

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038423.D
 Acq On : 30 May 2020 19:06
 Operator : JC/MD
 Sample : L2787-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 01 02:41:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 02:37:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	316405	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	311378	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	153229	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	103280	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.93	69	85431	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.59	63	149099	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.67	46	352670	56.69	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.38%
24) Chloroform-d	5.10	84	200294	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.74	65	119850	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.76	84	413937	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.72	67	124423	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.92	98	344493	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	8.20	79	52009	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	8.65	63	300830	59.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	106812	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	140881	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

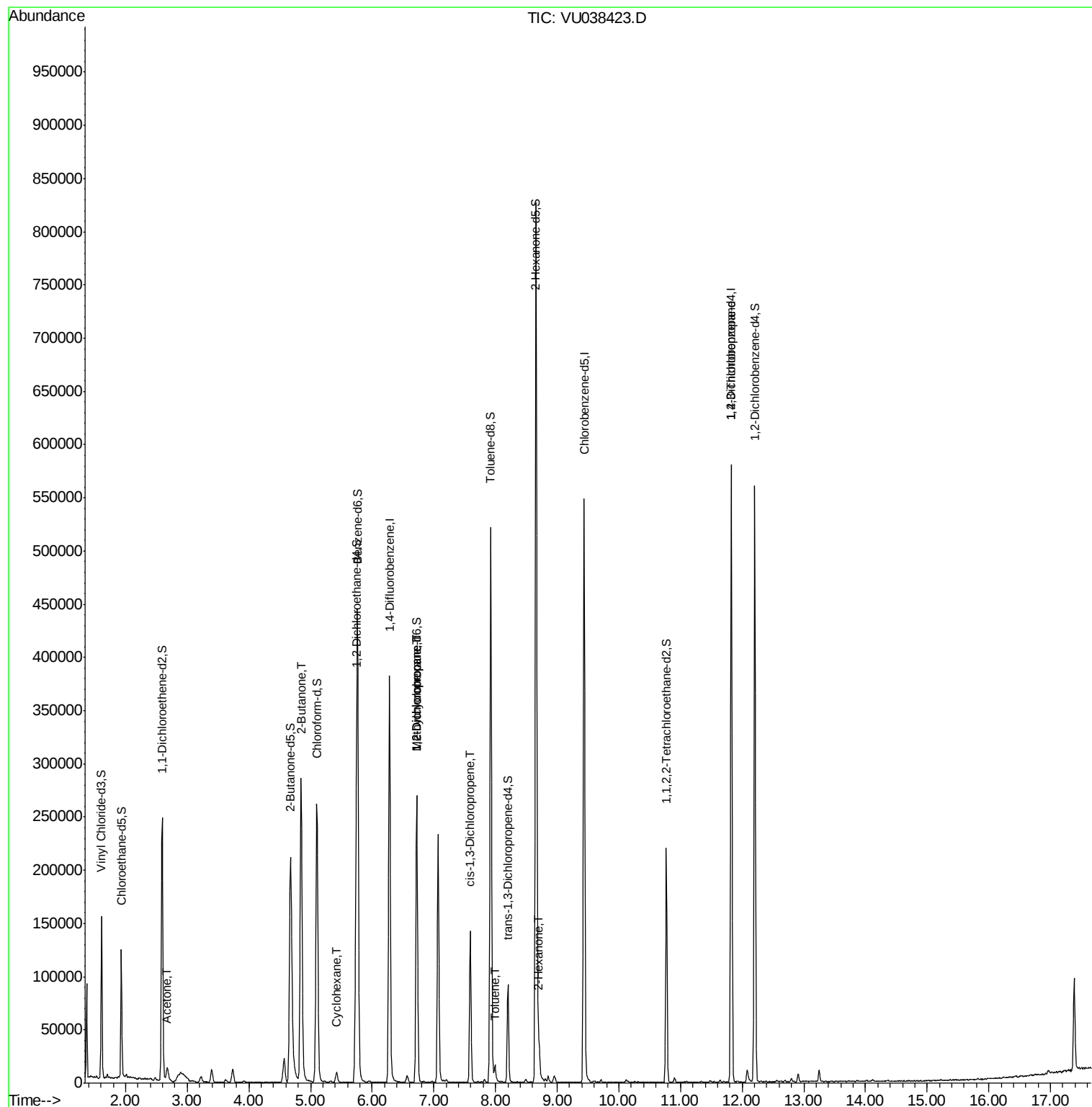
					Ovalue
13) Acetone	2.67	43	22529	5.534	ug/L 98
21) 2-Butanone	4.84	43	386165	56.394	ug/L # 51
30) Cyclohexane	5.42	56	4163	0.120	ug/L 86
35) Methylcyclohexane	6.72	83	30413	0.872	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	13315	0.609	ug/L # 86
39) cis-1,3-Dichloropropene	7.59	75	3594	0.111	ug/L # 81
42) Toluene	7.99	91	8004	0.088	ug/L 96
48) 2-Hexanone	8.71	43	15999	1.352	ug/L # 96
59) 1,2,3-Trichloropropane	11.82	75	19373	1.188	ug/L # 86

