

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
 Data File : VU038465.D
 Acq On : 01 Jun 2020 13:01
 Operator : JC/MD
 Sample : L2789-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 02 05:28:05 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	306039	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	298514	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	139464	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82855	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.93	69	76543	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.59	63	129816	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.68	46	369731	61.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.90%
24) Chloroform-d	5.10	84	195431	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.74	65	119310	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
32) Benzene-d6	5.76	84	384699	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.72	67	120971	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.92	98	319594	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.20	79	49081	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.65	63	314719	64.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.32%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108652	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	133364	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

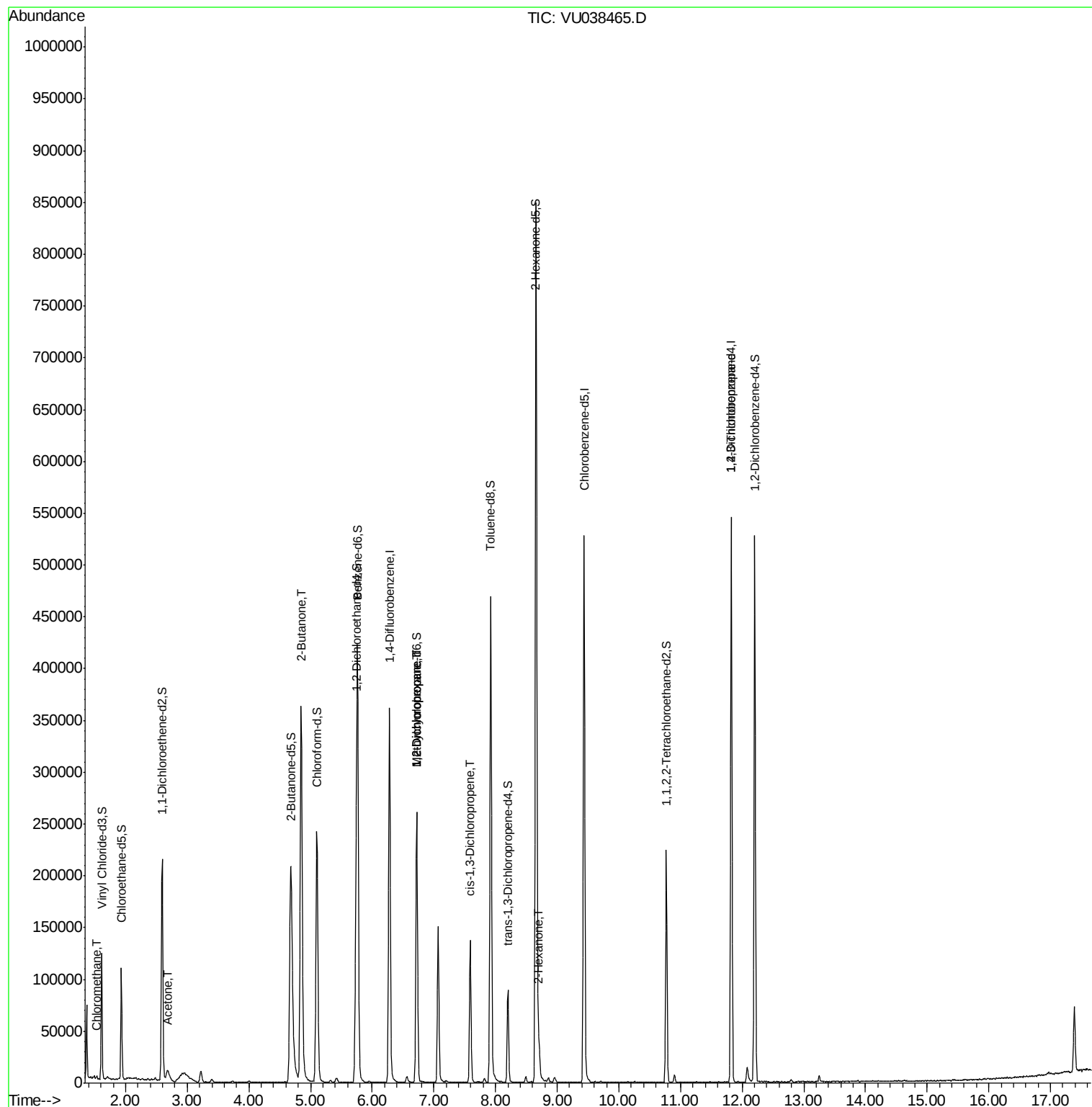
					Ovalue
3) Chloromethane	1.53	50	2075	0.094 ug/L	93
13) Acetone	2.68	43	23034	5.850 ug/L	100
21) 2-Butanone	4.85	43	510335	77.052 ug/L #	50
35) Methylcyclohexane	6.72	83	29455	0.881 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13794	0.659 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3705	0.120 ug/L #	73
48) 2-Hexanone	8.71	43	14010	1.235 ug/L #	94
59) 1,2,3-Trichloropropane	11.82	75	18398	1.177 ug/L	93

