

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061920\
 Data File : VU038993.D
 Acq On : 19 Jun 2020 20:23
 Operator : SY/MD
 Sample : L3058-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jun 20 05:45:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 20 05:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	273125	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	278628	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	130768	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	119228	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.93	69	92069	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.59	63	163965	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.68	46	365441	48.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.14%
24) Chloroform-d	5.10	84	201445	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.74	65	118050	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.76	84	406259	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.72	67	129240	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.92	98	332561	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	8.20	79	65554	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.66	63	329336	58.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109509	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	134820	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

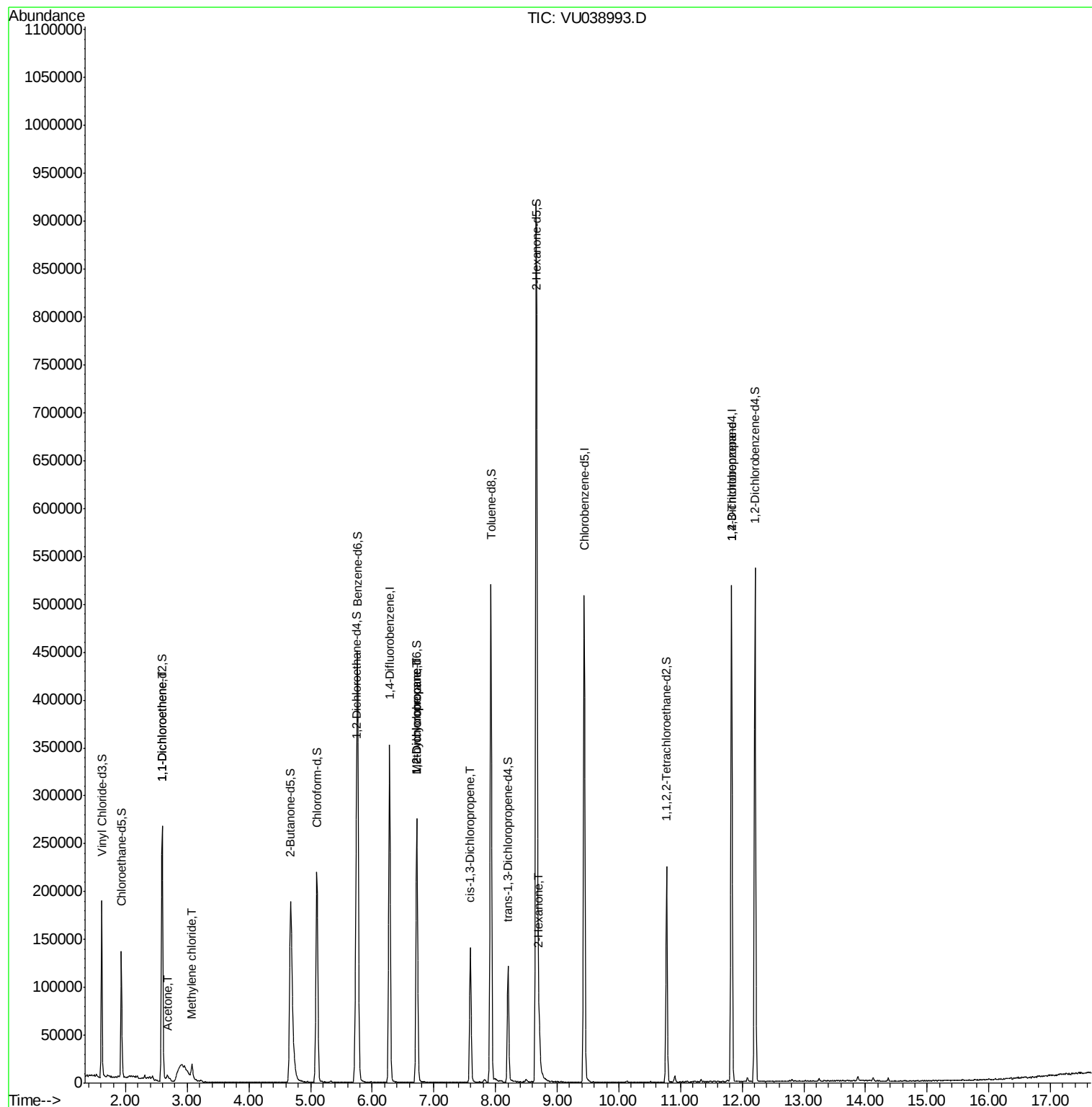
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1271	0.063 ug/L #	1
13) Acetone	2.68	43	12478	2.666 ug/L	70
16) Methylene chloride	3.08	84	5861	0.236 ug/L	97
35) Methylcyclohexane	6.72	83	30021	0.857 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	14033	0.573 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3840	0.099 ug/L #	43
48) 2-Hexanone	8.71	43	21959	1.578 ug/L #	91
59) 1,2,3-Trichloropropane	11.83	75	17902	1.015 ug/L	95

