

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
 Data File : VU038471.D
 Acq On : 01 Jun 2020 15:19
 Operator : JC/MD
 Sample : L2789-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 02 05:29:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 05:25:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	293928	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	292531	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	135604	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	79028	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.93	69	73053	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.59	63	124490	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.68	46	356233	61.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.28%
24) Chloroform-d	5.10	84	194658	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	5.74	65	117507	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.80%
32) Benzene-d6	5.76	84	382689	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.72	67	120534	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.92	98	314425	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	8.20	79	48570	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.65	63	294982	61.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104774	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	131679	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

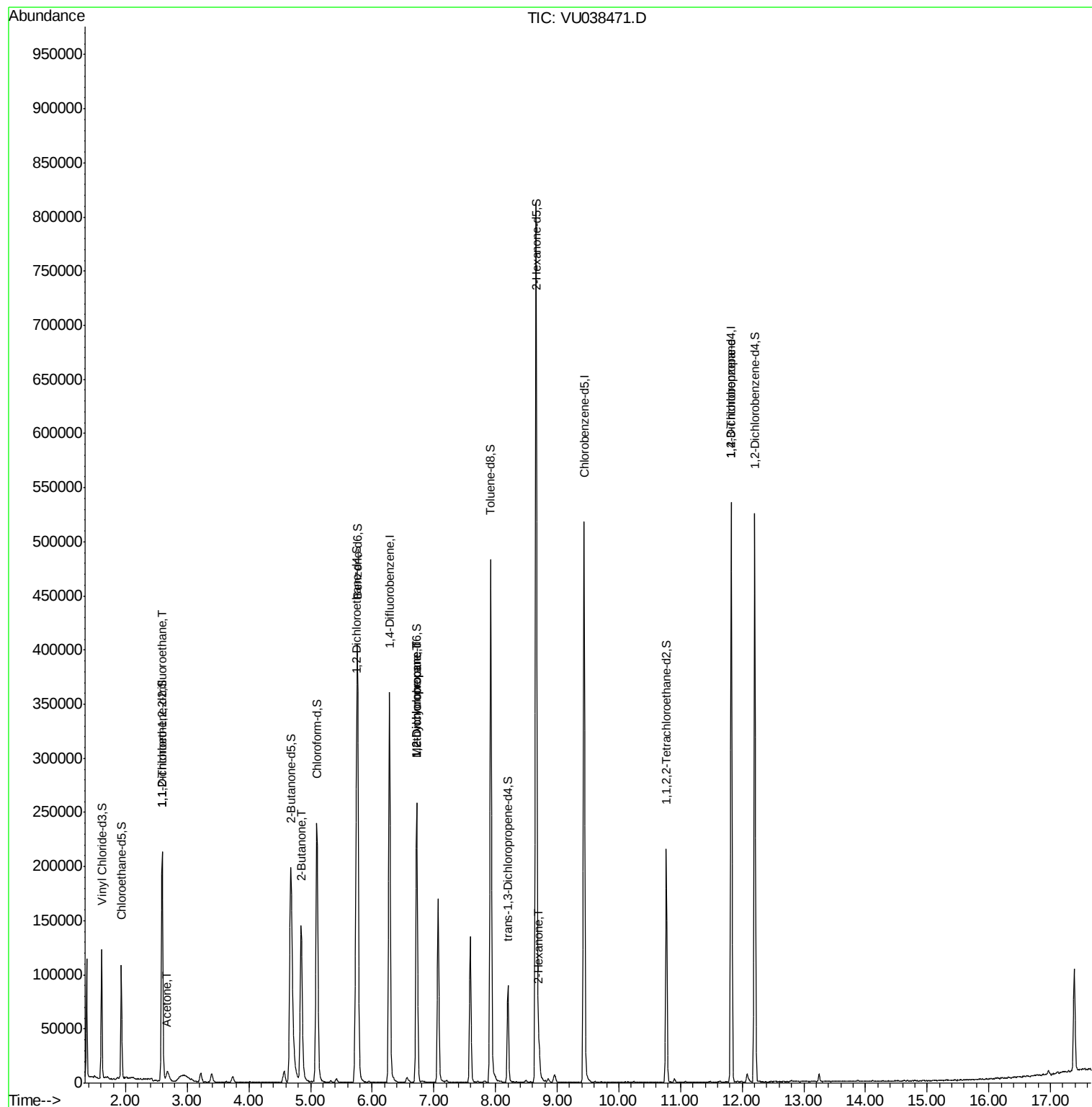
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3536	0.199	ug/L #	74
13) Acetone	2.68	43	18453	4.879	ug/L	92
21) 2-Butanone	4.85	43	206847	32.517	ug/L #	50
35) Methylcyclohexane	6.72	83	29165	0.890	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13688	0.667	ug/L #	86
48) 2-Hexanone	8.71	43	16034	1.442	ug/L	94
59) 1,2,3-Trichloropropane	11.82	75	16711	1.091	ug/L #	86

