

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051320\
 Data File : VU038143.D
 Acq On : 13 May 2020 15:07
 Operator : JC/MD
 Sample : L2630-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 01:14:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 01:11:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	367451	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	359258	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	175115	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	123557	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.93	69	118892	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.59	63	169025	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.66	46	477616	57.60	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.20%
24) Chloroform-d	5.10	84	235068	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.74	65	142421	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.76	84	496063	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.72	67	165378	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.92	98	434863	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.20	79	61858	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.66	63	394688	60.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	138735	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	165728	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

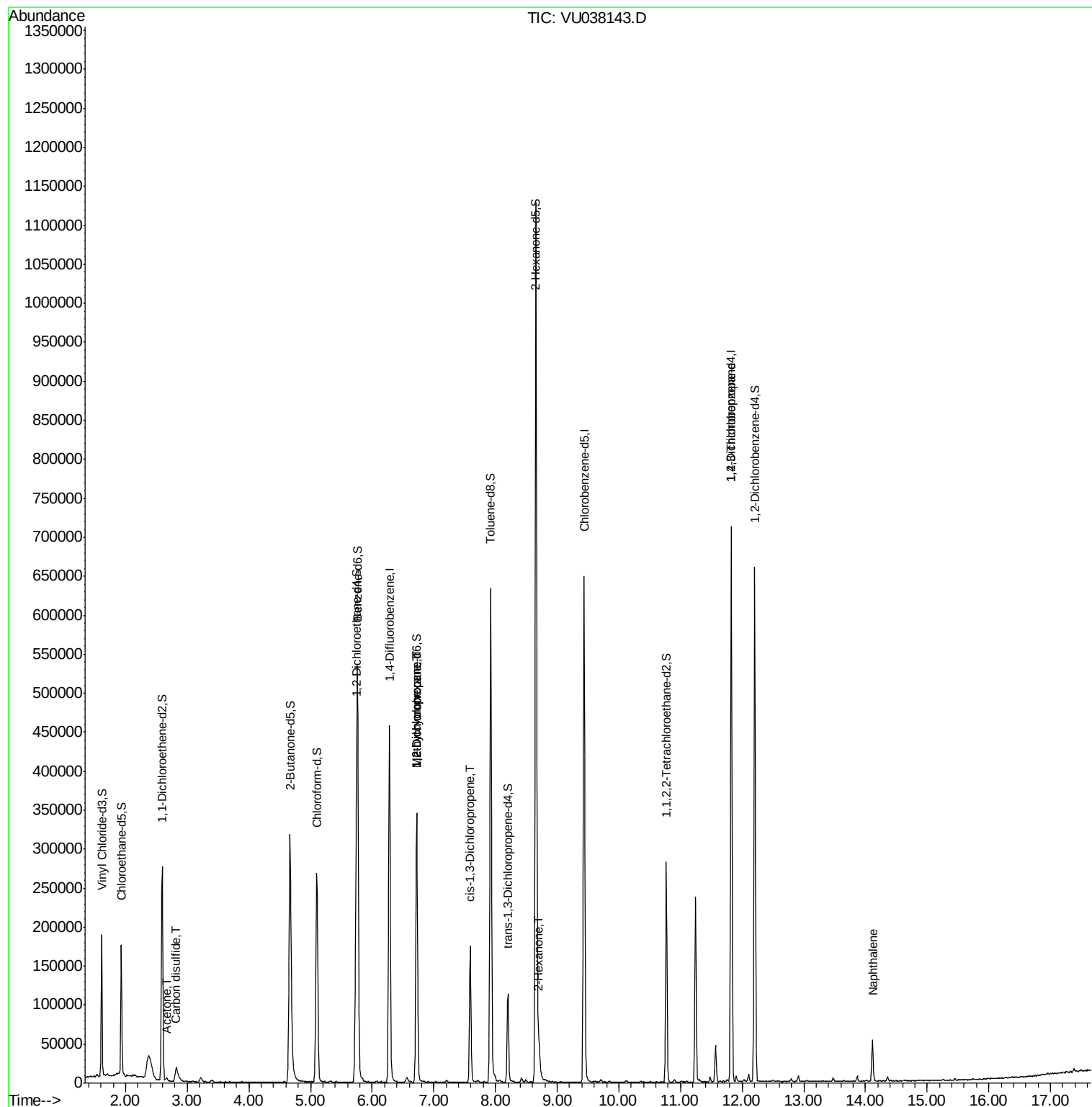
					Ovalue
13) Acetone	2.66	43	5074	0.975 ug/L	90
14) Carbon disulfide	2.82	76	6670	0.073 ug/L #	84
35) Methylcyclohexane	6.72	83	36156	0.776 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	18037	0.577 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3630	0.081 ug/L #	66
48) 2-Hexanone	8.71	43	28268	1.782 ug/L #	88
59) 1,2,3-Trichloropropane	11.82	75	24207	1.154 ug/L	93
69) Naphthalene	14.11	128	41162	0.521 ug/L	99

