

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038652.D
 Acq On : 07 Jun 2020 05:57
 Operator : SY/MD
 Sample : L2911-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D46

Quant Time: Jun 08 03:04:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 08 02:53:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	310800	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	306022	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	147010	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85456	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.93	69	76041	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.59	63	135565	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.67	46	345910	56.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.22%
24) Chloroform-d	5.10	84	192711	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.74	65	113433	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.76	84	391237	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.72	67	120729	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.92	98	330291	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	8.20	79	45485	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.65	63	295228	59.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108907	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	136465	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

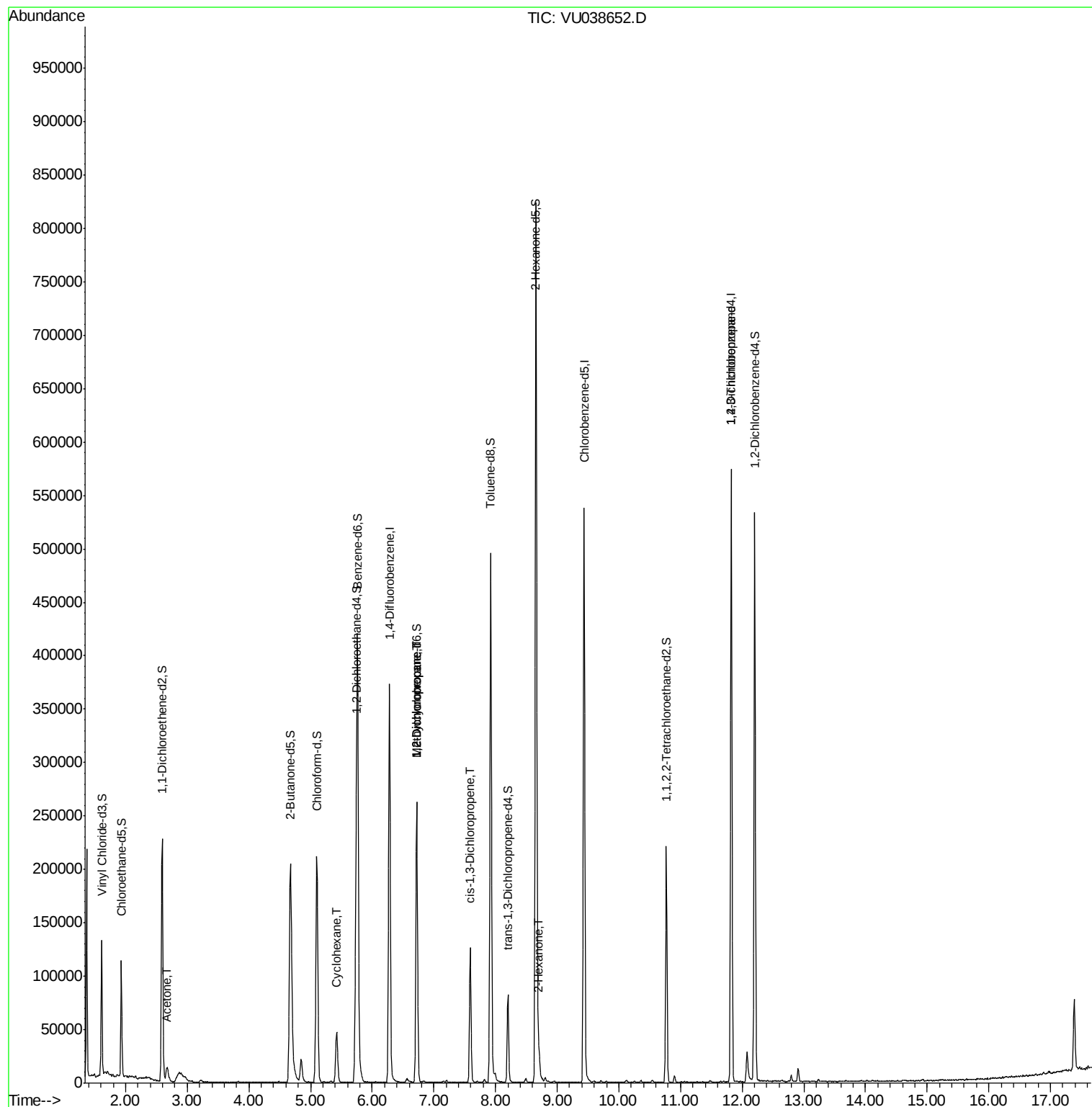
					Ovalue
13) Acetone	2.67	43	24232	6.059	ug/L 100
30) Cyclohexane	5.43	56	23553	0.694	ug/L 99
35) Methylcyclohexane	6.72	83	29738	0.867	ug/L # 18
37) 1,2-Dichloropropane	6.72	63	13671	0.637	ug/L # 86
39) cis-1,3-Dichloropropene	7.59	75	3435	0.108	ug/L 93
48) 2-Hexanone	8.71	43	11675	1.004	ug/L 94
59) 1,2,3-Trichloropropane	11.82	75	18378	1.147	ug/L 89