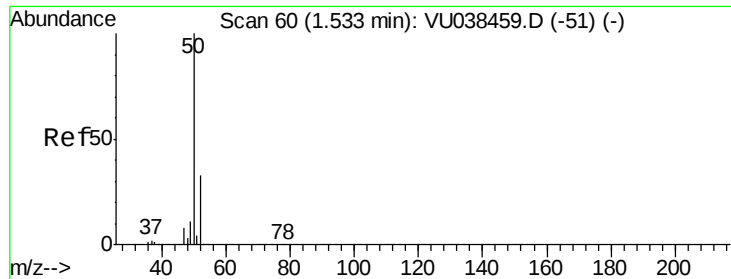
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 05:25:28 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.094 ug/L

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU038465.D

Acq: 01 Jun 2020 13:01

Instrument :

MSVOA_U

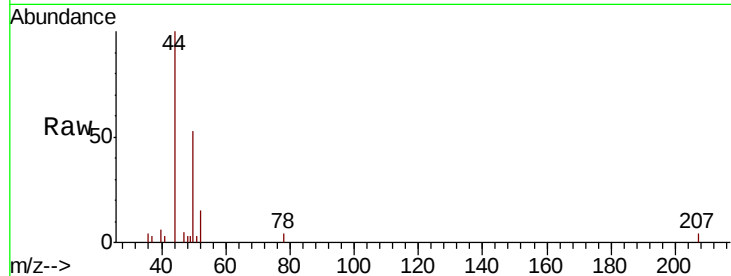
ClientSampleId :

Tot Ion: 50 Resp: 2075

Ion Ratio Lower Upper

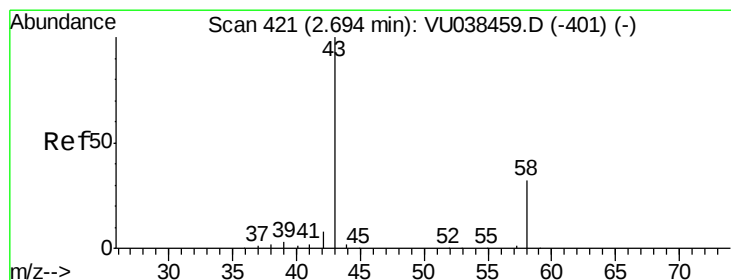
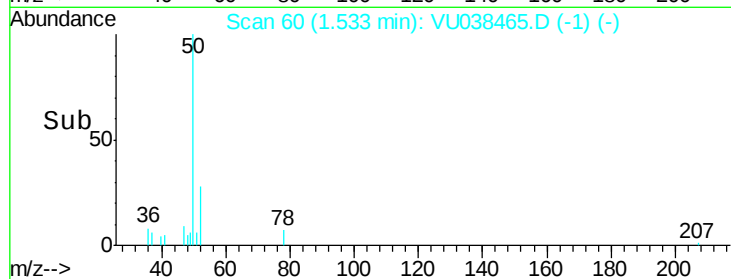
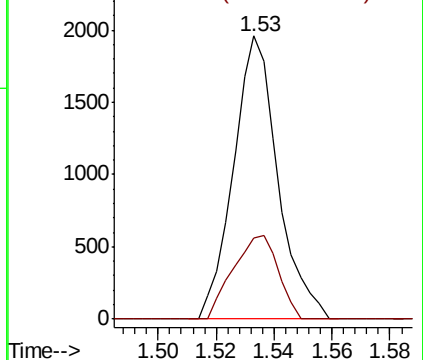
50 100