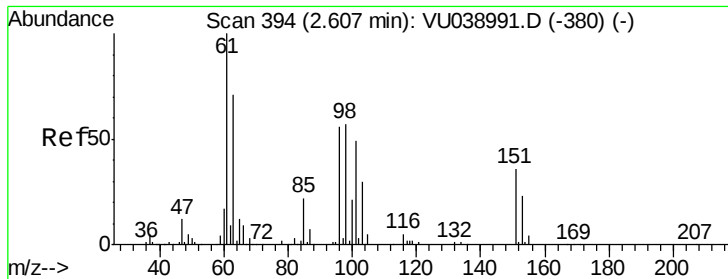
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.063 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038993.D

Acq: 19 Jun 2020 20:23

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

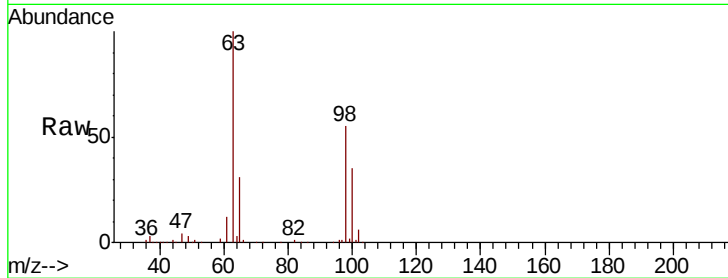
Tot Ion: 96 Resp: 1271

Ion Ratio Lower Upper

96 100

61 1402.6 126.0 234.0#

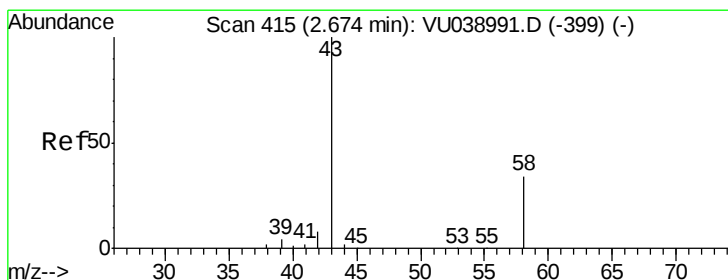
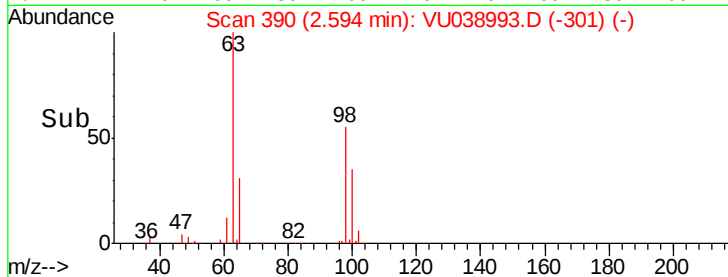
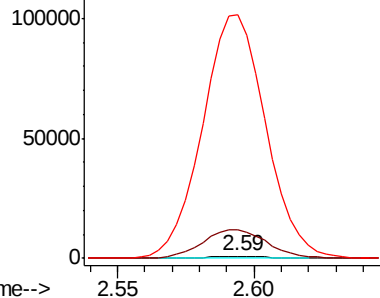
63 12097.3 87.2 162.0#



Abundance Ion 96.00 (95.70 to 96.70): VU038993.D (-390) (-)

Ion 61.05 (60.75 to 61.75): VU038993.D (-390) (-)

Ion 63.00 (62.70 to 63.70): VU038993.D (-390) (-)