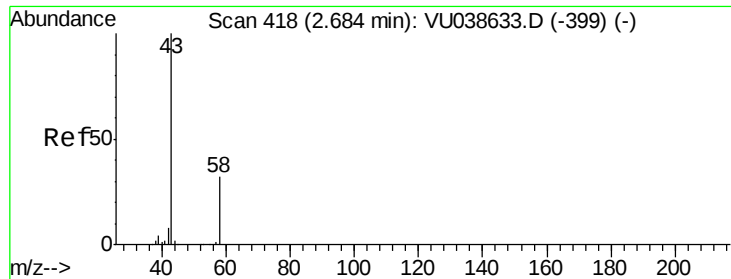
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.059 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU038652.D

Acq: 07 Jun 2020 05:57

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MSVOA_U

ClientSampleId :

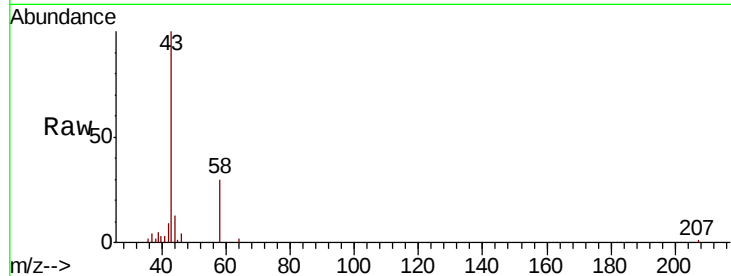
F9D46

Tot Ion: 43 Resp: 24232

Ion Ratio Lower Upper

43 100

58 32.6 0.0 65.6

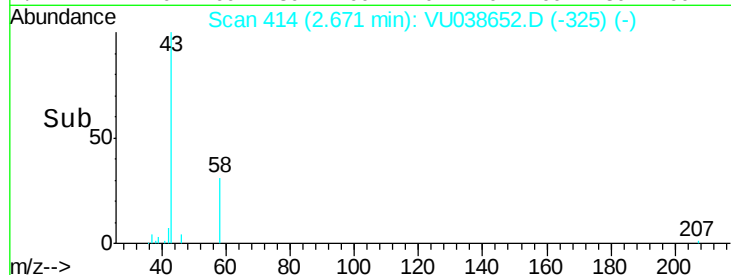


Abundance Ion 43.05 (42.75 to 43.75): VU038633.D (-399) (-)