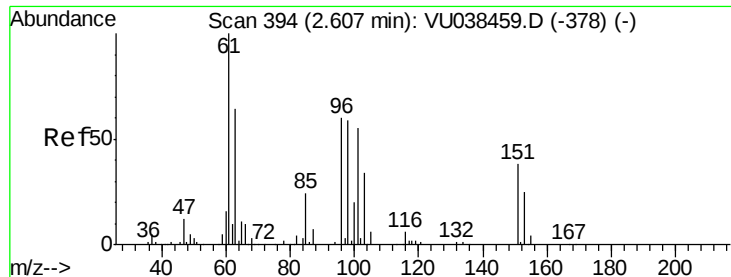
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.199 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU038471.D

Acq: 01 Jun 2020 15:19

Instrument :

MSVOA_U

ClientSampleId :

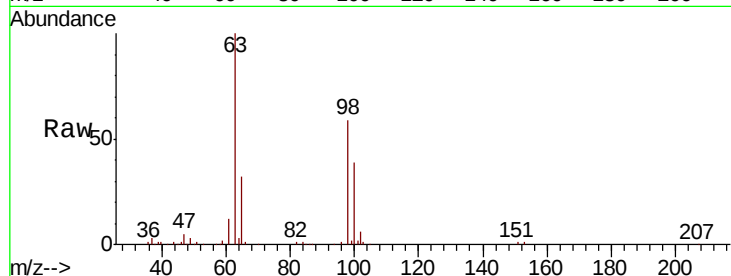
Tot Ion:101 Resp: 3536

Ion Ratio Lower Upper

101 100

85 23.6 34.0 51.0#

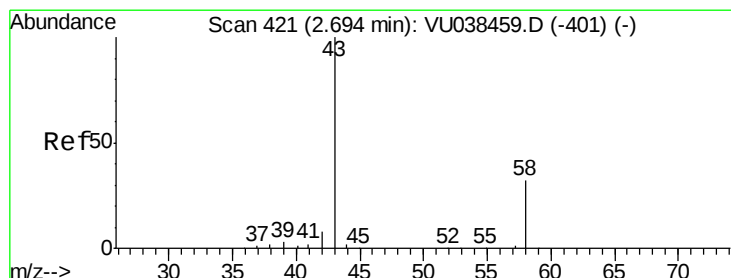
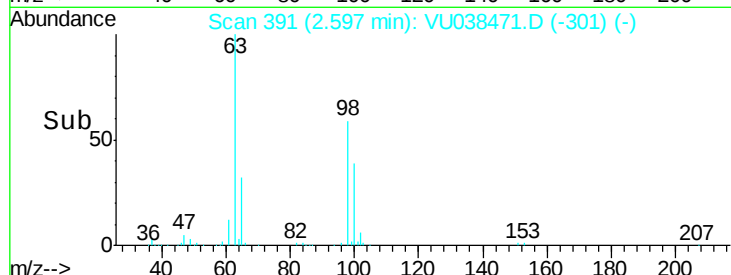
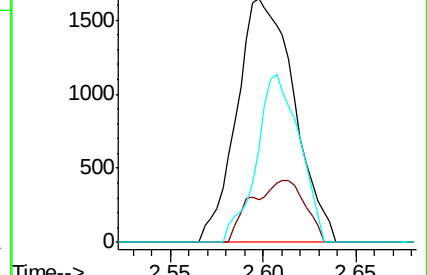
151 51.6 56.9 85.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 4.879 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.02 min

