

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037464.D
 Acq On : 30 Mar 2020 15:32
 Operator : JC/MD
 Sample : L2001-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 01:19:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 01:16:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	101104	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	96595	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	48704	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	29828	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.93	69	28437	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.59	63	47450	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.67	46	98975	48.66	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.32%
24) Chloroform-d	5.11	84	58185	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	5.74	65	35753	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.76	84	122888	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.72	67	43665	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.92	98	112728	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	8.20	79	18518	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.66	63	84721	49.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	34948	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	42976	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

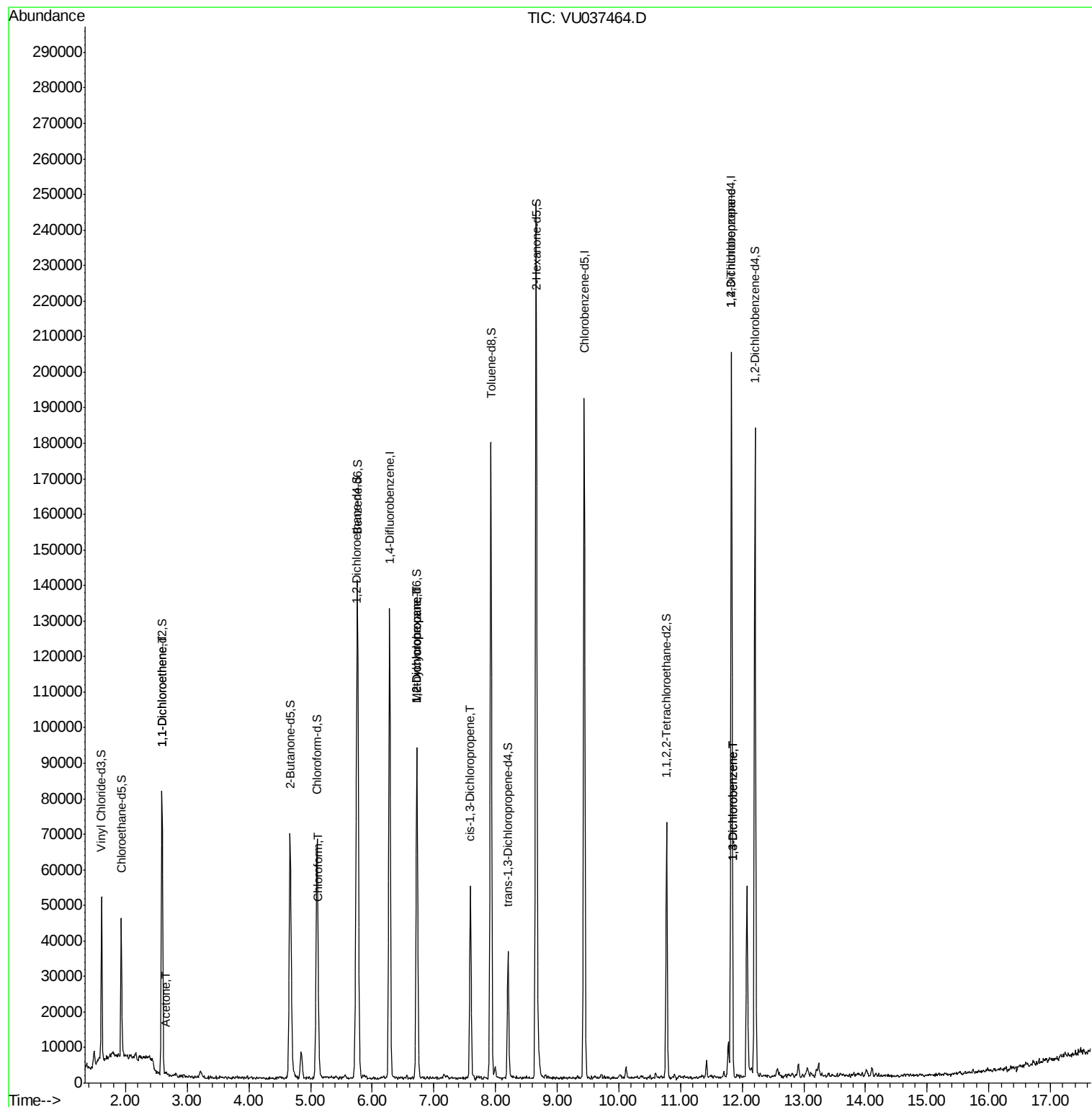
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	549	0.083	ug/L #	1
13) Acetone	2.66	43	1826	1.562	ug/L	65
25) Chloroform	5.13	83	6374	0.466	ug/L	90
35) Methylcyclohexane	6.72	83	9694	0.752	ug/L #	17
37) 1,2-Dichloropropane	6.73	63	4861	0.657	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1219	0.101	ug/L #	5
59) 1,2,3-Trichloropropane	11.83	75	7263	1.412	ug/L	95
62) 1,3-Dichlorobenzene	11.85	146	1374	0.088	ug/L #	78
63) 1,4-Dichlorobenzene	11.85	146	1374	0.082	ug/L #	76