52 28.5 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 5.850 ug/L

RT: 2.68 min Scan# 417

Delta R.T. -0.01 min

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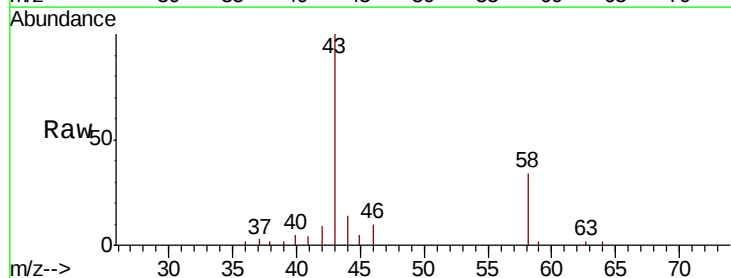
Acq: 01 Jun 2020 13:01

Tgt Ion: 43 Resp: 23034

Ion Ratio Lower Upper

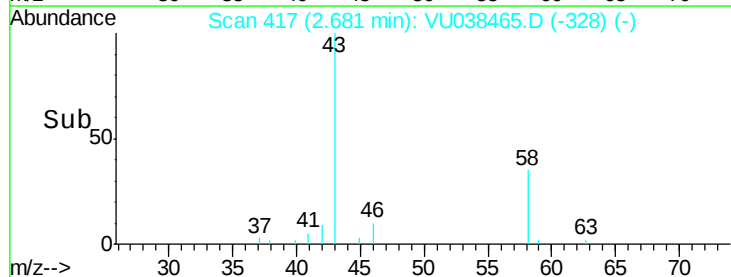
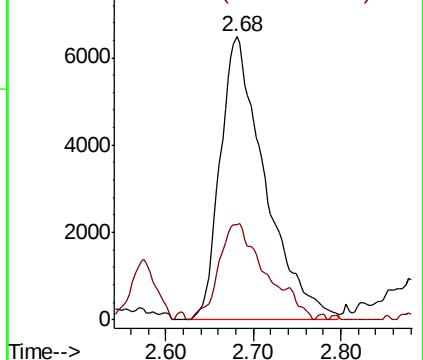
43 100

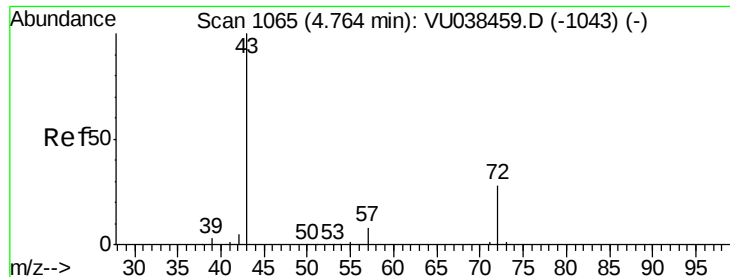
58 32.6 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