#13

Acetone

Concen: 2.666 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.00 min

Lab File: VU038993.D

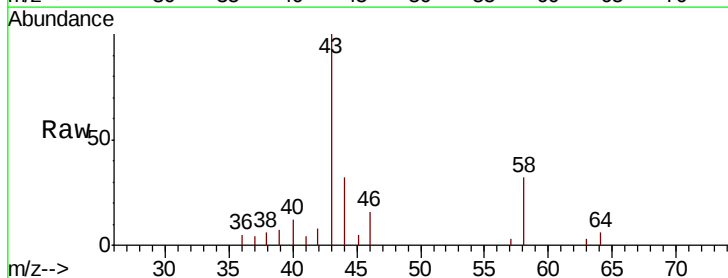
Acq: 19 Jun 2020 20:23

Tgt Ion: 43 Resp: 12478

Ion Ratio Lower Upper

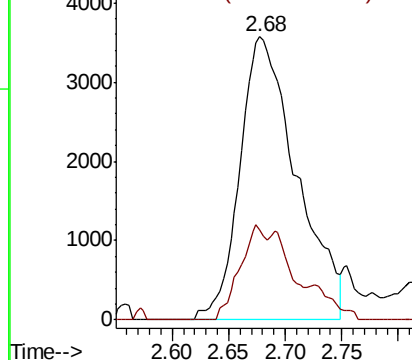
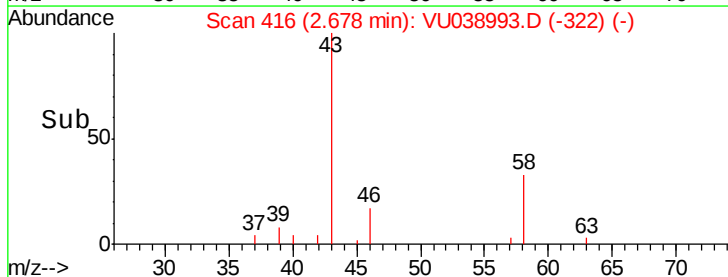
43 100

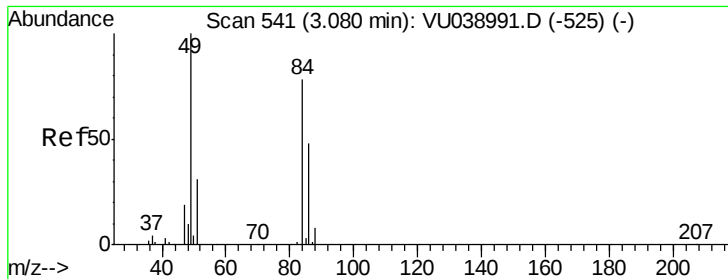
58 15.6 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU038993.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU038993.D (-322) (-)