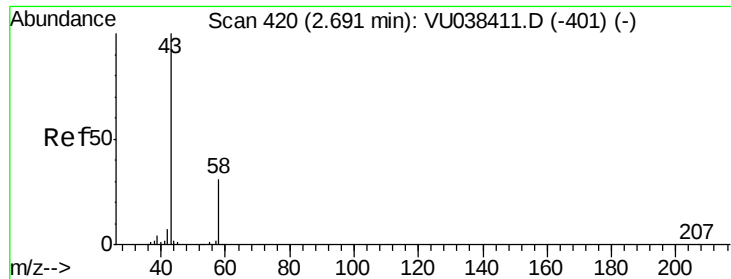
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 02:37:32 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.534 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.02 min

Lab File: VU038423.D

Acq: 30 May 2020 19:06

Instrument :

MSVOA_U

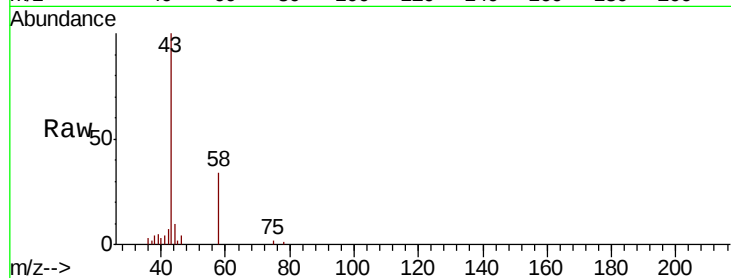
ClientSampleId :

Tot Ion: 43 Resp: 22529

Ion Ratio Lower Upper

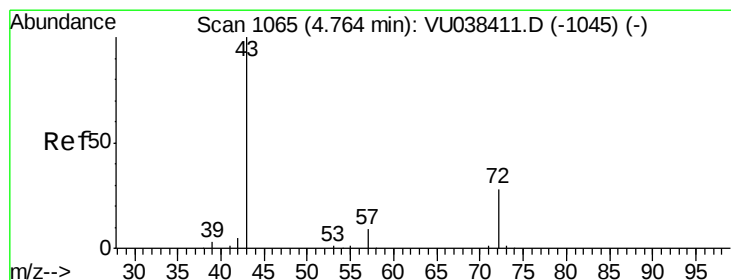
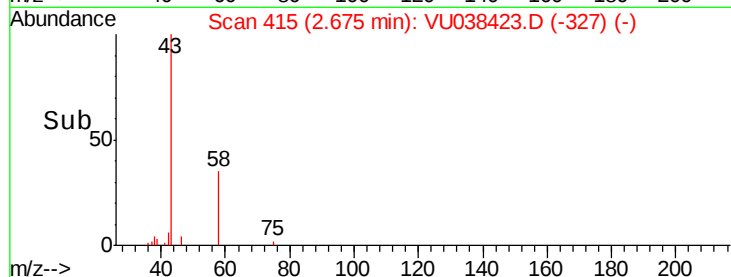
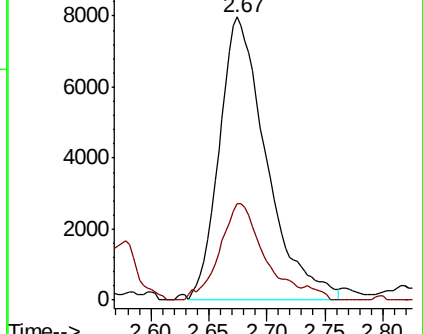
43 100