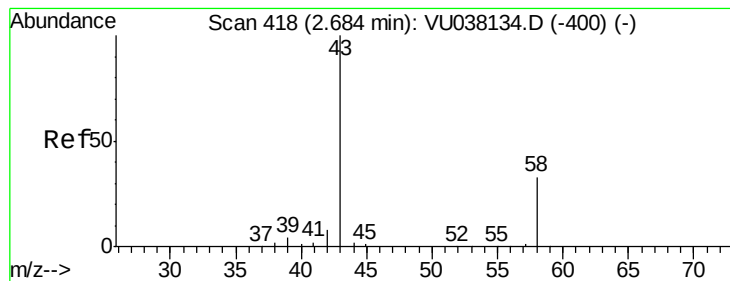
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.975 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU038143.D

Acq: 13 May 2020 15:07

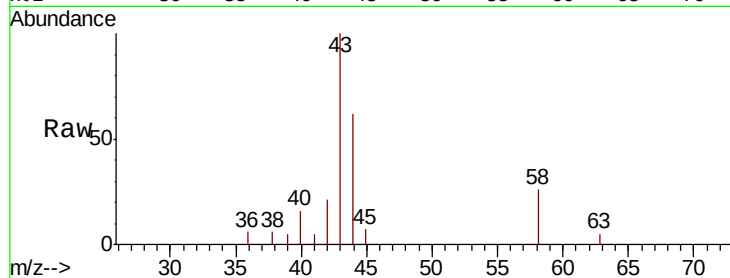
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 5074

Ion Ratio Lower Upper

43 100

58 26.3 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038143.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU038143.D (-325) (-)

2500

2000

1500

1000

500

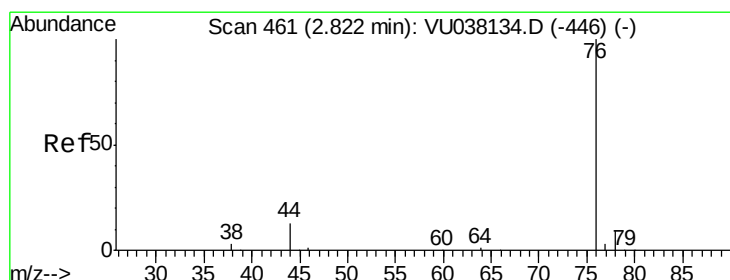
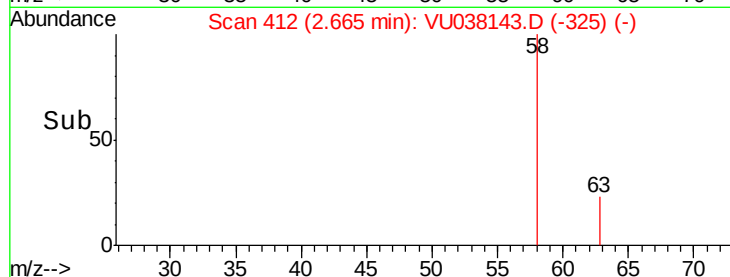
0