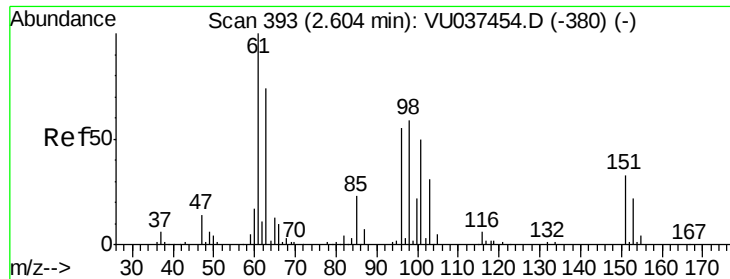
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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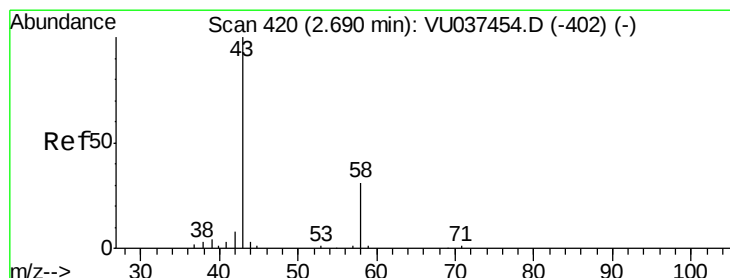
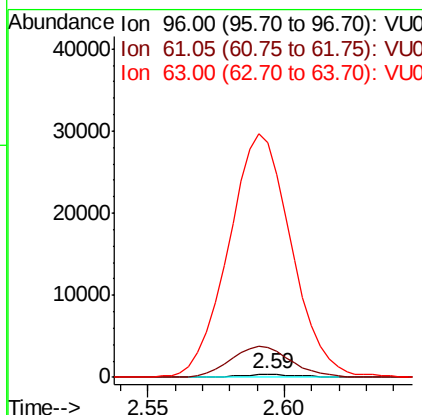
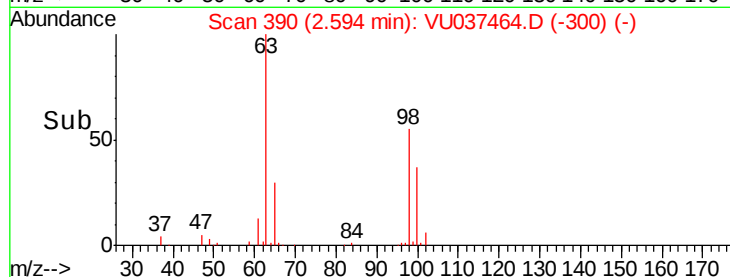
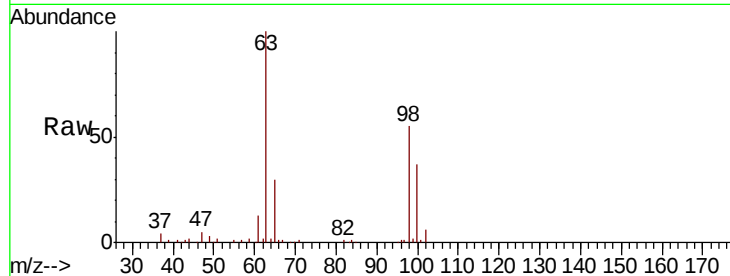




#12
 1,1-Dichloroethene
 Concen: 0.083 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU037464.D
 Acq: 30 Mar 2020 15:32