58 31.6 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038411.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038411.D (-401) (-)



#21

2-Butanone

Concen: 56.394 ug/L

RT: 4.84 min Scan# 1090

Delta R.T. 0.08 min

Lab File: VU038423.D

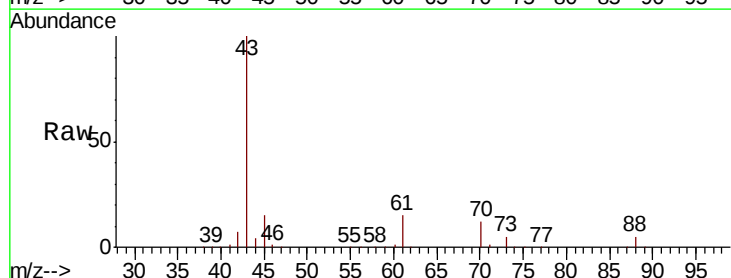
Acq: 30 May 2020 19:06

Tgt Ion: 43 Resp: 386165

Ion Ratio Lower Upper

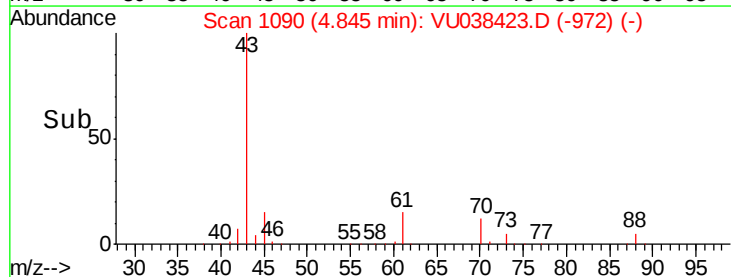
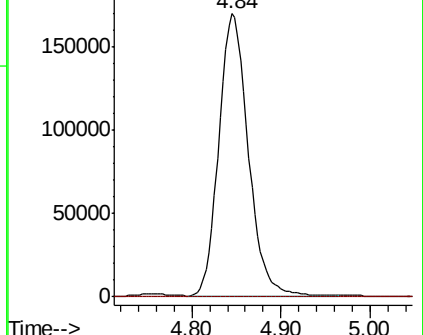
43 100

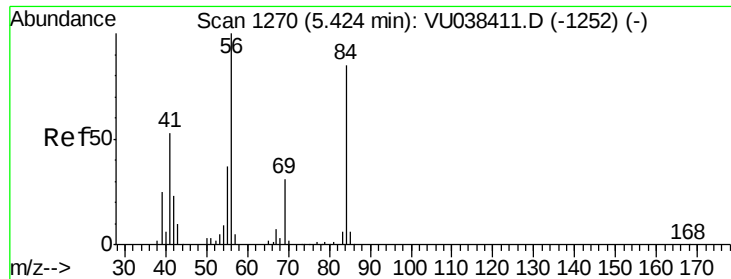
72 0.4 12.6 37.8#



Abundance Ion 43.05 (42.75 to 43.75): VU038411.D (-1045) (-)

Ion 72.10 (71.80 to 72.80): VU038411.D (-1045) (-)

