

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061820\
 Data File : VU038972.D
 Acq On : 18 Jun 2020 16:04
 Operator : SY/MD
 Sample : L3058-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L33

Quant Time: Jun 19 01:20:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 19 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	261042	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	324108	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	127482	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	76421	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.93	69	73600	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.59	63	137663	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.69	46	277333	47.82	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.64%
24) Chloroform-d	5.10	84	182252	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.74	65	106684	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.76	84	345054	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
36) 1,2-Dichloropropane-d6	6.72	67	109419	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.60%
41) Toluene-d8	7.92	98	275236	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.40%
43) trans-1,3-Dichloropropene-	8.20	79	41153	3.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.60%
46) 2-Hexanone-d5	8.66	63	285625	45.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105101	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	123627	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

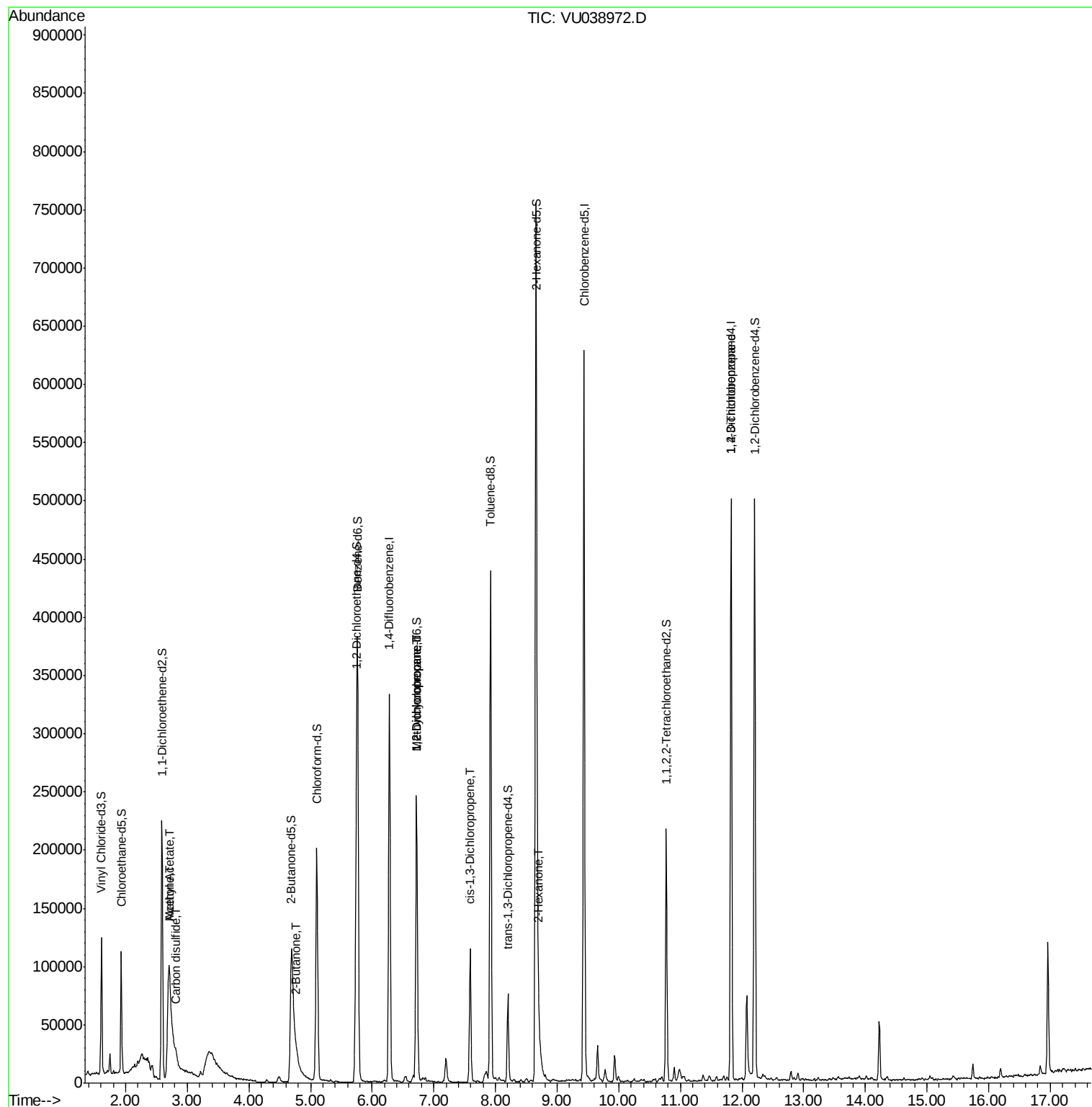
					Ovalue
13) Acetone	2.70	43	359958	91.072 ug/L	91
14) Carbon disulfide	2.82	76	6250	0.101 ug/L	99
15) Methyl Acetate	2.70	43	235196	24.332 ug/L #	47
21) 2-Butanone	4.77	43	11719	1.874 ug/L	79
35) Methylcyclohexane	6.72	83	26215	0.673 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12563	0.497 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3018	0.081 ug/L #	59
48) 2-Hexanone	8.70	43	18479	1.400 ug/L #	81
59) 1,2,3-Trichloropropane	11.82	75	16728	0.858 ug/L #	88