Lab File: VU038471.D

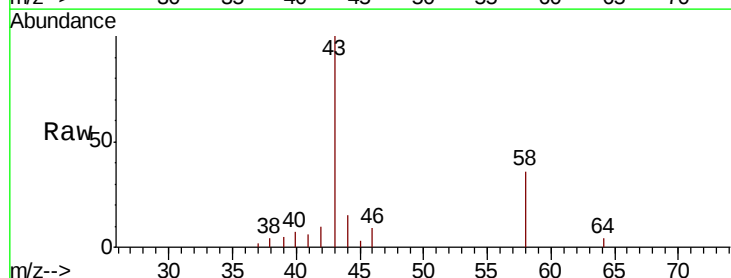
Acq: 01 Jun 2020 15:19

Tgt Ion: 43 Resp: 18453

Ion Ratio Lower Upper

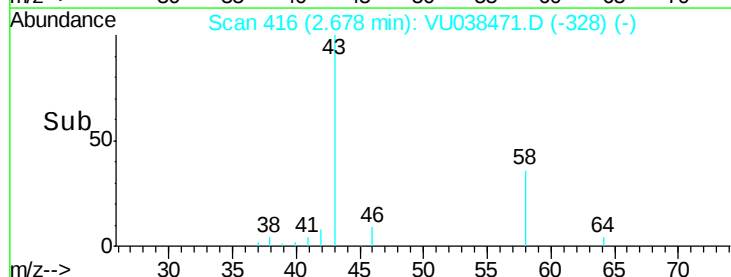
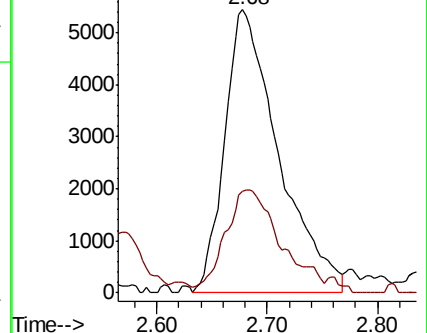
43 100

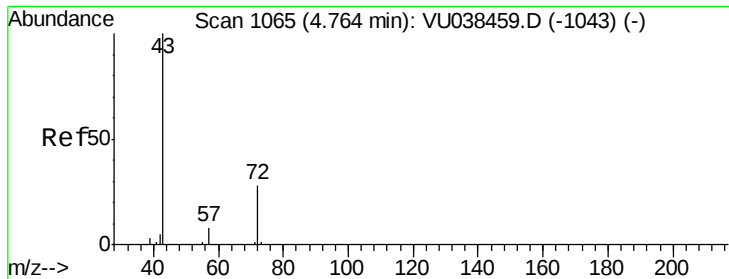
58 37.4 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#21

2-Butanone

Concen: 32.517 ug/L

RT: 4.85 min Scan# 1091

Delta R.T. 0.08 min

Lab File: VU038471.D

Acq: 01 Jun 2020 15:19

Instrument :

MSVOA_U

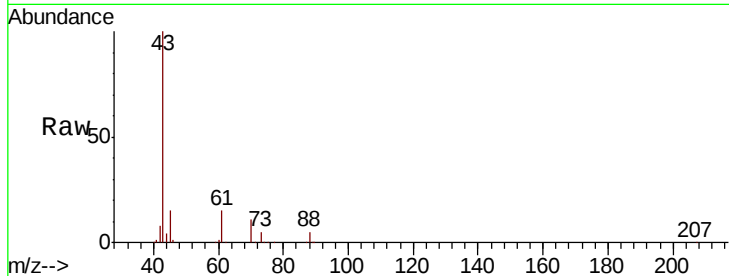
ClientSampleId :