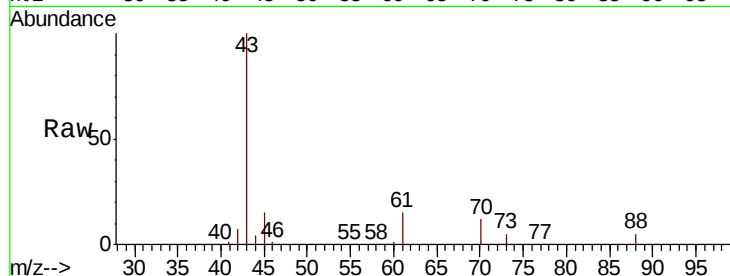




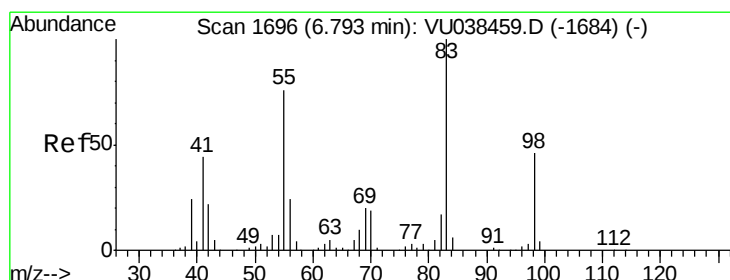
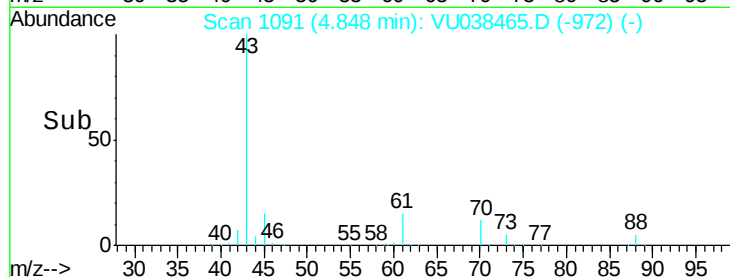
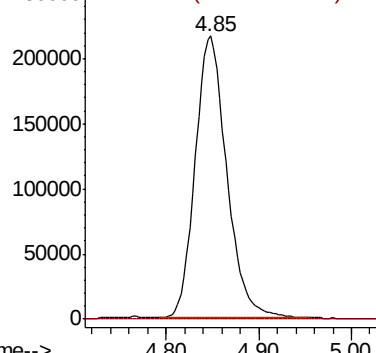
#21
2-Butanone
Concen: 77.052 ug/L
RT: 4.85 min Scan# 1091
Delta R.T. 0.08 min
Lab File: VU038465.D
Acq: 01 Jun 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 510335
Ion Ratio Lower Upper
43 100
72 0.0 12.6 37.8#

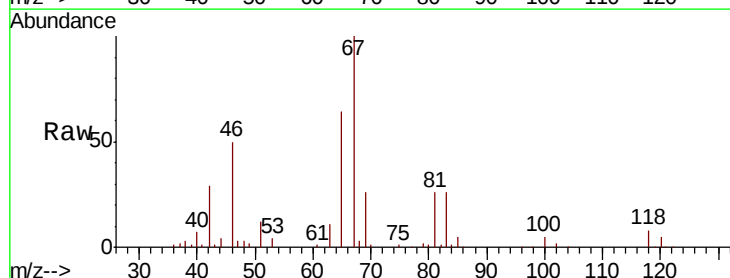


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 72.10 (71.80 to 72.80): VU0

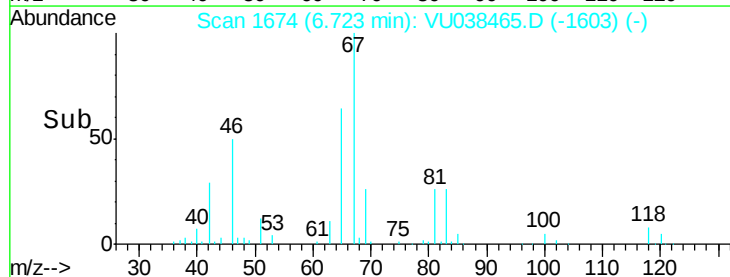
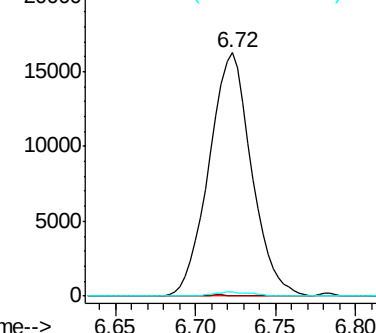


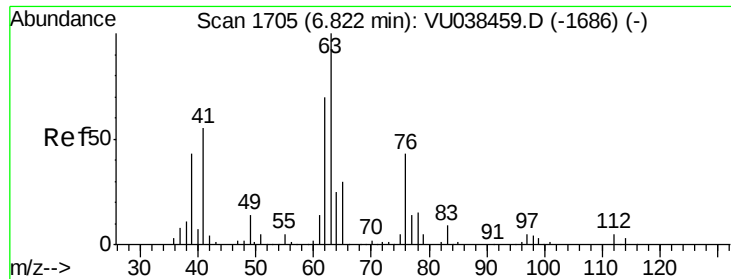
#35
Methylcyclohexane
Concen: 0.881 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038465.D
Acq: 01 Jun 2020 13:01

Tgt Ion: 83 Resp: 29455
Ion Ratio Lower Upper
83 100
55 0.1 63.4 95.2#
98 1.4 39.0 58.4#