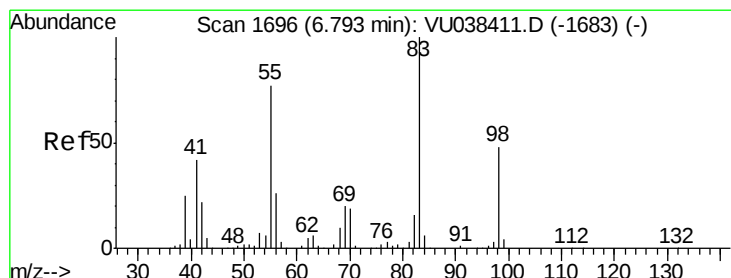
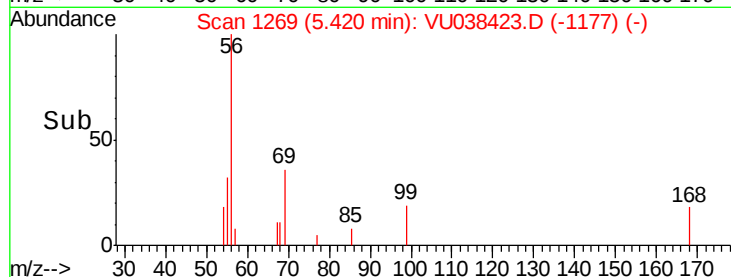
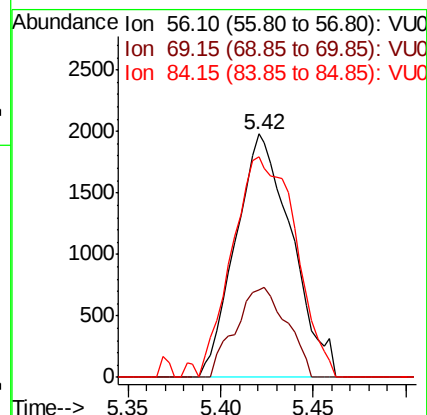
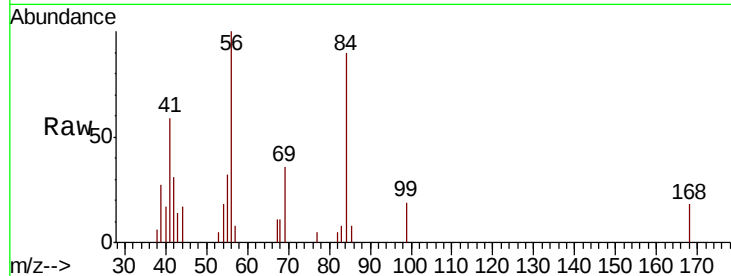




#30
Cyclohexane
Concen: 0.120 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038423.D
Acq: 30 May 2020 19:06

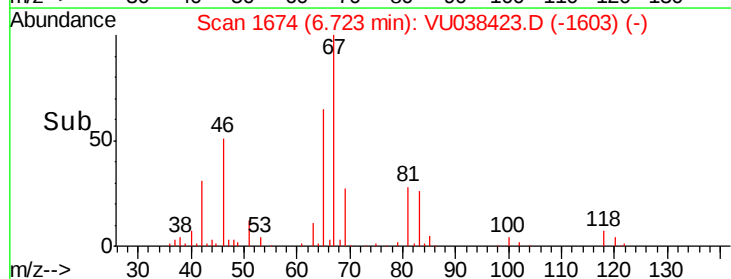
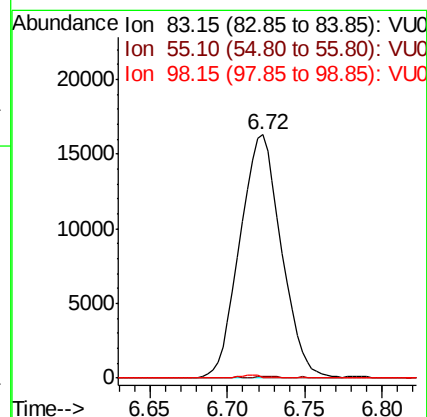
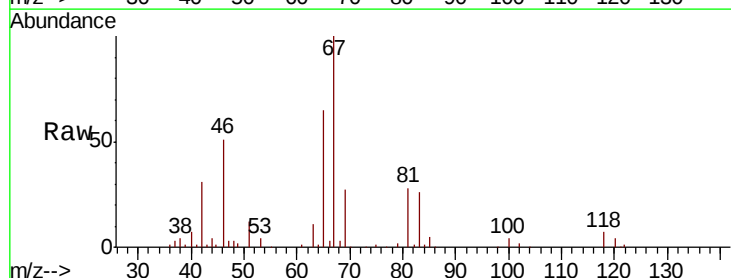
Instrument :
MSVOA_U
ClientSampled :