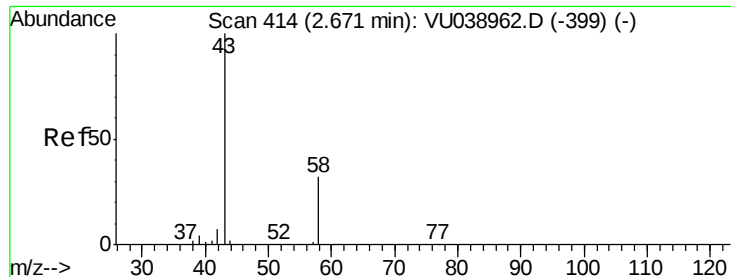
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 91.072 ug/L

RT: 2.70 min Scan# 424

Delta R.T. 0.03 min

Lab File: VU038972.D

Acq: 18 Jun 2020 16:04

Instrument :

MSVOA_U

ClientSampleId :

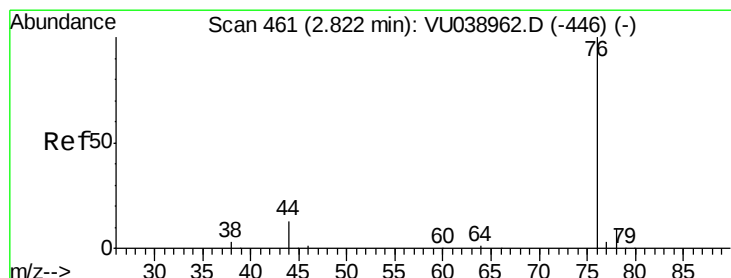
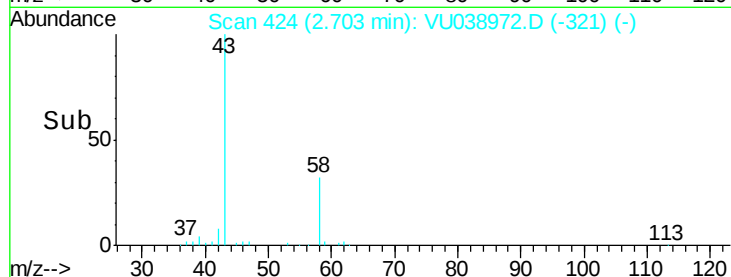
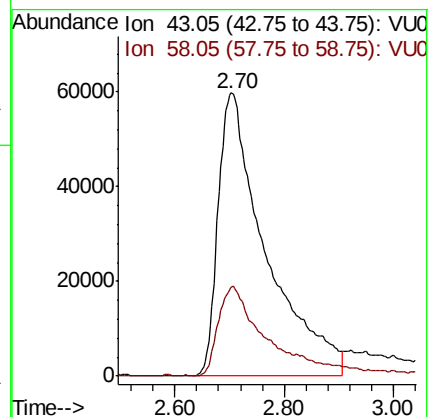
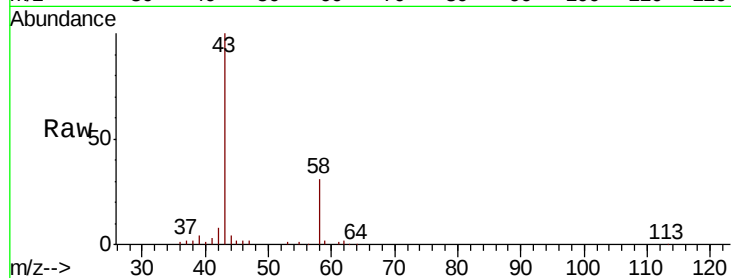
F9L33