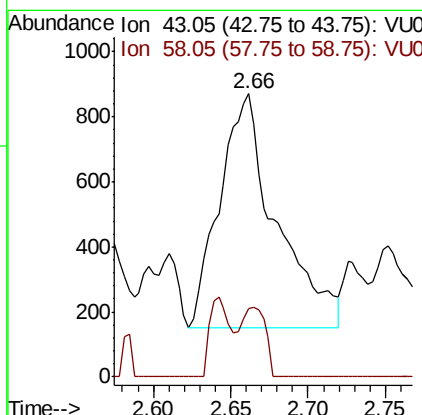
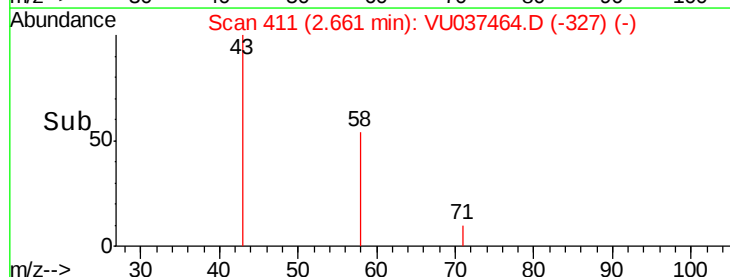
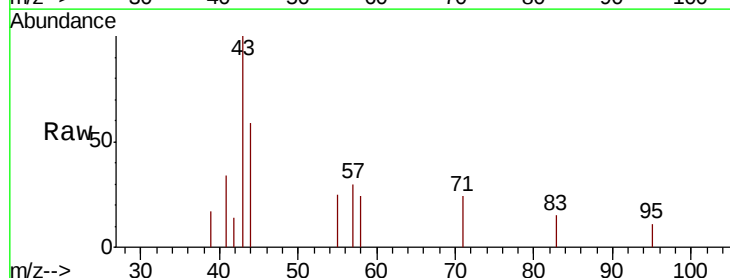
Instrument :
 MSVOA_U
 ClientSampled :

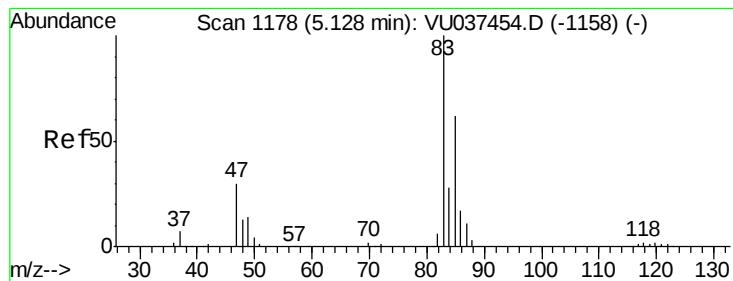
Tot Ion: 96 Resp: 549
 Ion Ratio Lower Upper
 96 100
 61 946.7 125.4 232.8#
 63 7487.7 90.9 168.7#



#13
 Acetone
 Concen: 1.562 ug/L
 RT: 2.66 min Scan# 411
 Delta R.T. -0.03 min
 Lab File: VU037464.D
 Acq: 30 Mar 2020 15:32

Tgt Ion: 43 Resp: 1826
 Ion Ratio Lower Upper
 43 100
 58 13.2 0.0 66.0





#25

Chloroform

Concen: 0.466 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VU037464.D

Acq: 30 Mar 2020 15:32

Instrument :

MSVOA_U

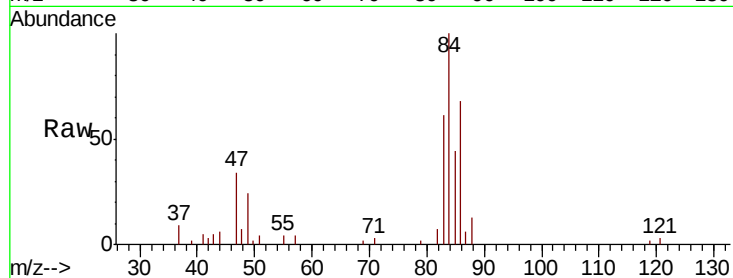
ClientSampleId :