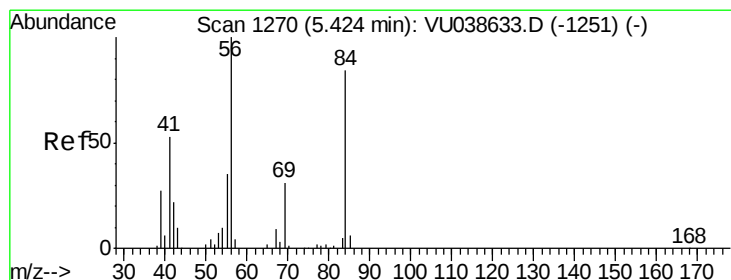
Ion 58.05 (57.75 to 58.75): VU038633.D (-399) (-)

2.67

Time-->



Time-->



#30

Cyclohexane

Concen: 0.694 ug/L

RT: 5.43 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU038652.D

Acq: 07 Jun 2020 05:57

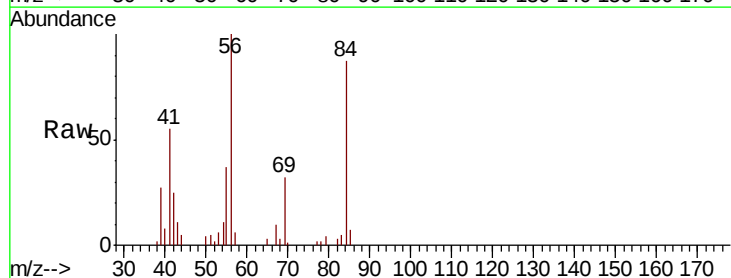
Tgt Ion: 56 Resp: 23553

Ion Ratio Lower Upper

56 100

69 32.4 24.2 36.4

84 88.1 70.8 106.2



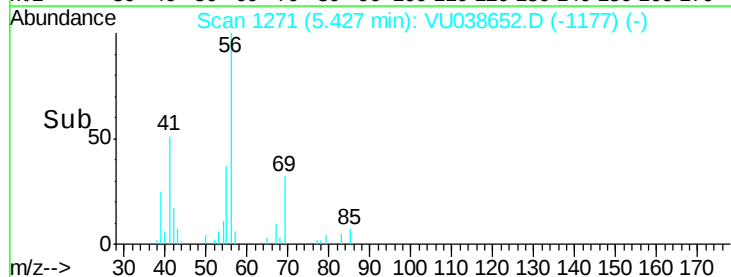
Abundance Ion 56.10 (55.80 to 56.80): VU038633.D (-1251) (-)

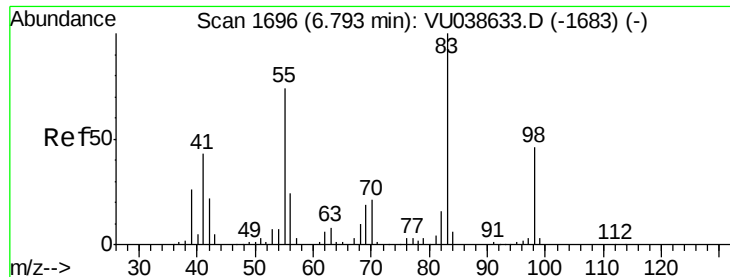
Ion 69.15 (68.85 to 69.85): VU038633.D (-1251) (-)

Ion 84.15 (83.85 to 84.85): VU038633.D (-1251) (-)