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

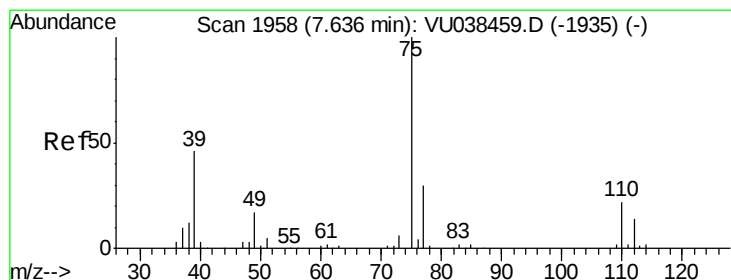
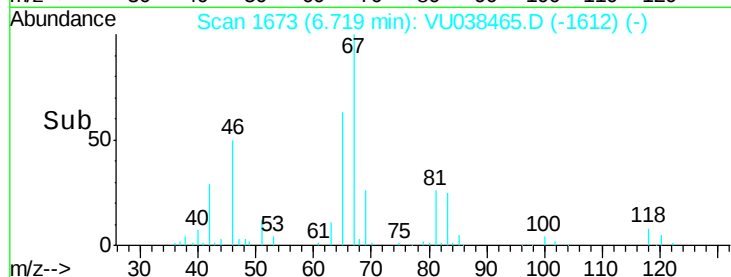
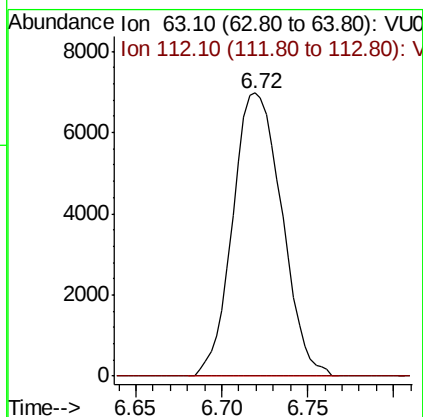
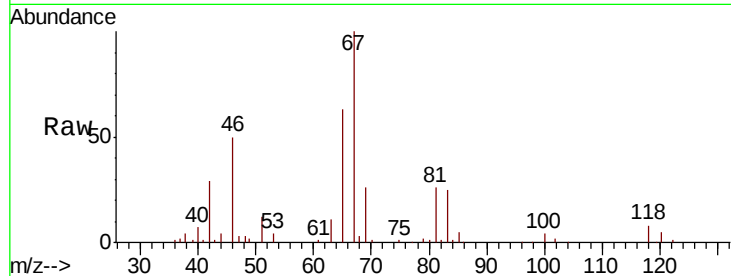




#37
 1,2-Dichloropropane
 Concen: 0.659 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038465.D
 Acq: 01 Jun 2020 13:01

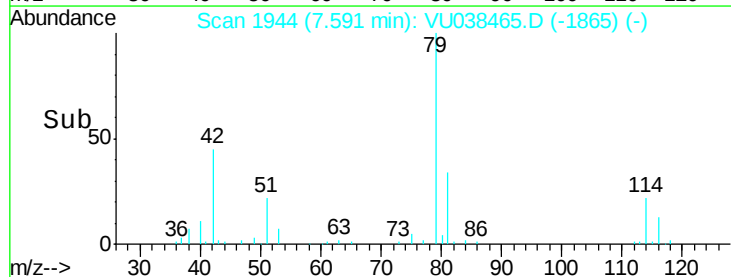
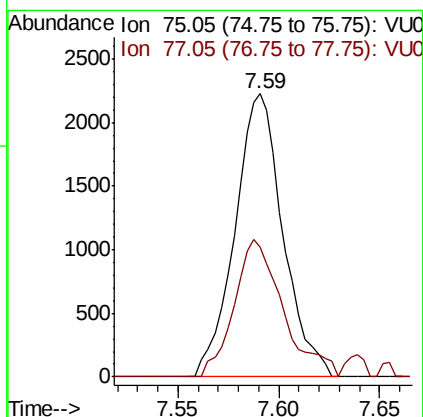
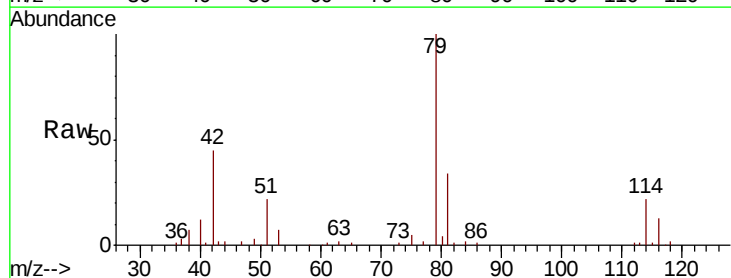
Instrument :
 MSVOA_U
 ClientSampleId :