Tot Ion: 83 Resp: 6374

Ion Ratio Lower Upper

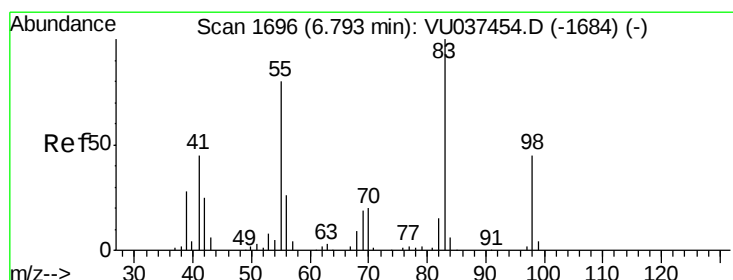
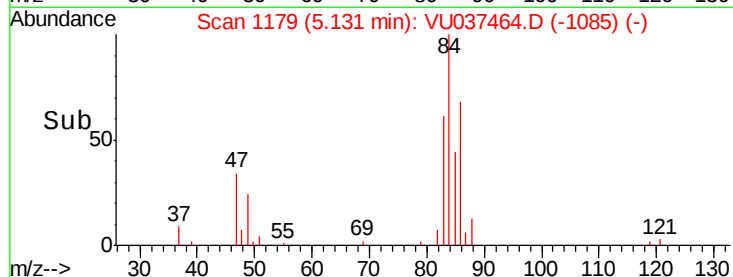
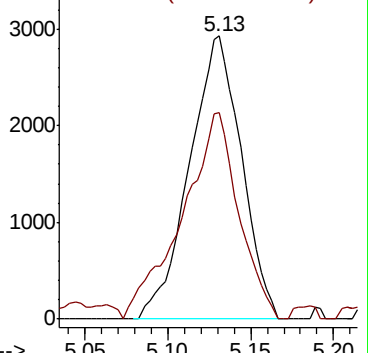
83 100

85 72.8 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU037464.D (-1158) (-)

Ion 85.00 (84.70 to 85.70): VU037464.D (-1158) (-)



#35

Methylcyclohexane

Concen: 0.752 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037464.D

Acq: 30 Mar 2020 15:32

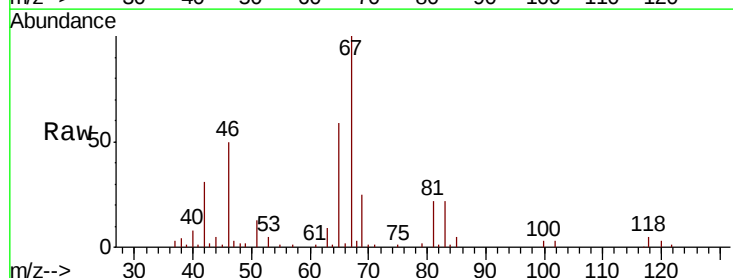
Tgt Ion: 83 Resp: 9694

Ion Ratio Lower Upper

83 100

55 0.3 64.2 96.4#

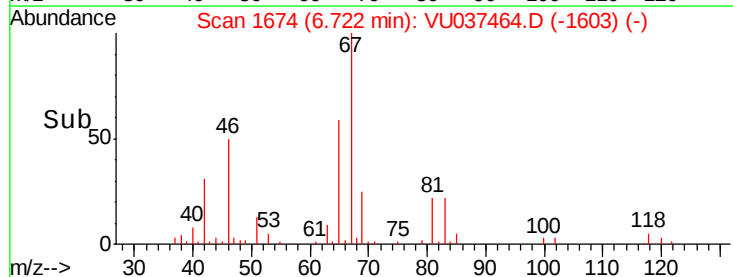
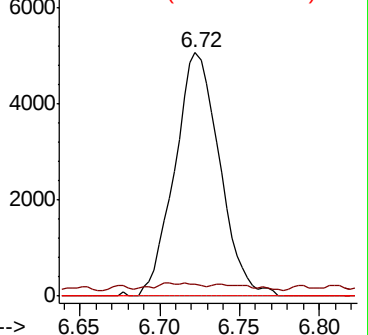
98 0.0 36.3 54.5#

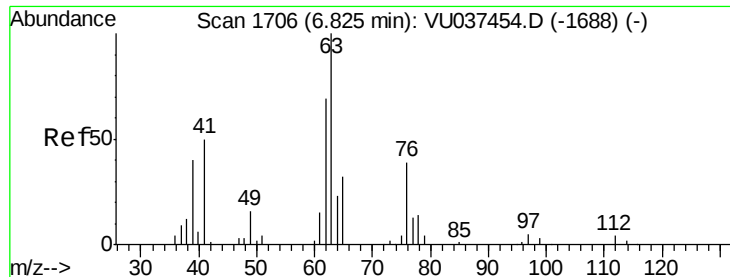


Abundance Ion 83.15 (82.85 to 83.85): VU037464.D (-1684) (-)