Tot Ion: 43 Resp: 206847

Ion Ratio Lower Upper

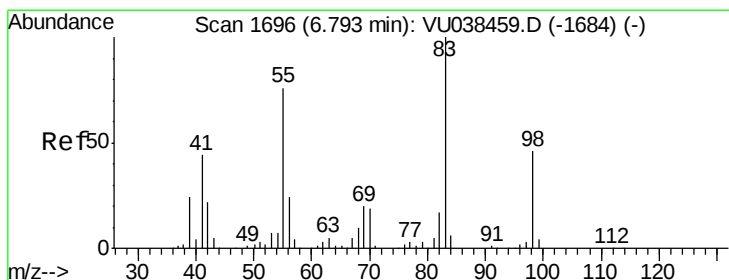
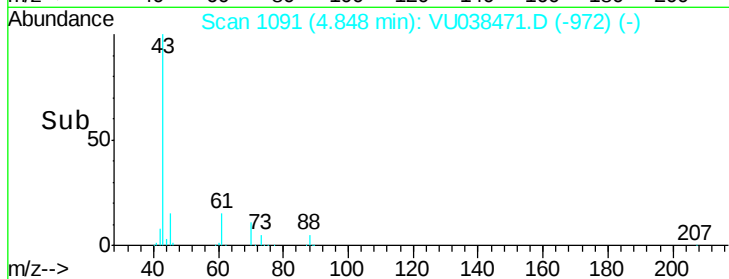
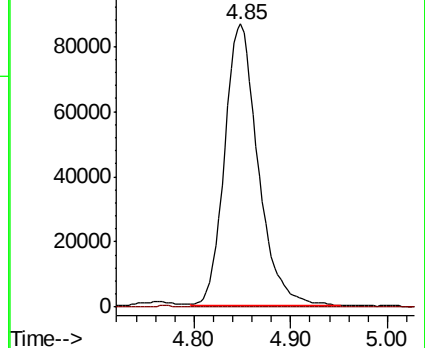
43 100

72 0.0 12.6 37.8#



Abundance Ion 43.05 (42.75 to 43.75): VU038471.D (-972) (-)

Ion 72.10 (71.80 to 72.80): VU038471.D (-972) (-)



#35

Methylcyclohexane

Concen: 0.890 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038471.D

Acq: 01 Jun 2020 15:19

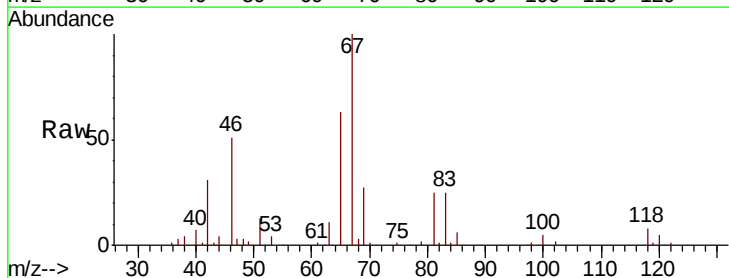
Tgt Ion: 83 Resp: 29165

Ion Ratio Lower Upper

83 100

55 0.5 63.4 95.2#

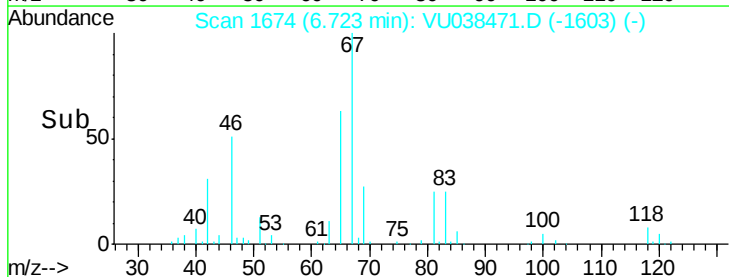
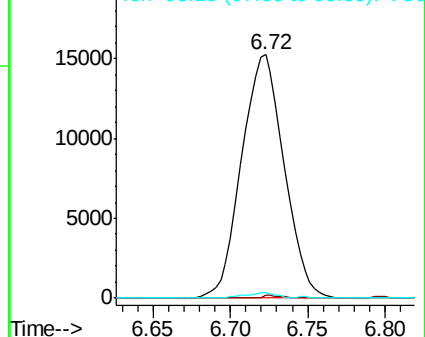
98 1.6 39.0 58.4#

