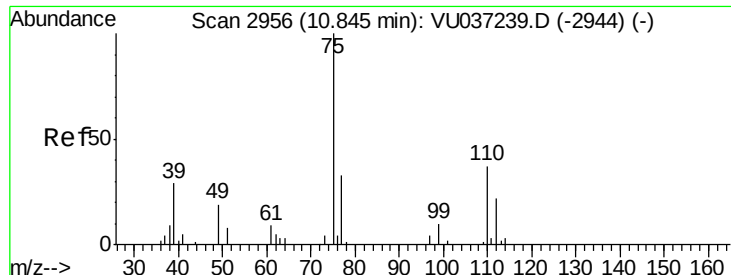
Tot Ion: 75 Resp: 1497
 Ion Ratio Lower Upper
 75 100
 77 62.7 21.1 39.1#



#48
 2-Hexanone
 Concen: 2.320 ug/L
 RT: 8.66 min Scan# 2277
 Delta R.T. -0.05 min
 Lab File: VU037255.D
 Acq: 13 Mar 2020 20:40

Tgt Ion: 43 Resp: 10624
 Ion Ratio Lower Upper
 43 100
 58 29.8 38.6 58.0#
 57 29.6 13.6 20.4#
 100 0.0 7.4 11.2#





#59

1,2,3-Trichloropropane

Concen: 1.036 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU037255.D

Acq: 13 Mar 2020 20:40

Instrument :

MSVOA_U

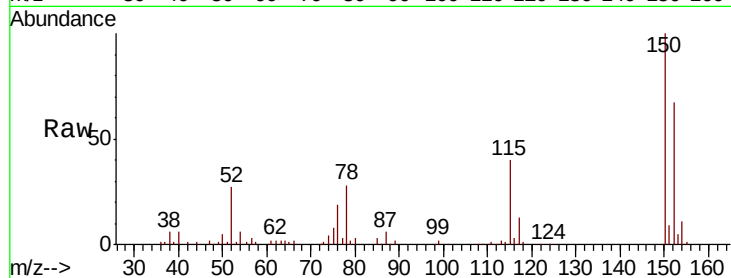
ClientSampleId :

Tot Ion: 75 Resp: 6881

Ion Ratio Lower Upper

75 100

77 36.0 27.4 41.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