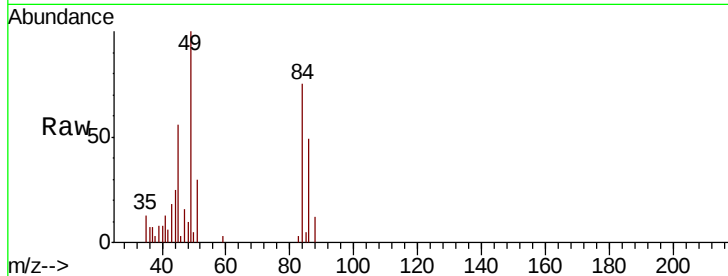




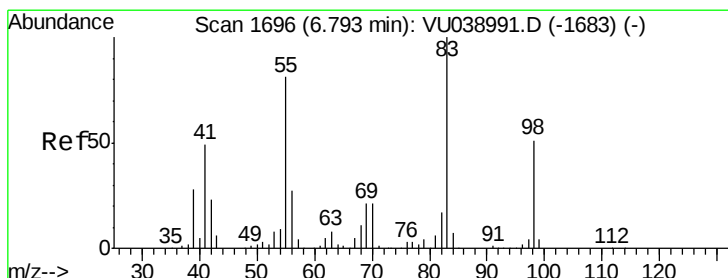
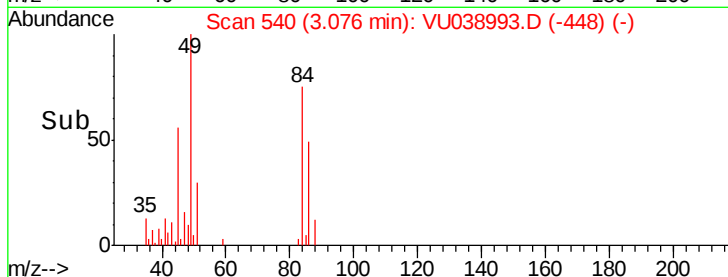
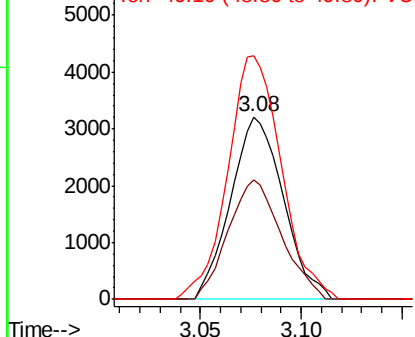
#16
Methylene chloride
Concen: 0.236 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU038993.D
Acq: 19 Jun 2020 20:23

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 84 Resp: 5861
Ion Ratio Lower Upper
84 100
86 65.3 45.1 83.7
49 133.3 90.3 167.7

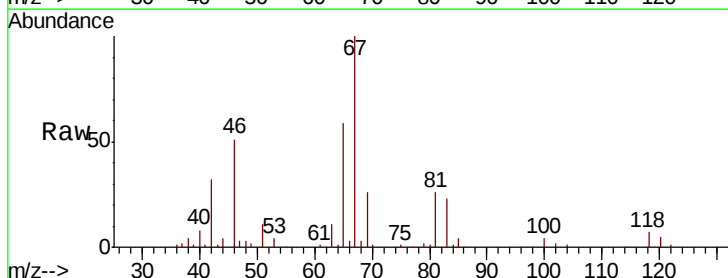


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

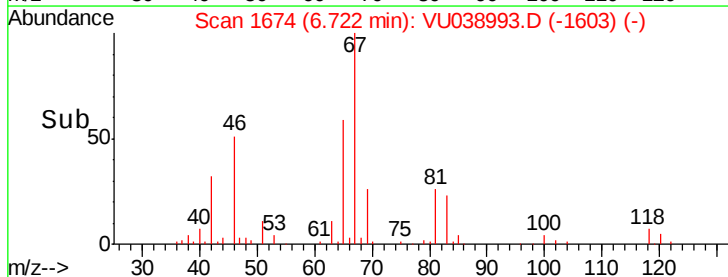
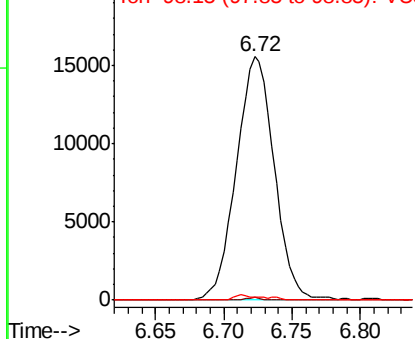


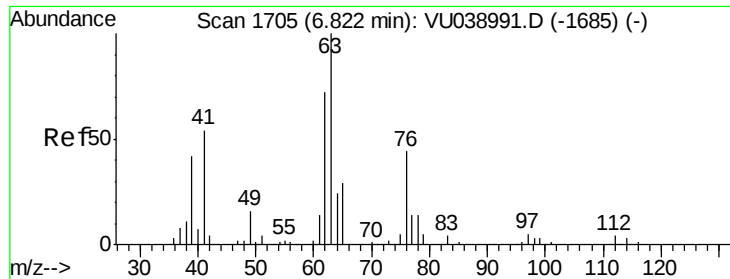
#35
Methylcyclohexane
Concen: 0.857 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038993.D
Acq: 19 Jun 2020 20:23

Tgt Ion: 83 Resp: 30021
Ion Ratio Lower Upper
83 100
55 0.3 64.2 96.2#
98 1.5 37.3 55.9#