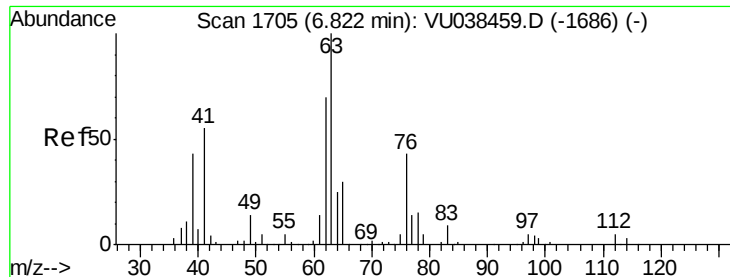


Abundance Ion 83.15 (82.85 to 83.85): VU038471.D (-1603) (-)

Ion 55.10 (54.80 to 55.80): VU038471.D (-1603) (-)

Ion 98.15 (97.85 to 98.85): VU038471.D (-1603) (-)

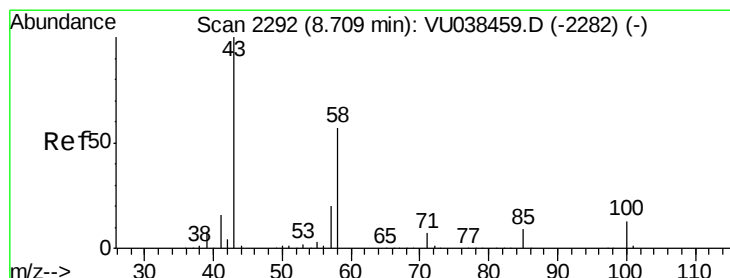
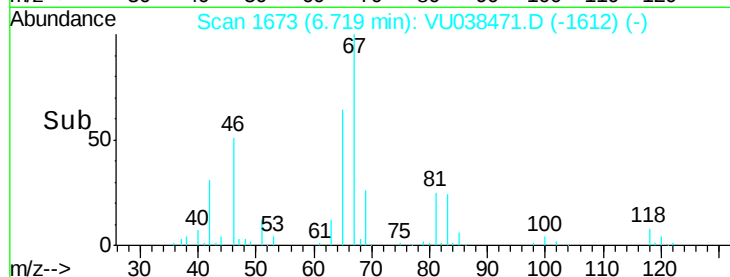
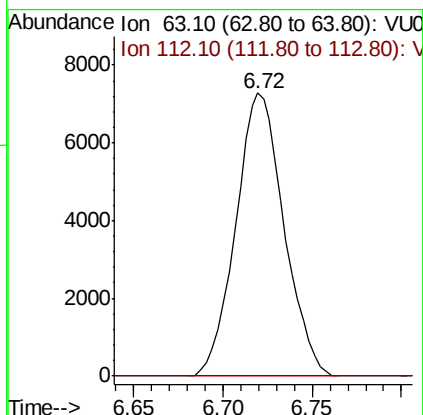
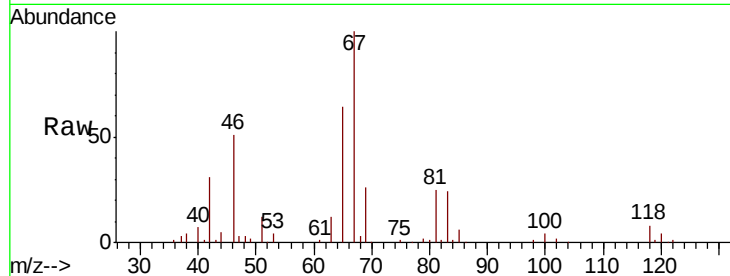




#37
 1,2-Dichloropropane
 Concen: 0.667 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038471.D
 Acq: 01 Jun 2020 15:19