2.60

2.65

2.70

Time-->



#14

Carbon disulfide

Concen: 0.073 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU038143.D

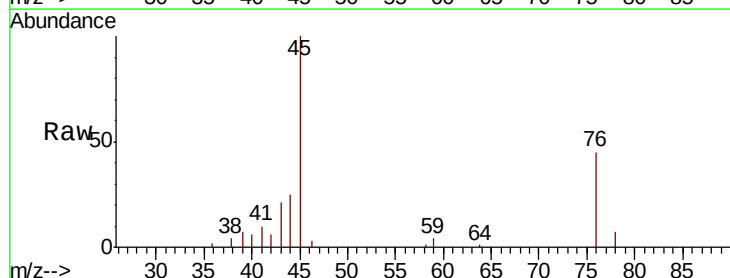
Acq: 13 May 2020 15:07

Tgt Ion: 76 Resp: 6670

Ion Ratio Lower Upper

76 100

78 14.7 7.1 10.7#



Abundance Ion 76.05 (75.75 to 76.75): VU038143.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU038143.D (-368) (-)

4000

3000

2000

1000

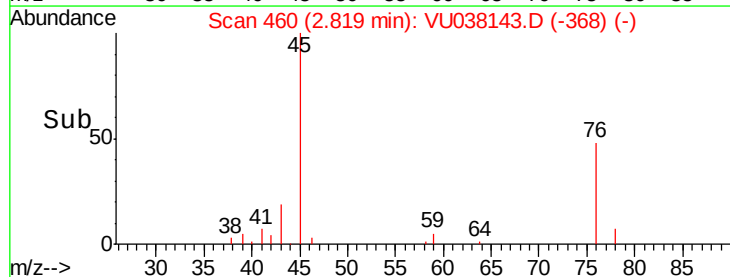
0

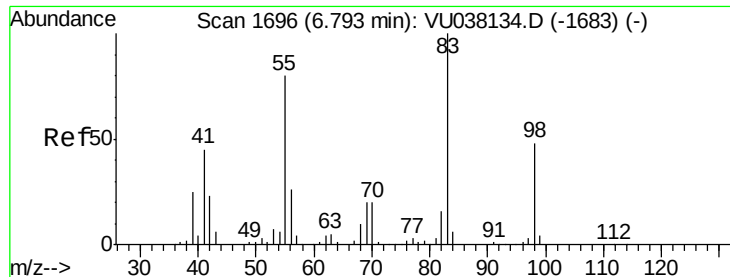
2.75

2.80

2.85

Time-->

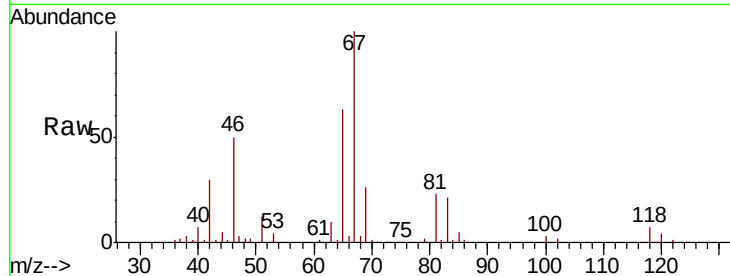




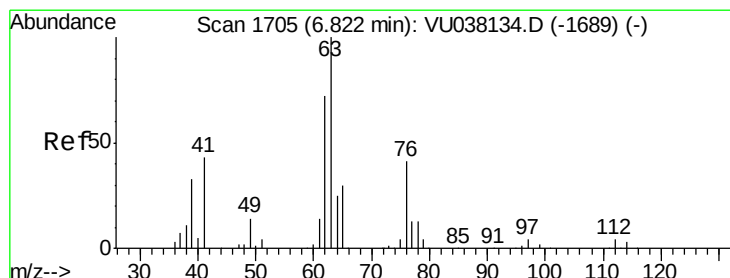
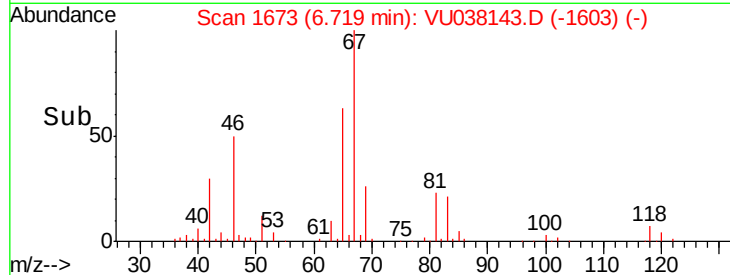
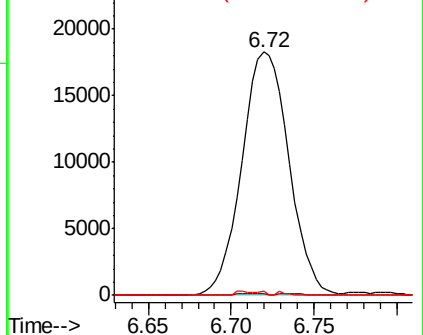
#35
Methylvlcyclohexane
Concen: 0.776 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038143.D
Acq: 13 May 2020 15:07