Tot Ion: 43 Resp: 359958

Ion Ratio Lower Upper

43 100

58 27.5 0.0 65.0



#14

Carbon disulfide

Concen: 0.101 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU038972.D

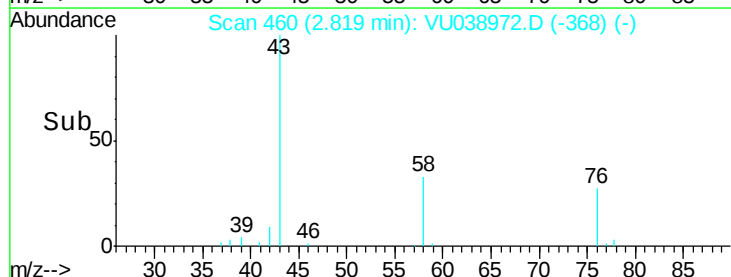
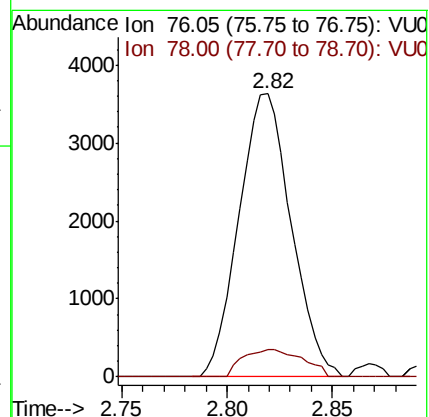
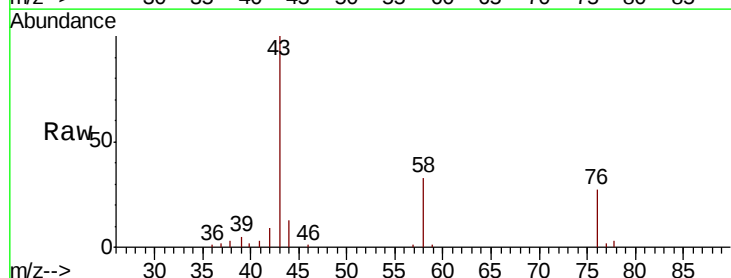
Acq: 18 Jun 2020 16:04