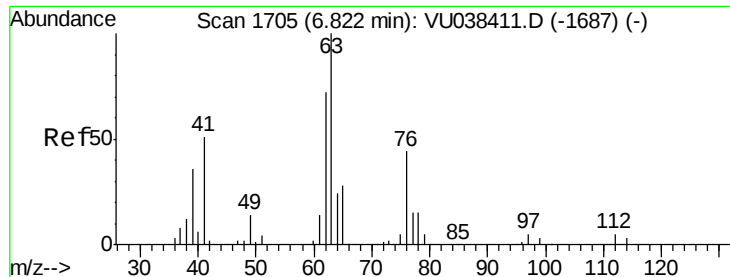
Tot Ion: 56 Resp: 4163
Ion Ratio Lower Upper
56 100
69 33.7 24.2 36.4
84 103.8 70.8 106.2



#35
Methylcyclohexane
Concen: 0.872 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038423.D
Acq: 30 May 2020 19:06

Tgt Ion: 83 Resp: 30413
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.2#
98 0.6 39.0 58.4#

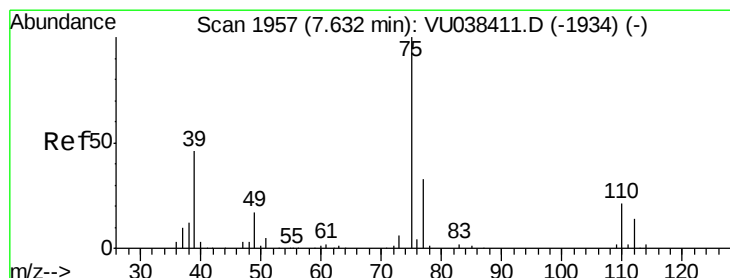
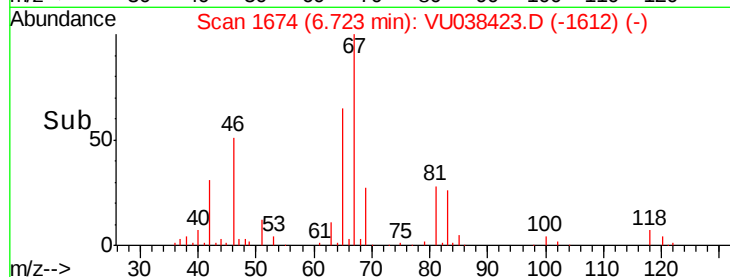
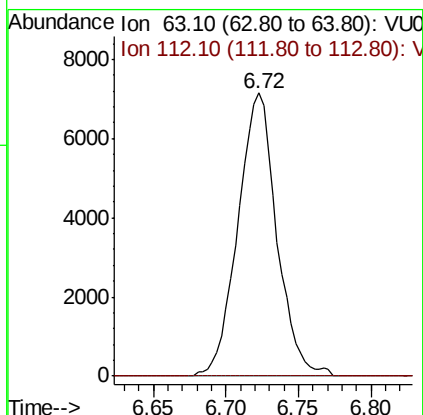
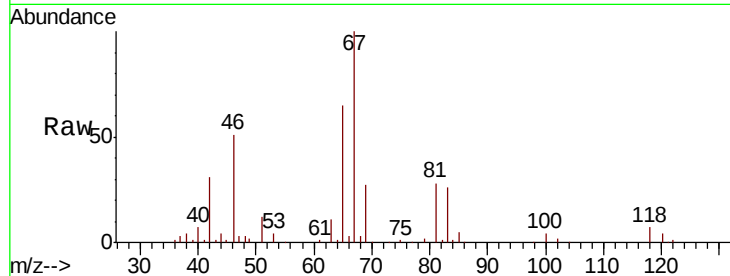




#37
 1,2-Dichloropropane
 Concen: 0.609 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038423.D
 Acq: 30 May 2020 19:06