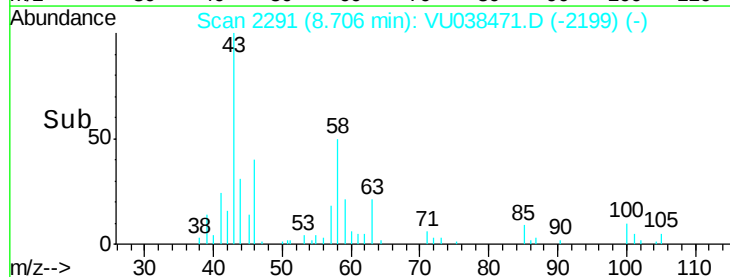
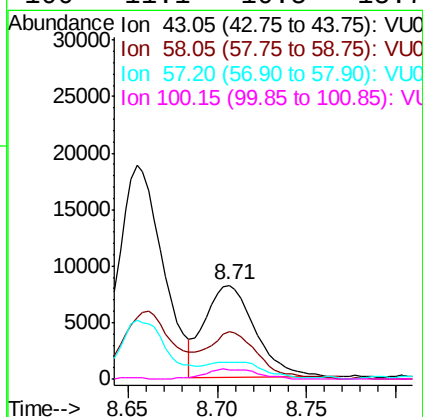
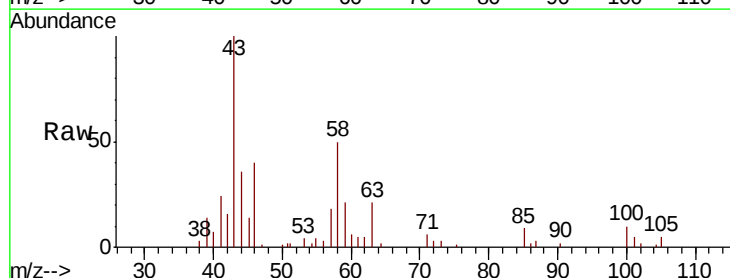
Instrument :
 MSVOA_U
 ClientSampleId :

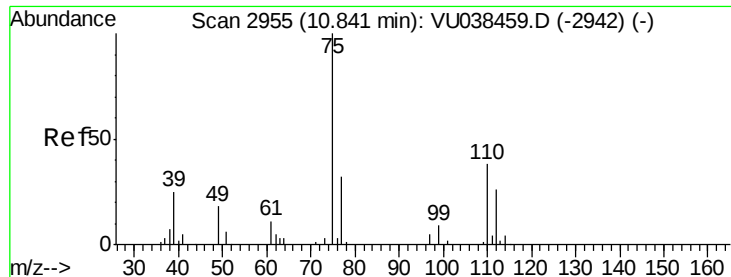
Tot Ion: 63 Resp: 13688
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#48
 2-Hexanone
 Concen: 1.442 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038471.D
 Acq: 01 Jun 2020 15:19

Tgt Ion: 43 Resp: 16034
 Ion Ratio Lower Upper
 43 100
 58 50.9 45.4 68.0
 57 18.7 15.9 23.9
 100 11.1 10.5 15.7





#59

1,2,3-Trichloropropane

Concen: 1.091 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038471.D

Acq: 01 Jun 2020 15:19

Instrument :

MSVOA_U

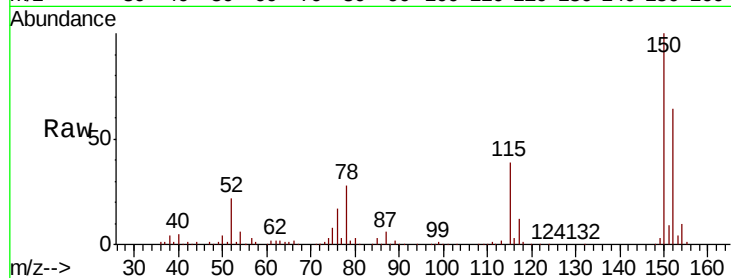
ClientSampleId :

Tot Ion: 75 Resp: 16711

Ion Ratio Lower Upper

75 100

77 39.6 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