5.43

Time-->

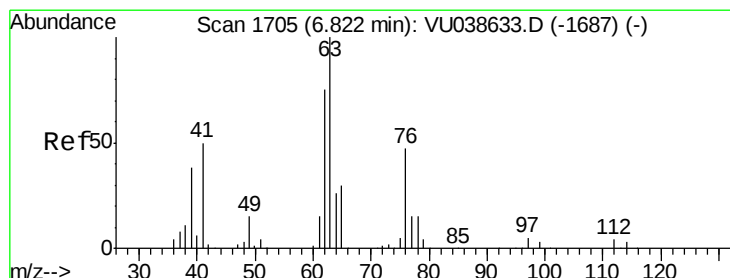
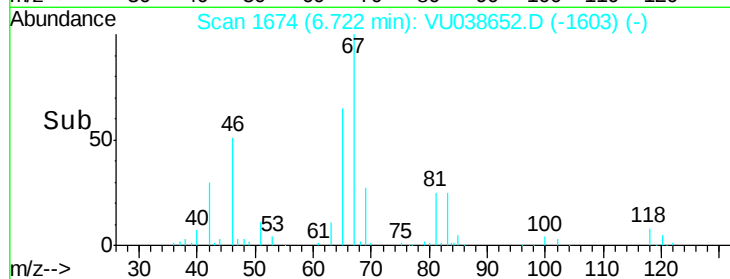
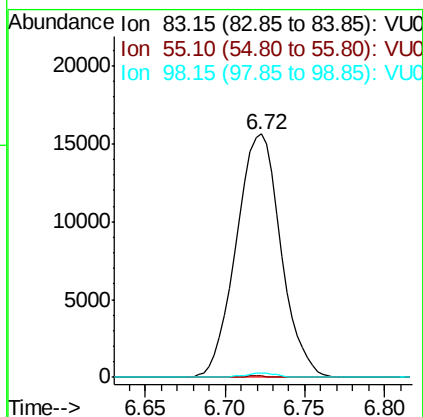
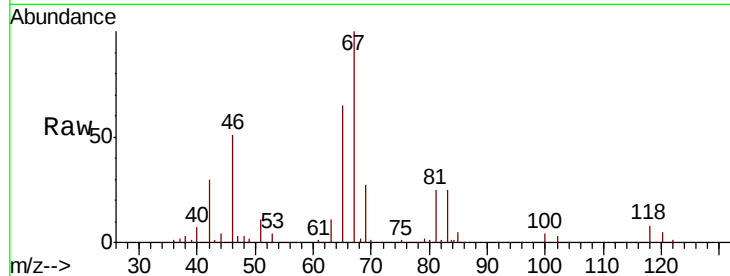




#35
Methvlcvclohexane
Concen: 0.867 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038652.D
Acq: 07 Jun 2020 05:57

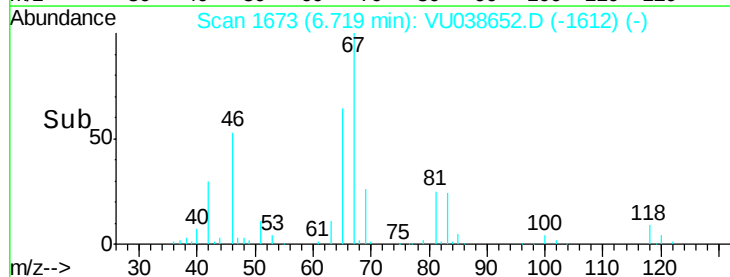
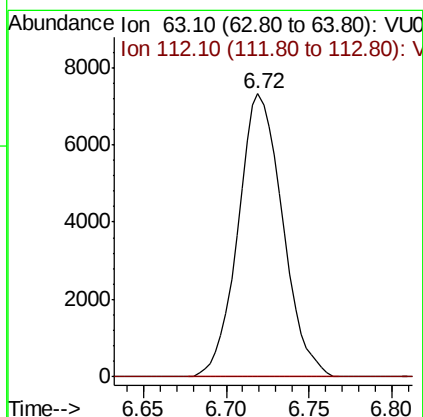
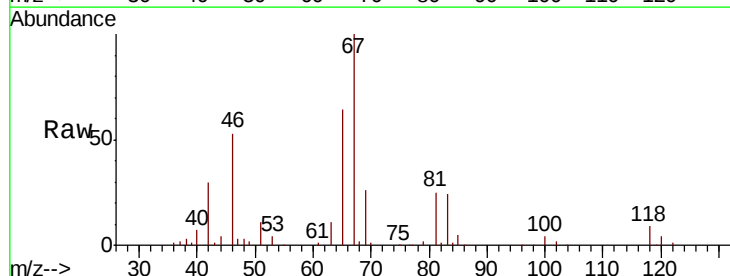
Instrument :
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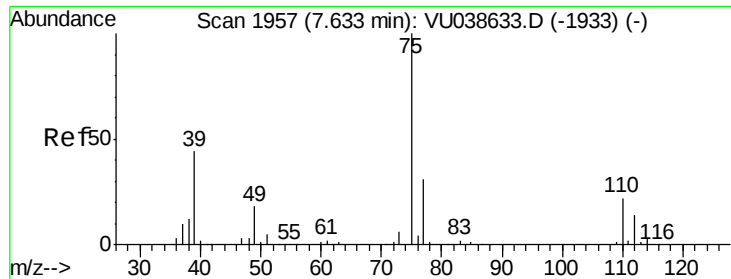
Tot Ion: 83 Resp: 29738
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.2#
98 1.2 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.637 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038652.D
Acq: 07 Jun 2020 05:57