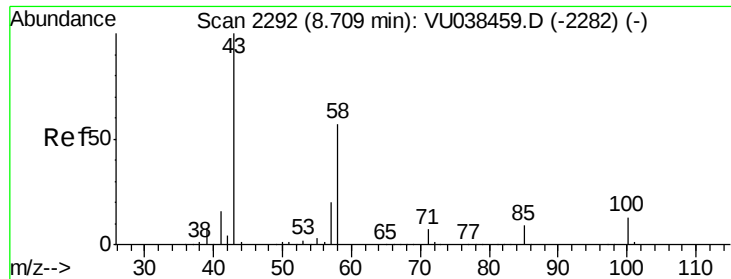
Tot Ion: 63 Resp: 13794
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038465.D
 Acq: 01 Jun 2020 13:01

Tgt Ion: 75 Resp: 3705
 Ion Ratio Lower Upper
 75 100
 77 46.0 21.9 40.7#

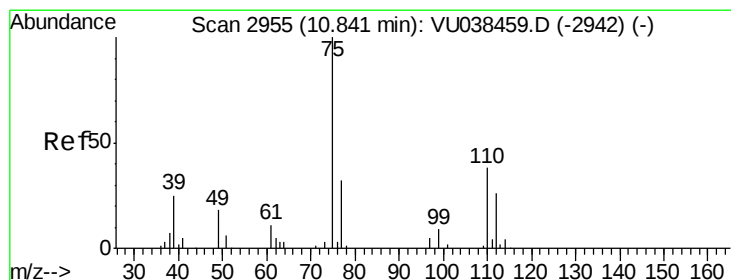
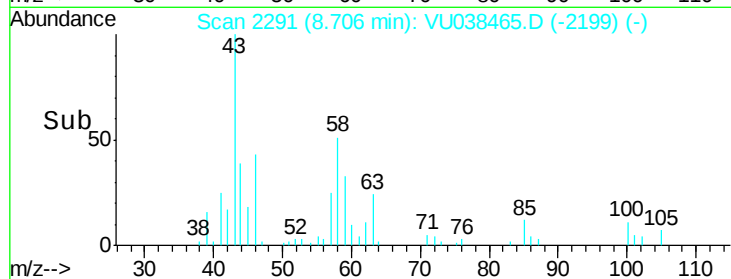
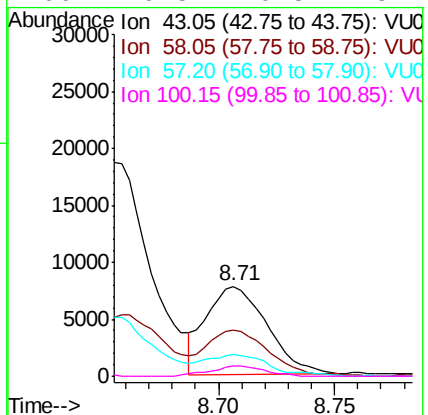
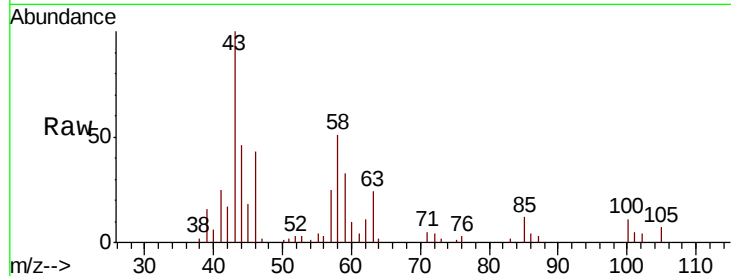




#48
 2-Hexanone
 Concen: 1.235 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038465.D
 Acq: 01 Jun 2020 13:01

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 43 Resp: 14010
 Ion Ratio Lower Upper
 43 100
 58 54.7 45.4 68.0
 57 26.8 15.9 23.9#
 100 10.5 10.5 15.7



#59
 1,2,3-Trichloropropane
 Concen: 1.177 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038465.D
 Acq: 01 Jun 2020 13:01

Tgt Ion: 75 Resp: 18398
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.4 38.2