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

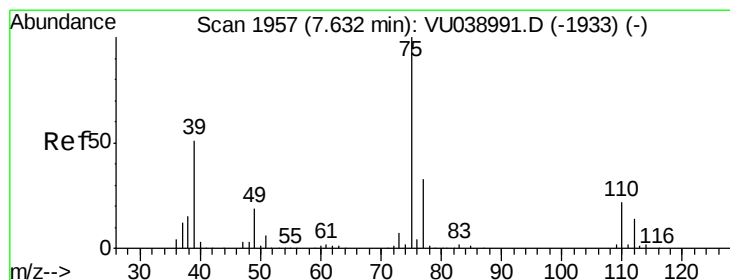
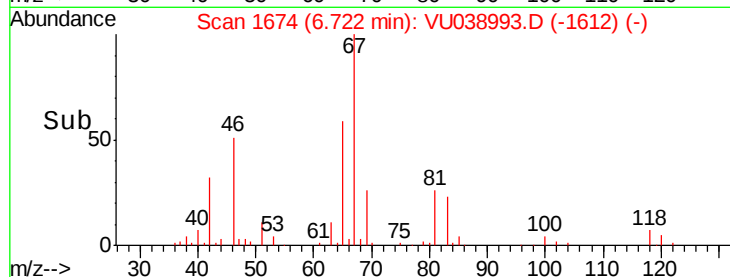
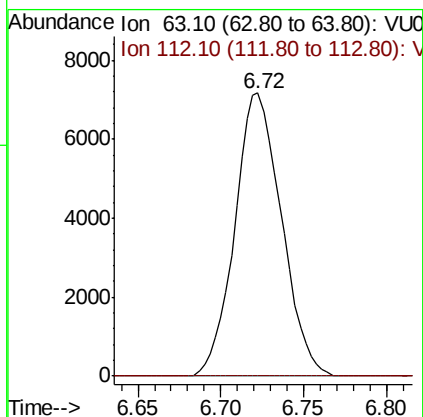
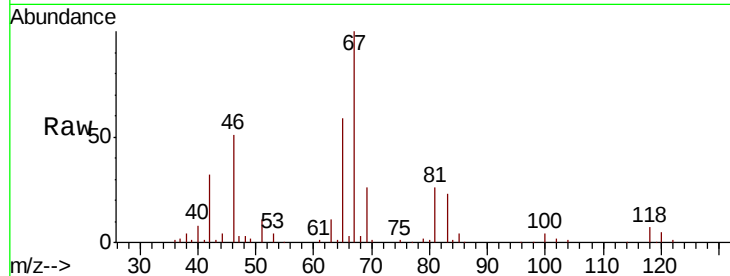




#37
 1,2-Dichloropropane
 Concen: 0.573 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038993.D
 Acq: 19 Jun 2020 20:23

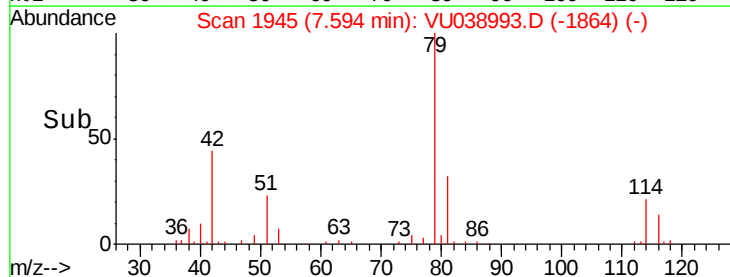
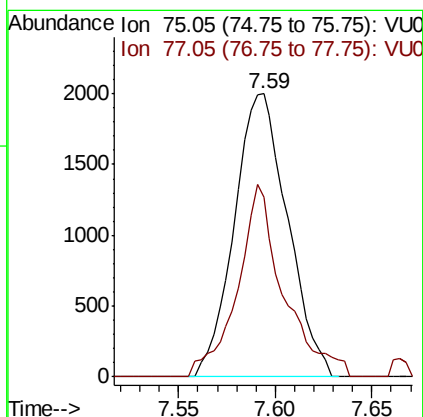
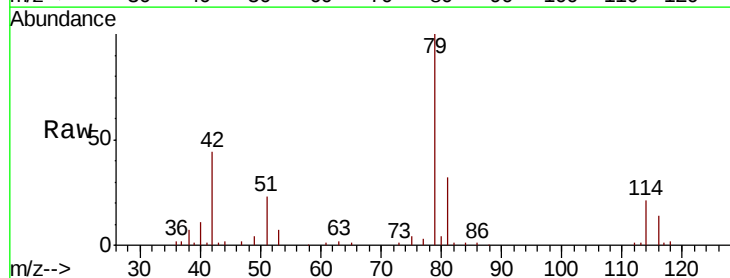
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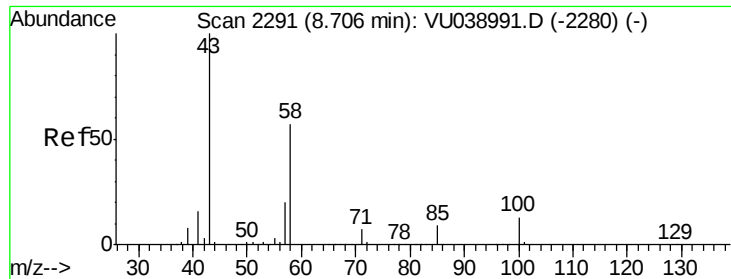
Tot Ion: 63 Resp: 14033
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038993.D
 Acq: 19 Jun 2020 20:23