Ion 55.10 (54.80 to 55.80): VU037464.D (-1684) (-)

Ion 98.15 (97.85 to 98.85): VU037464.D (-1684) (-)

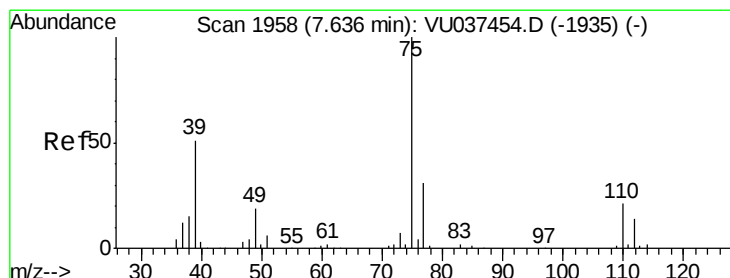
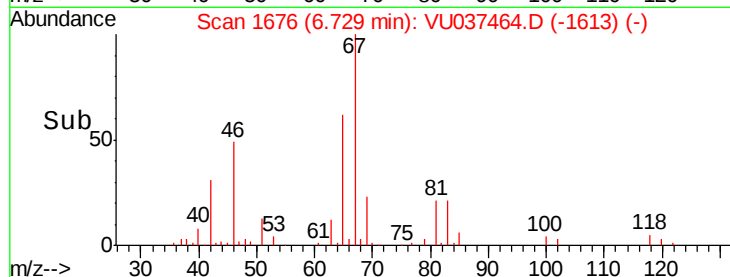
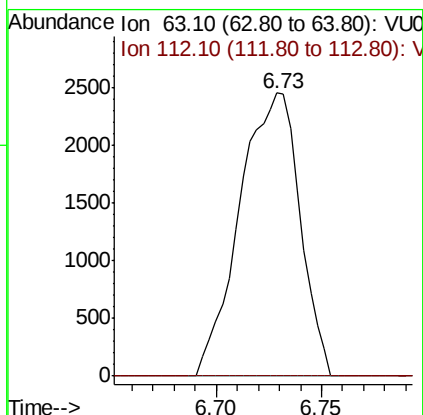
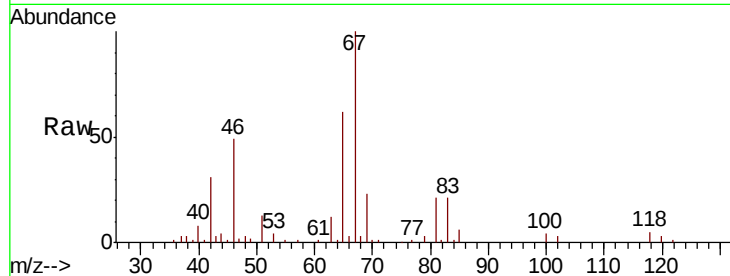




#37
 1,2-Dichloropropane
 Concen: 0.657 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU037464.D
 Acq: 30 Mar 2020 15:32

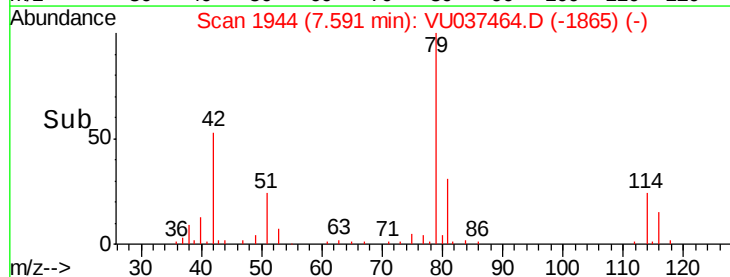
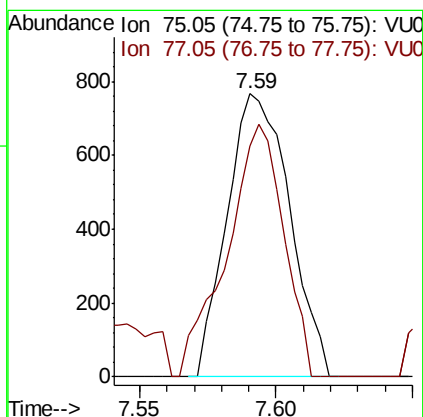
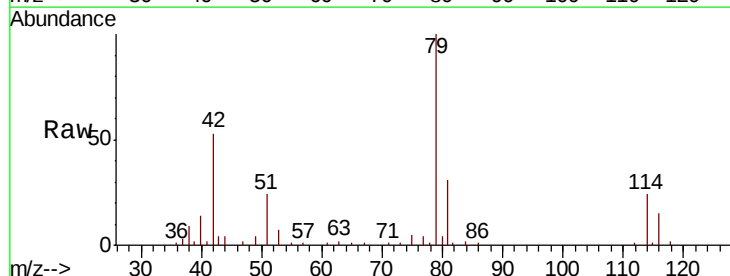
Instrument :
 MSVOA_U
 ClientSampled :