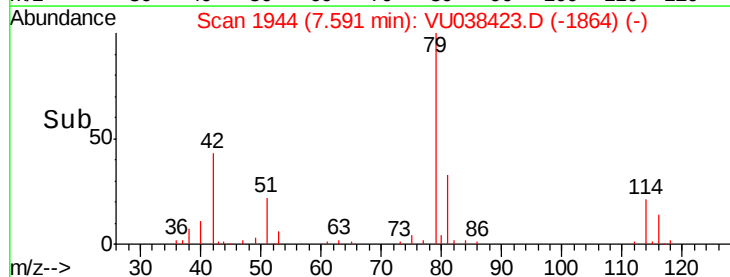
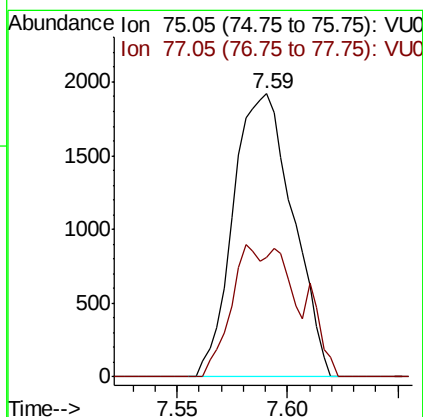
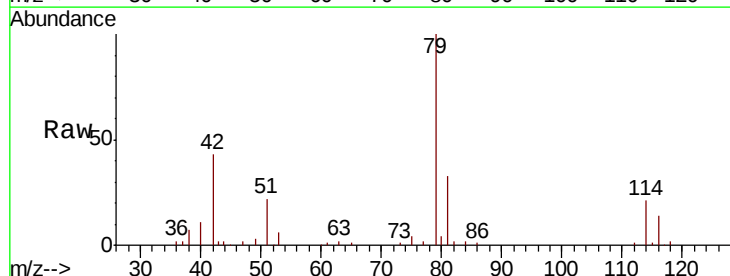
Instrument :
 MSVOA_U
 ClientSampleId :

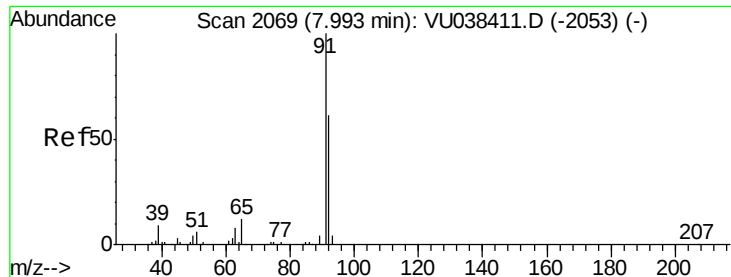
Tot Ion: 63 Resp: 13315
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038423.D
 Acq: 30 May 2020 19:06

Tgt Ion: 75 Resp: 3594
 Ion Ratio Lower Upper
 75 100
 77 42.1 21.9 40.7#





#42

Toluene

Concen: 0.088 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038423.D

Acq: 30 May 2020 19:06

Instrument :

MSVOA_U

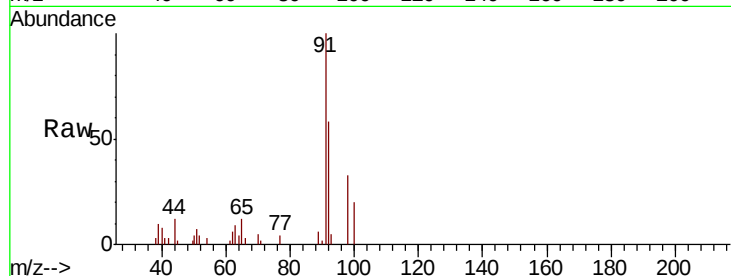
ClientSampleId :