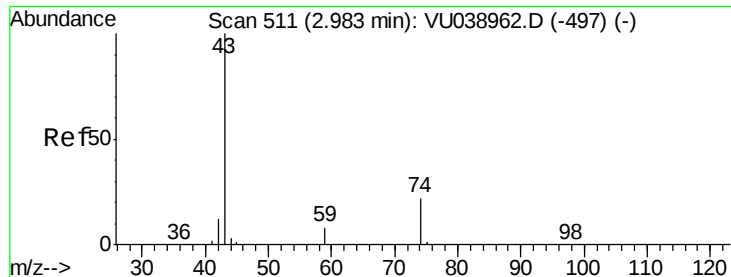
Tgt Ion: 76 Resp: 6250

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0

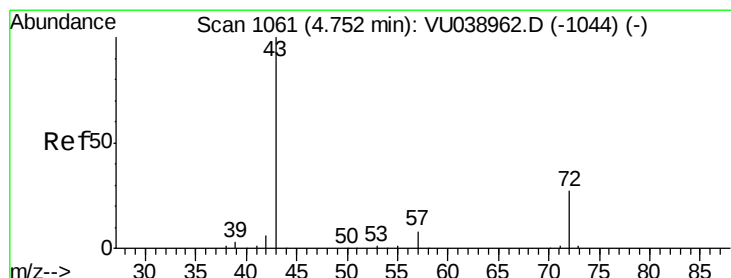
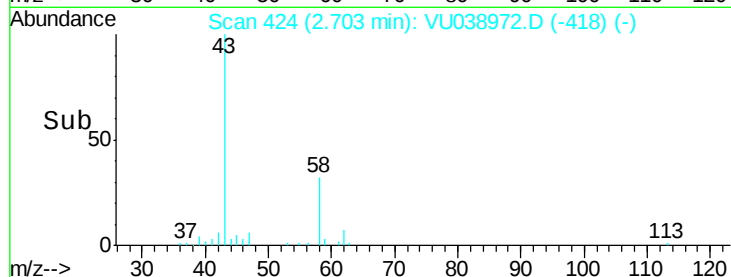
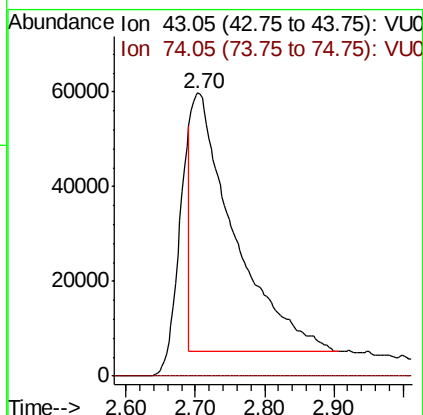
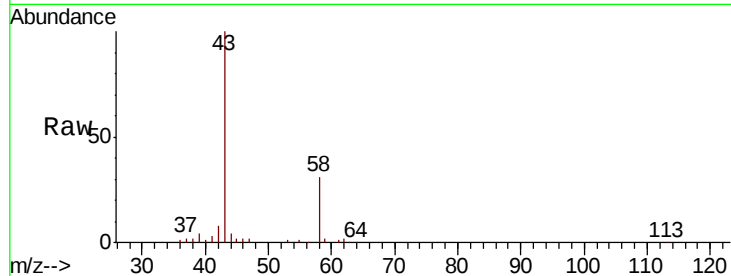




#15
Methyl Acetate
Concen: 24.332 ug/L
RT: 2.70 min Scan# 424
Delta R.T. -0.28 min
Lab File: VU038972.D
Acq: 18 Jun 2020 16:04

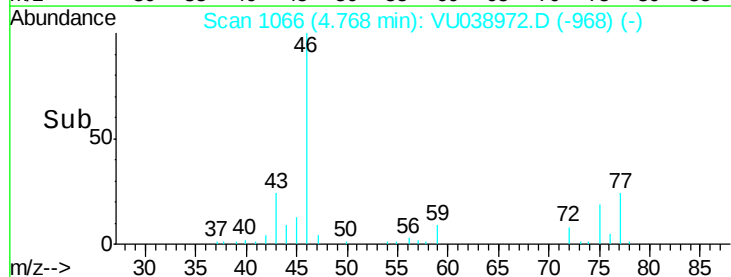
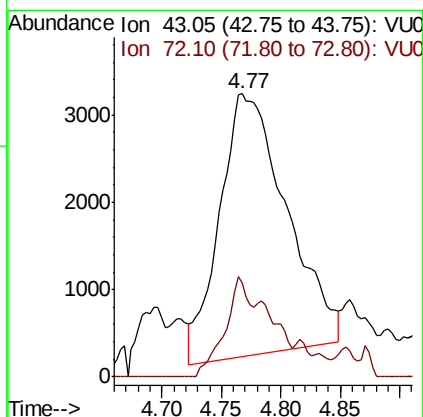
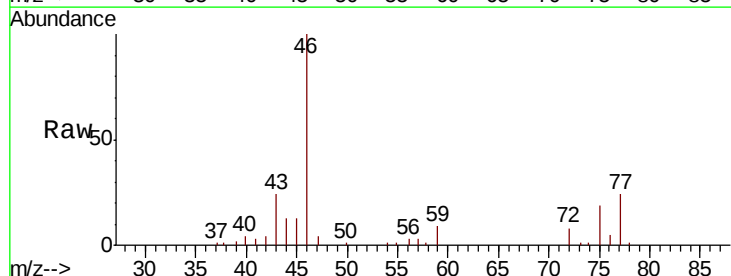
Instrument :
MSVOA_U
ClientSampleId :
F9L33

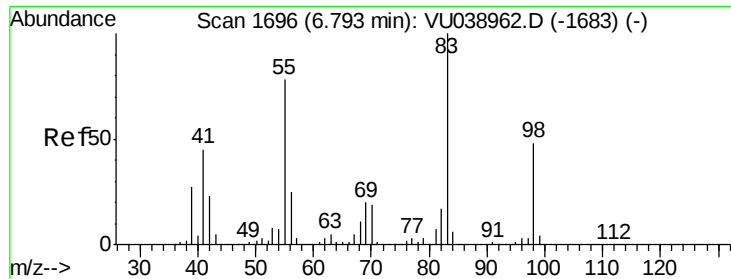
Tot Ion: 43 Resp: 235196
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#21
2-Butanone
Concen: 1.874 ug/L
RT: 4.77 min Scan# 1066
Delta R.T. 0.02 min
Lab File: VU038972.D
Acq: 18 Jun 2020 16:04