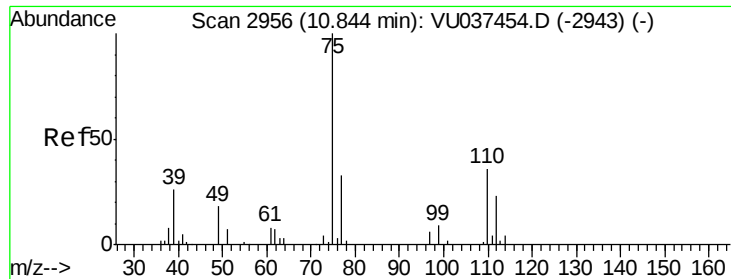
Tot Ion: 63 Resp: 4861
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037464.D
 Acq: 30 Mar 2020 15:32

Tgt Ion: 75 Resp: 1219
 Ion Ratio Lower Upper
 75 100
 77 81.7 21.1 39.3#

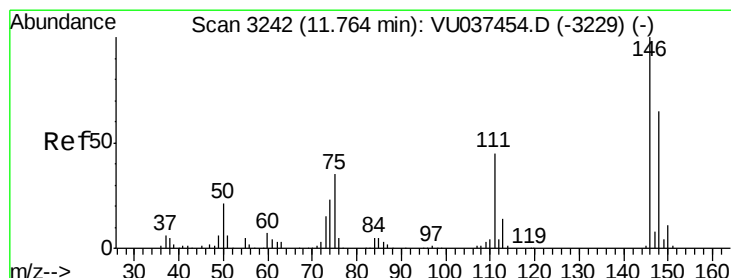
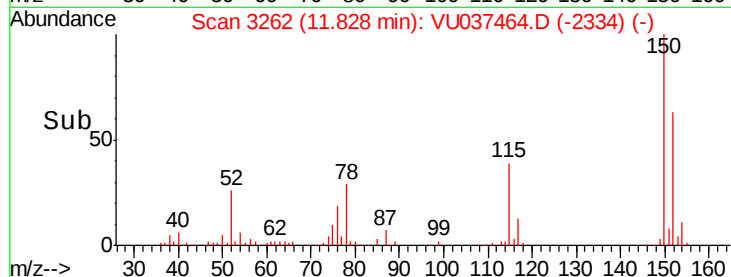
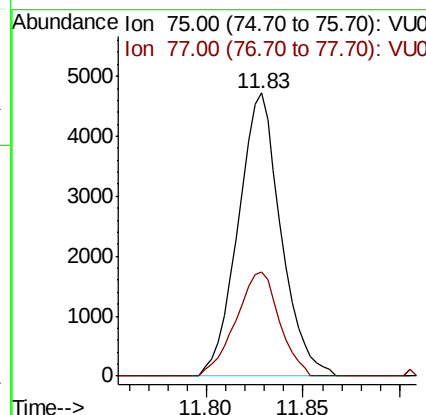
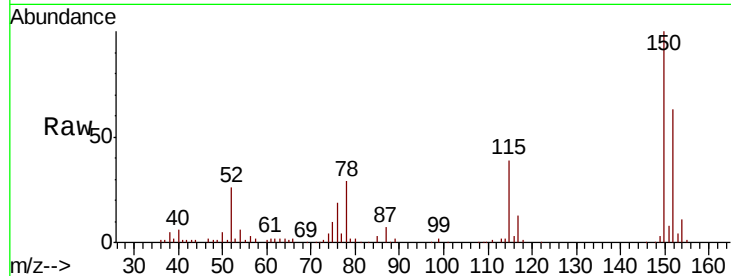




#59
 1,2,3-Trichloropropane
 Concen: 1.412 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU037464.D
 Acq: 30 Mar 2020 15:32