Tgt Ion: 75 Resp: 3840
 Ion Ratio Lower Upper
 75 100
 77 63.6 22.3 41.3#

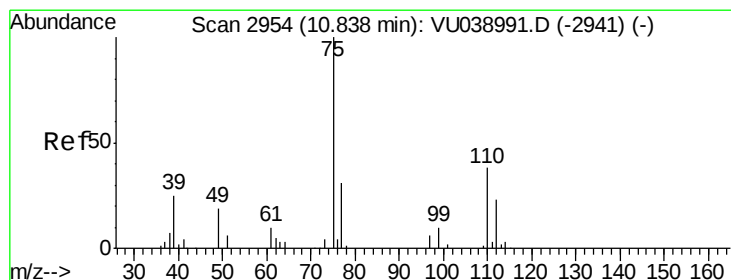
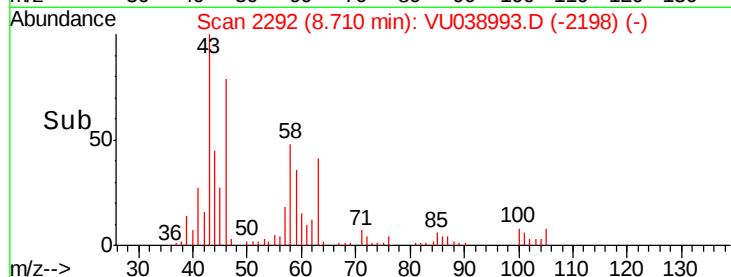
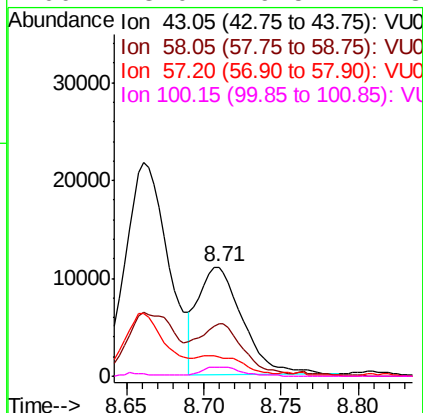
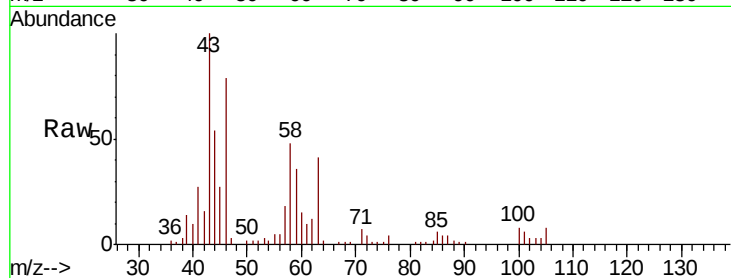




#48
2-Hexanone
Concen: 1.578 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU038993.D
Acq: 19 Jun 2020 20:23

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 43 Resp: 21959
Ion Ratio Lower Upper
43 100
58 46.0 43.2 64.8
57 18.8 15.2 22.8
100 8.0 9.5 14.3#



#59
1,2,3-Trichloropropane
Concen: 1.015 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.99 min
Lab File: VU038993.D
Acq: 19 Jun 2020 20:23

Tgt Ion: 75 Resp: 17902
Ion Ratio Lower Upper
75 100
77 35.4 25.9 38.9