Tgt Ion: 43 Resp: 11719
Ion Ratio Lower Upper
43 100
72 14.6 12.5 37.5

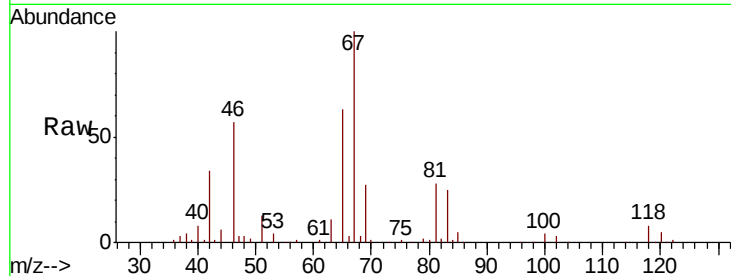




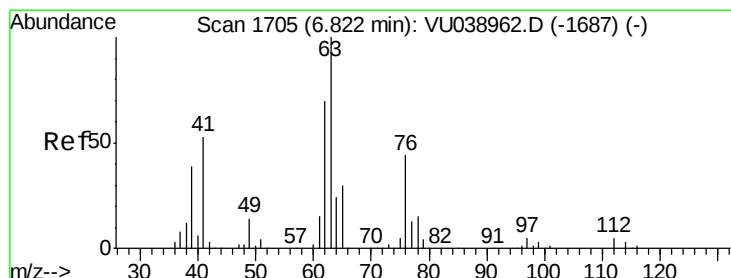
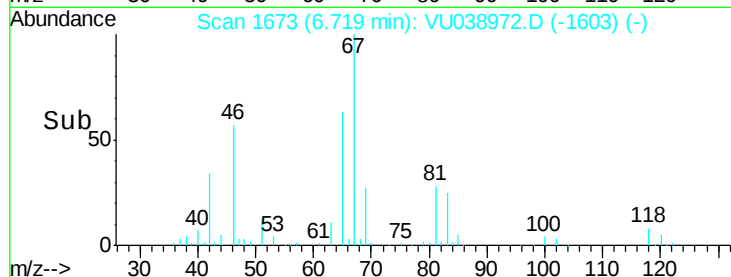
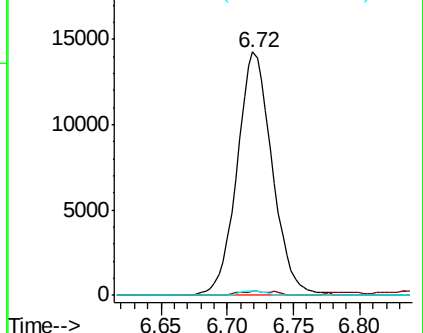
#35
Methvlcvclohexane
Concen: 0.673 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038972.D
Acq: 18 Jun 2020 16:04

Instrument :
MSVOA_U
ClientSampleId :
F9L33

Tot Ion: 83 Resp: 26215
Ion Ratio Lower Upper
83 100
55 1.2 61.8 92.8#
98 1.4 39.3 58.9#