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 36156
Ion Ratio Lower Upper
83 100
55 0.4 66.7 100.1#
98 0.9 39.4 59.2#

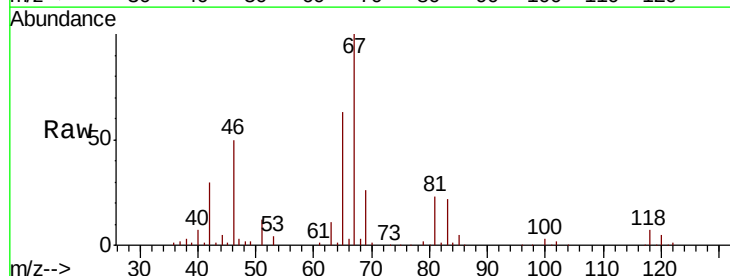


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

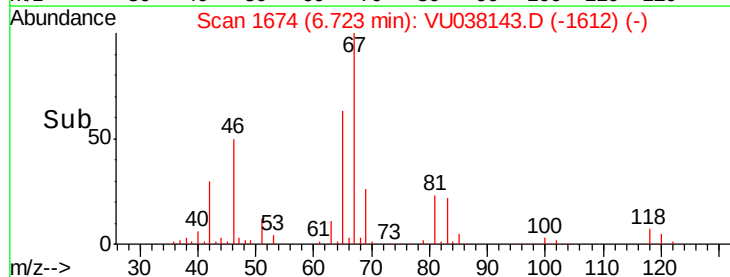
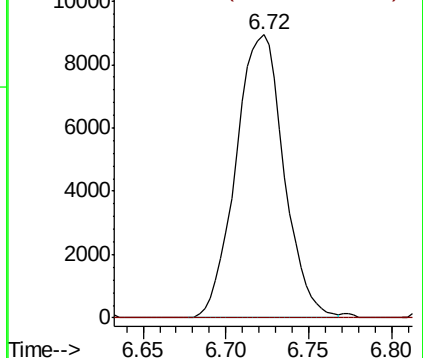


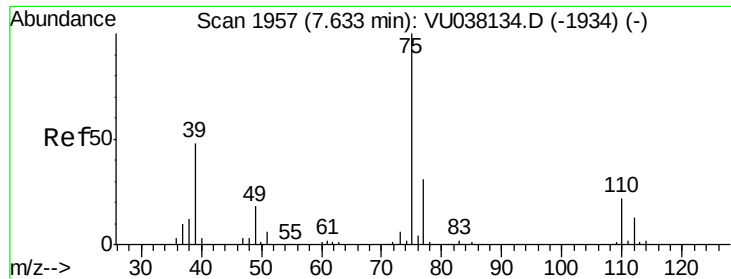
#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038143.D
Acq: 13 May 2020 15:07

Tgt Ion: 63 Resp: 18037
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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