Tgt Ion: 63 Resp: 13671
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#

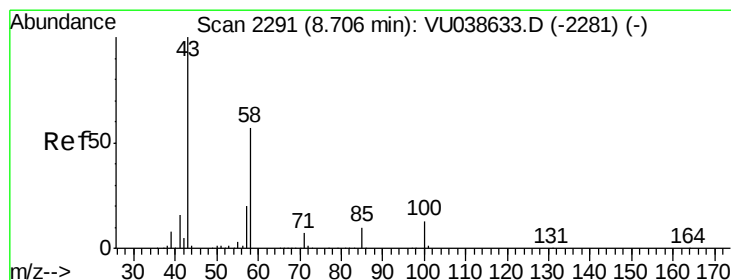
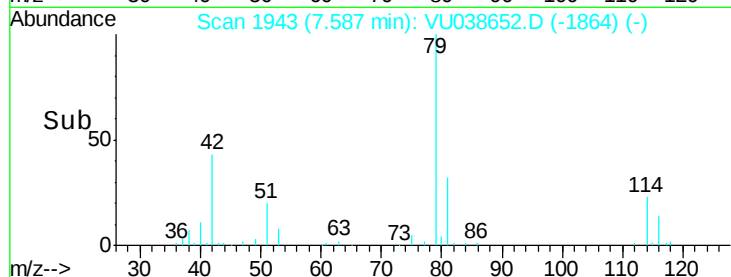
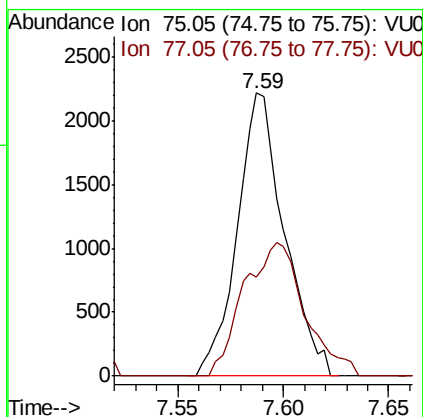
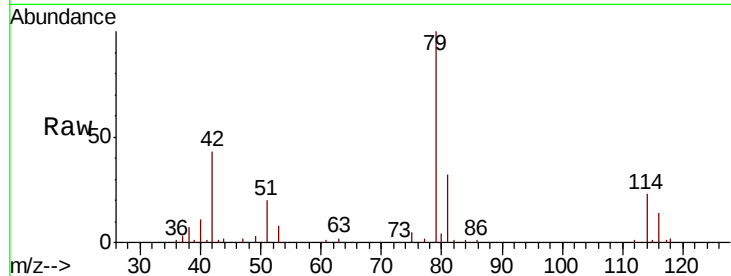




#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038652.D
 Acq: 07 Jun 2020 05:57