Tot Ion: 91 Resp: 8004

Ion Ratio Lower Upper

91 100

92 58.5 43.0 79.8

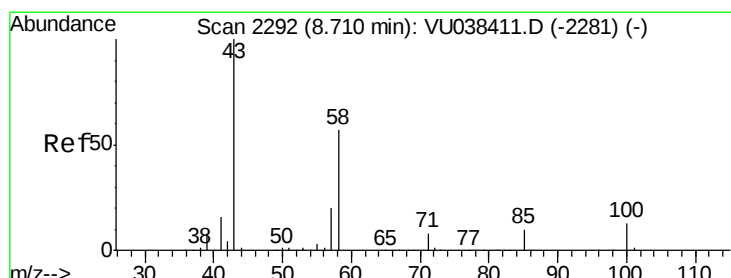
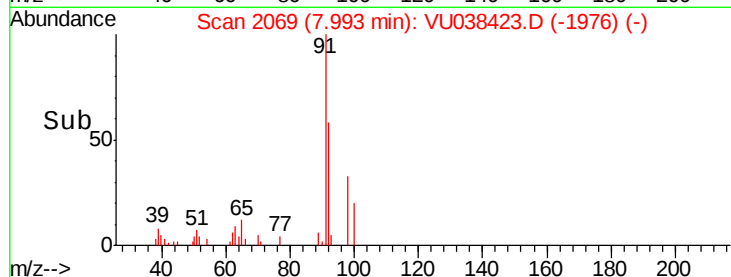


Abundance Ion 91.15 (90.85 to 91.85): VU038411.D (-2053) (-)

Ion 92.15 (91.85 to 92.85): VU038411.D (-2053) (-)

7.99

Time-->



#48

2-Hexanone

Concen: 1.352 ug/L

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU038423.D

Acq: 30 May 2020 19:06

Tgt Ion: 43 Resp: 15999

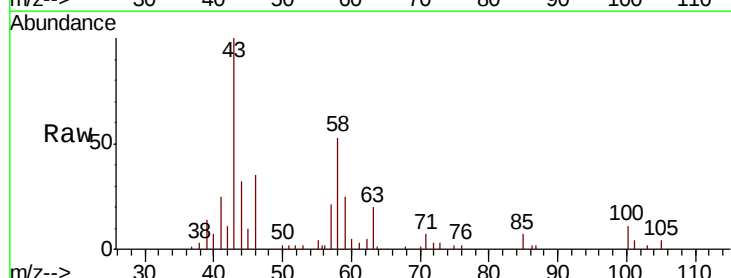
Ion Ratio Lower Upper

43 100

58 54.0 45.4 68.0

57 20.4 15.9 23.9

100 9.5 10.5 15.7#



Abundance Ion 43.05 (42.75 to 43.75): VU038411.D (-2281) (-)

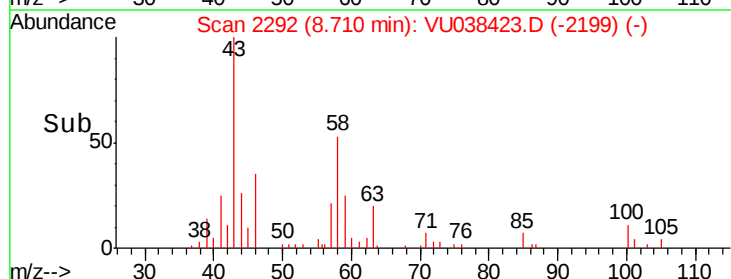
Ion 58.05 (57.75 to 58.75): VU038411.D (-2281) (-)

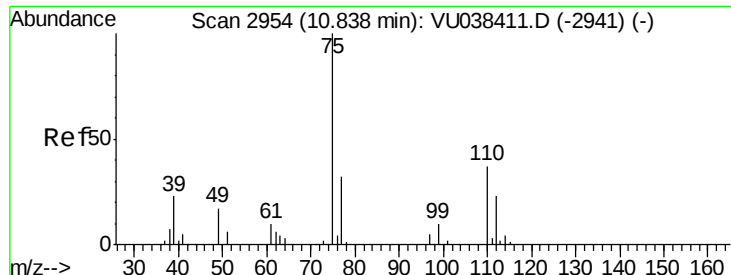
Ion 57.20 (56.90 to 57.90): VU038411.D (-2281) (-)

Ion 100.15 (99.85 to 100.85): VU038411.D (-2281) (-)

8.71

Time-->





#59
 1,2,3-Trichloropropane
 Concen: 1.188 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038423.D
 Acq: 30 May 2020 19:06

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 19373
 Ion Ratio Lower Upper
 75 100
 77 39.3 25.4 38.2#