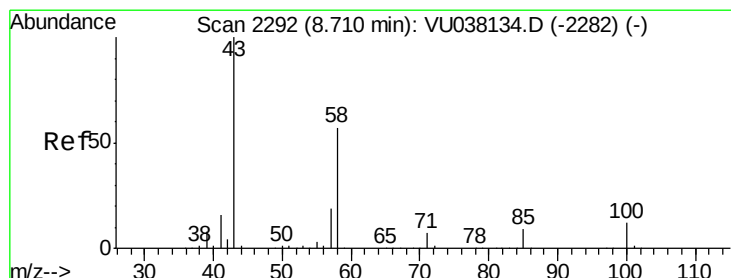
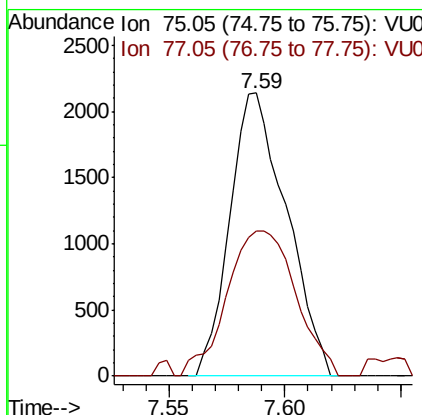
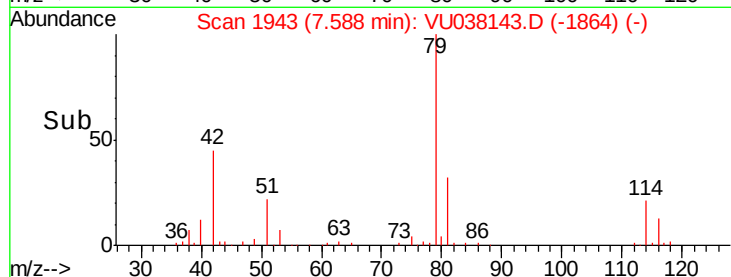
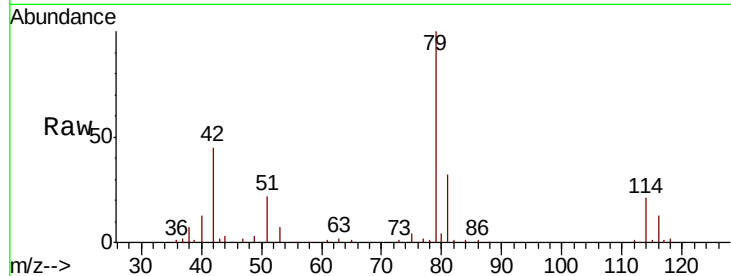




#39
 cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU038143.D
 Acq: 13 May 2020 15:07

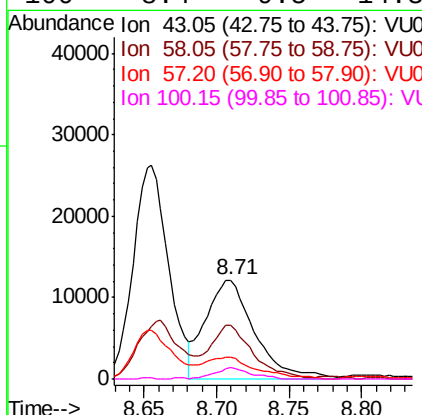
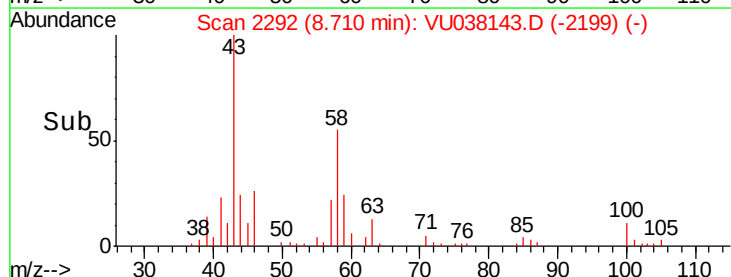
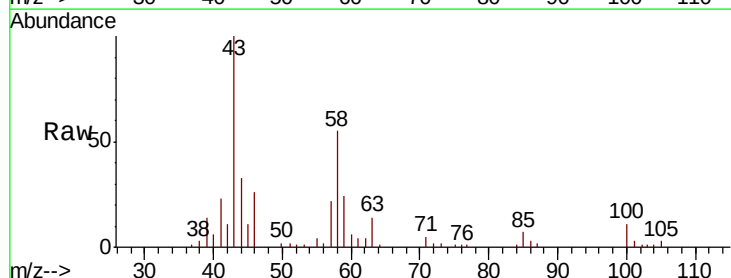
Instrument :
 MSVOA_U
 ClientSampleId :