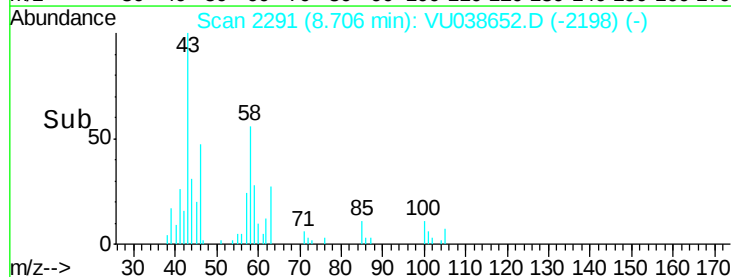
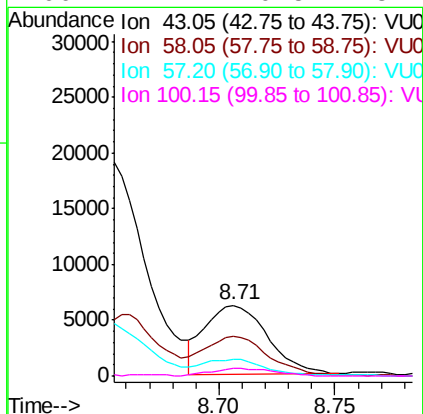
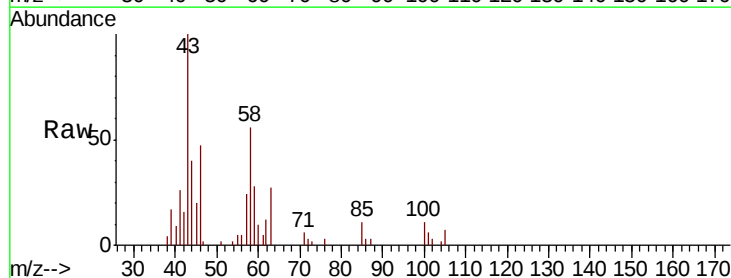
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D46

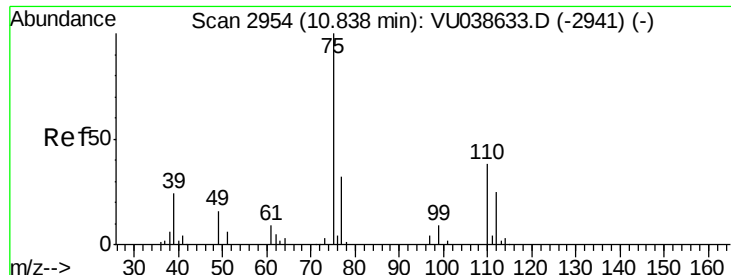
Tot Ion: 75 Resp: 3435
 Ion Ratio Lower Upper
 75 100
 77 35.0 21.9 40.7



#48
 2-Hexanone
 Concen: 1.004 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038652.D
 Acq: 07 Jun 2020 05:57

Tgt Ion: 43 Resp: 11675
 Ion Ratio Lower Upper
 43 100
 58 61.6 45.4 68.0
 57 21.7 15.9 23.9
 100 11.4 10.5 15.7





#59

1,2,3-Trichloropropane

Concen: 1.147 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038652.D

Acq: 07 Jun 2020 05:57

Instrument :

MSVOA_U

ClientSampleId :

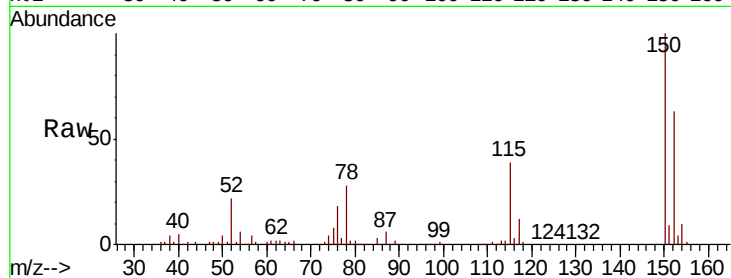
F9D46

Tot Ion: 75 Resp: 18378

Ion Ratio Lower Upper

75 100

77 38.1 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