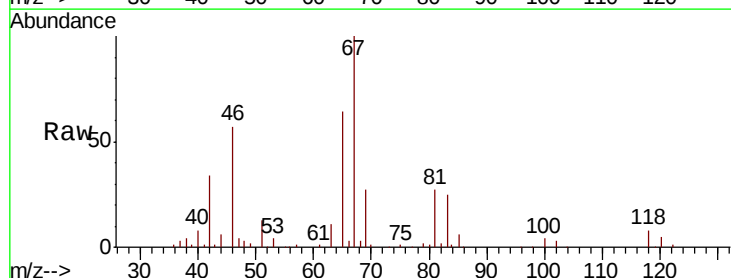


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

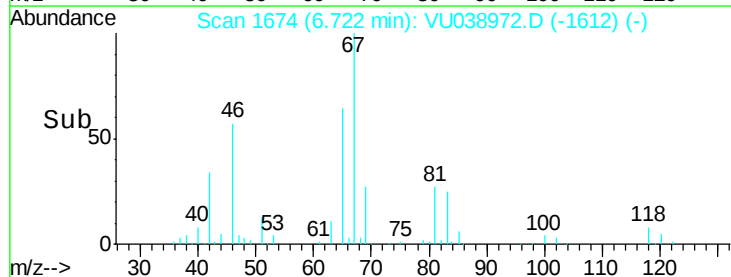
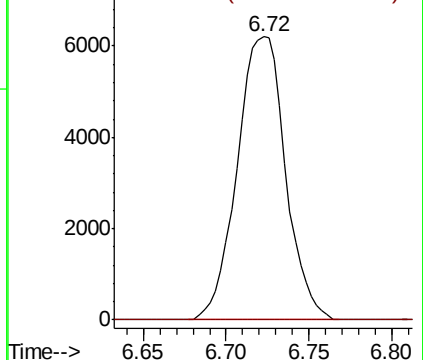


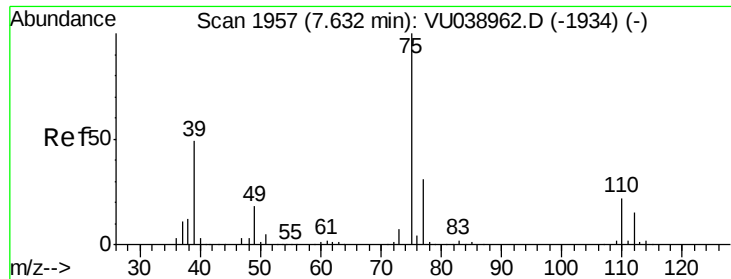
#37
1,2-Dichloropropane
Concen: 0.497 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038972.D
Acq: 18 Jun 2020 16:04

Tgt Ion: 63 Resp: 12563
Ion Ratio Lower Upper
63 100
112 0.7 3.9 5.9#



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

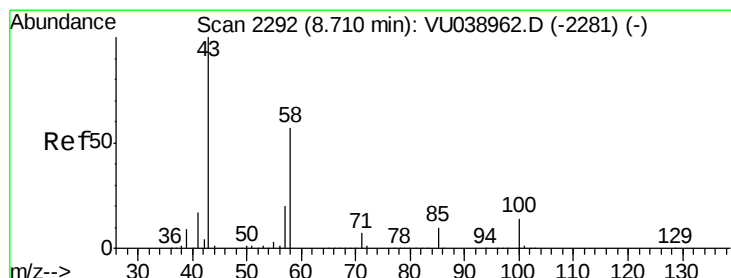
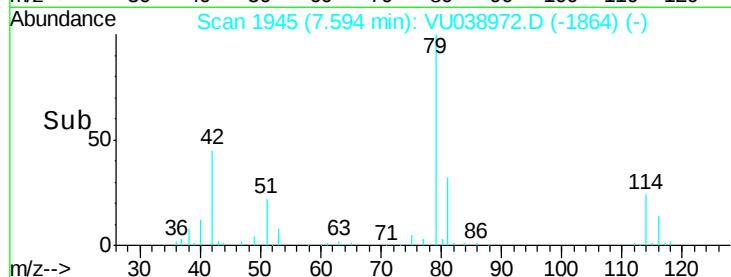
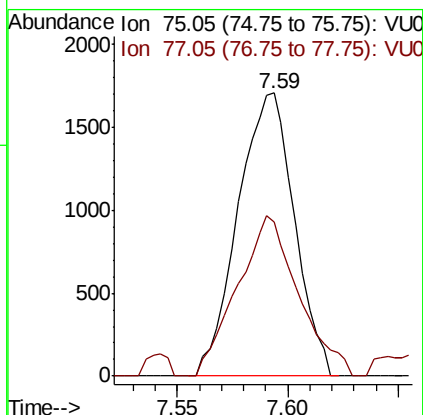
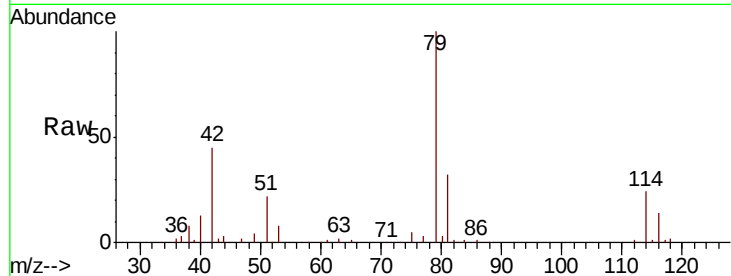