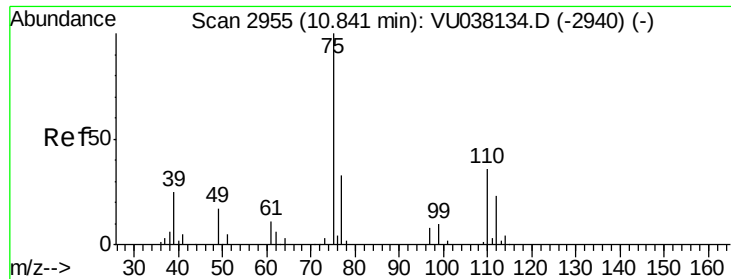
Tot Ion: 75 Resp: 3630
 Ion Ratio Lower Upper
 75 100
 77 51.1 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.782 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU038143.D
 Acq: 13 May 2020 15:07

Tgt Ion: 43 Resp: 28268
 Ion Ratio Lower Upper
 43 100
 58 47.2 45.2 67.8
 57 23.8 15.5 23.3#
 100 8.4 9.5 14.3#

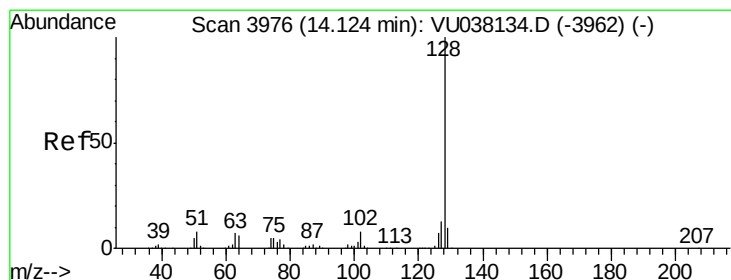
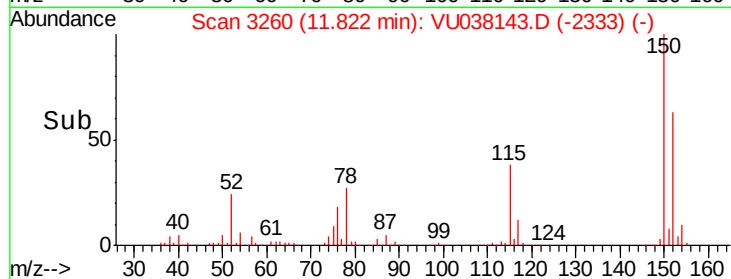
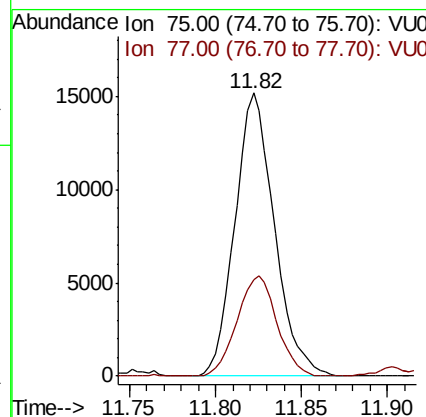
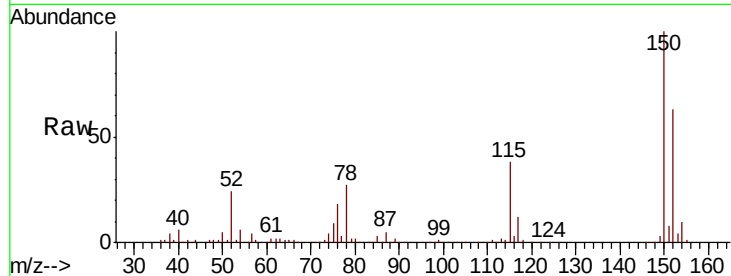




#59
 1,2,3-Trichloropropane
 Concen: 1.154 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038143.D
 Acq: 13 May 2020 15:07

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 24207
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.4 38.0



#69
 Naphthalene
 Concen: 0.521 ug/L
 RT: 14.11 min Scan# 3973
 Delta R.T. -0.01 min
 Lab File: VU038143.D
 Acq: 13 May 2020 15:07

Tgt Ion: 128 Resp: 41162
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.7 13.1
 127 12.5 10.2 15.4