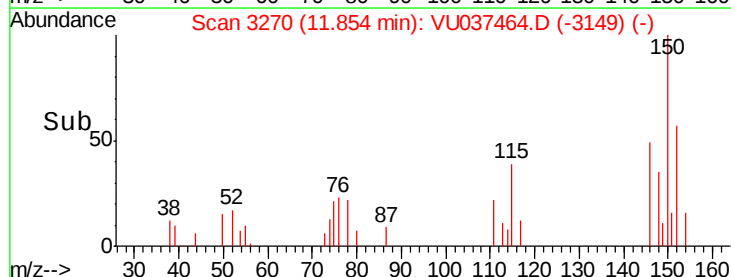
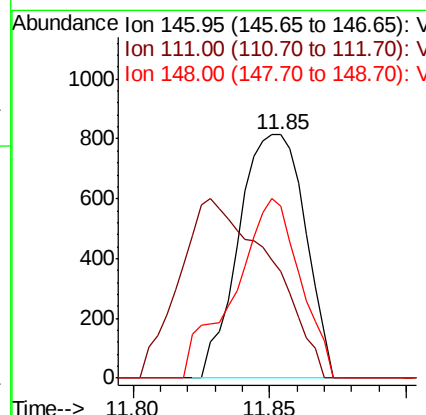
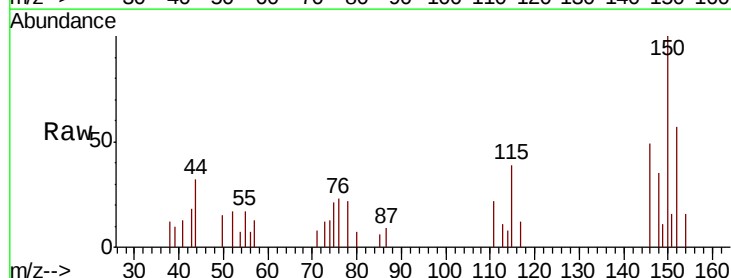
Instrument :
 MSVOA_U
 ClientSampled :

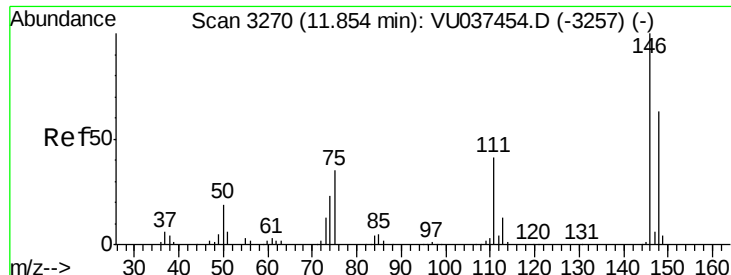
Tot Ion: 75 Resp: 7263
 Ion Ratio Lower Upper
 75 100
 77 37.3 27.4 41.2



#62
 1,3-Dichlorobenzene
 Concen: 0.088 ug/L
 RT: 11.85 min Scan# 3270
 Delta R.T. 0.09 min
 Lab File: VU037464.D
 Acq: 30 Mar 2020 15:32

Tgt Ion: 146 Resp: 1374
 Ion Ratio Lower Upper
 146 100
 111 43.7 29.4 54.6
 148 92.5 46.1 85.5#





#63

1,4-Dichlorobenzene

Concen: 0.082 ug/L

RT: 11.85 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU037464.D

Acq: 30 Mar 2020 15:32

Instrument :

MSVOA_U

ClientSampleId :

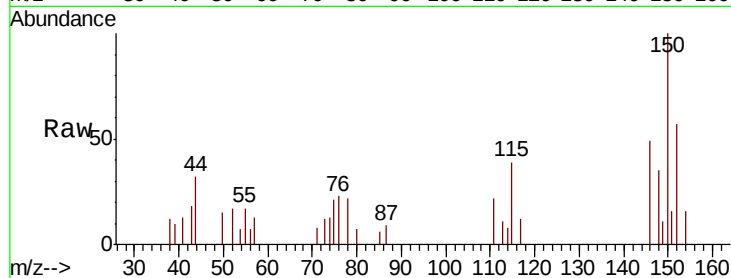
Tot Ion:146 Resp: 1374

Ion Ratio Lower Upper

146 100

111 43.7 28.8 53.6

148 92.5 44.5 82.7#



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