#39
 cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038972.D
 Acq: 18 Jun 2020 16:04

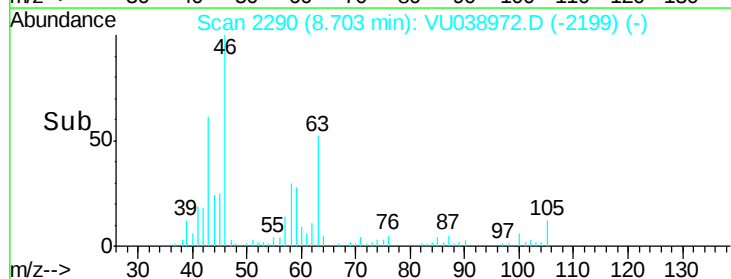
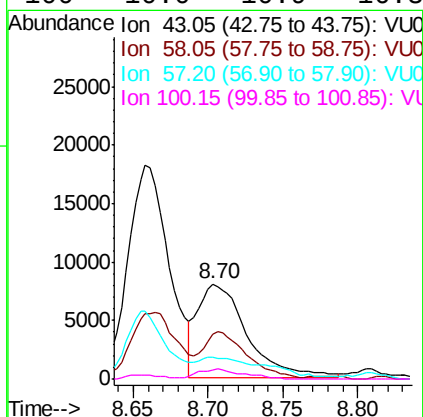
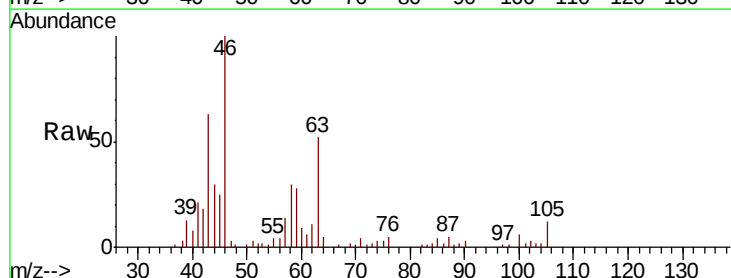
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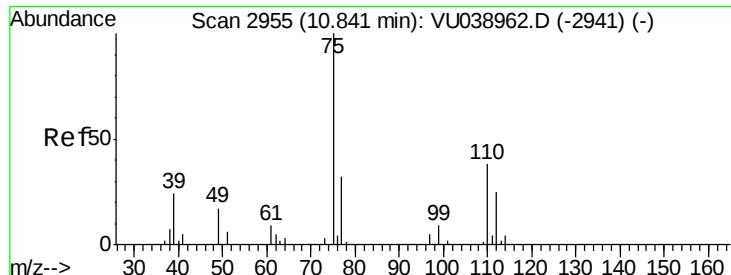
Tot Ion: 75 Resp: 3018
 Ion Ratio Lower Upper
 75 100
 77 54.6 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.400 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: VU038972.D
 Acq: 18 Jun 2020 16:04

Tgt Ion: 43 Resp: 18479
 Ion Ratio Lower Upper
 43 100
 58 42.4 45.2 67.8#
 57 31.6 16.1 24.1#
 100 10.0 10.9 16.3#





#59

1,2,3-Trichloropropane

Concen: 0.858 ug/L

RT: 11.82 min Scan# 3259

Delta R.T. 0.98 min

Lab File: VU038972.D

Acq: 18 Jun 2020 16:04

Instrument :

MSVOA_U

ClientSampleId :

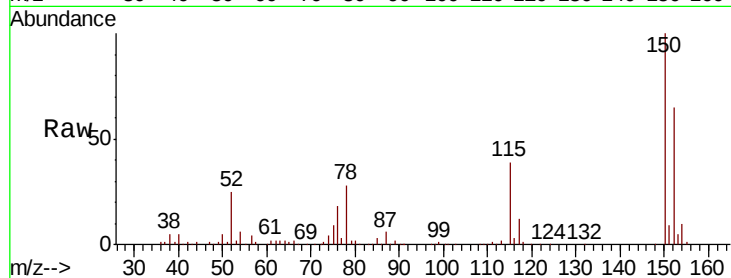
F9L33

Tot Ion: 75 Resp: 16728

Ion Ratio Lower Upper

75 100

77 38.3 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

