

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060520\
 Data File : VU038593.D
 Acq On : 06 Jun 2020 01:46
 Operator : SY/MD
 Sample : L2884-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jun 06 02:40:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 02:36:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	309875	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	307775	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	146823	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86772	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.93	69	73073	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.59	63	132745	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.67	46	298402	48.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.96%
24) Chloroform-d	5.10	84	177457	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.74	65	103534	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.76	84	355880	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.72	67	108561	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.92	98	300725	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.20	79	41445	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.65	63	253704	50.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	93405	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	123840	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

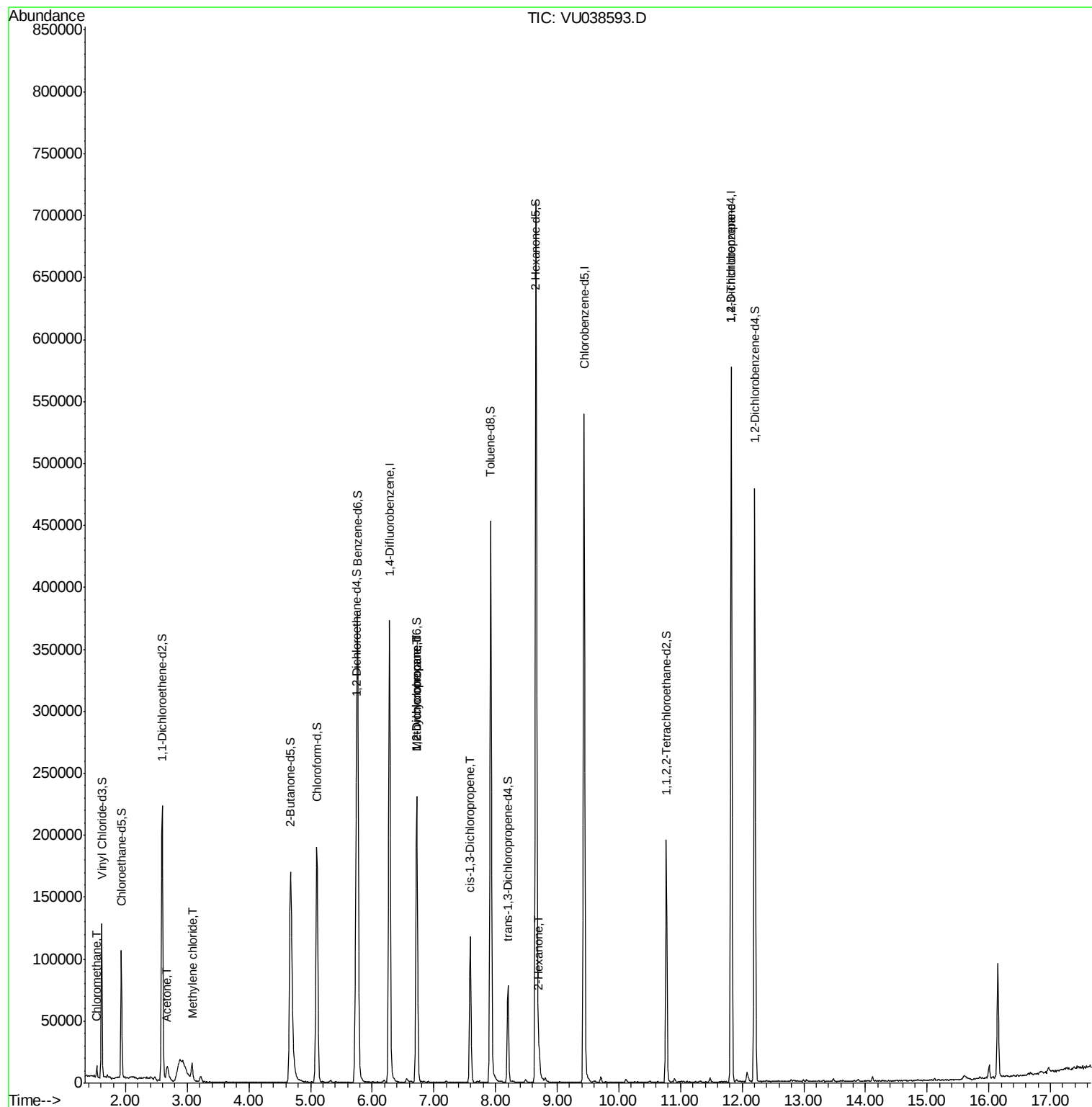
					Ovalue
3) Chloromethane	1.53	50	5468	0.244 ug/L	93
13) Acetone	2.67	43	22164	5.559 ug/L	98
16) Methylene chloride	3.08	84	6336	0.293 ug/L	88
35) Methylcyclohexane	6.72	83	25635	0.743 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	11877	0.550 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2695	0.084 ug/L #	54
48) 2-Hexanone	8.71	43	11722	1.002 ug/L #	89
59) 1,2,3-Trichloropropane	11.83	75	18898	1.172 ug/L	90

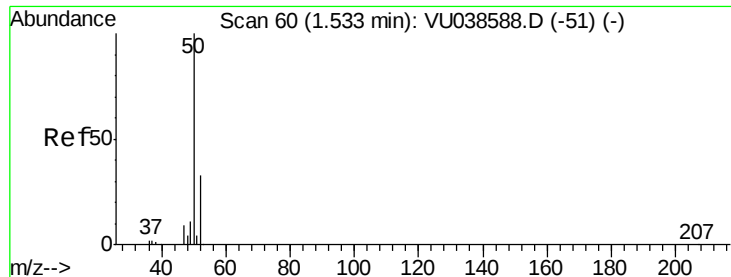
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.244 ug/L

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU038593.D

Acq: 06 Jun 2020 01:46

Instrument :

MSVOA_U

ClientSampled :

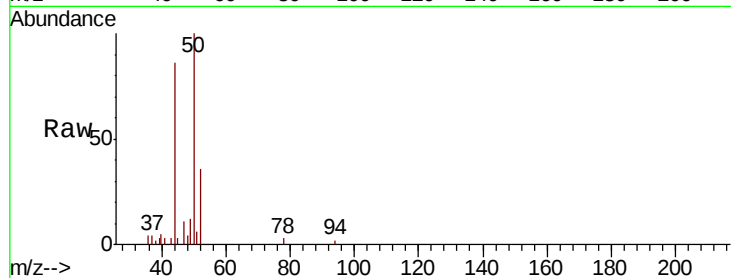
VHBLK01

Tot Ion: 50 Resp: 5468

Ion Ratio Lower Upper

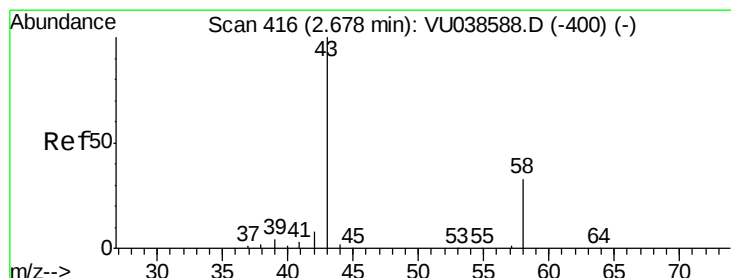
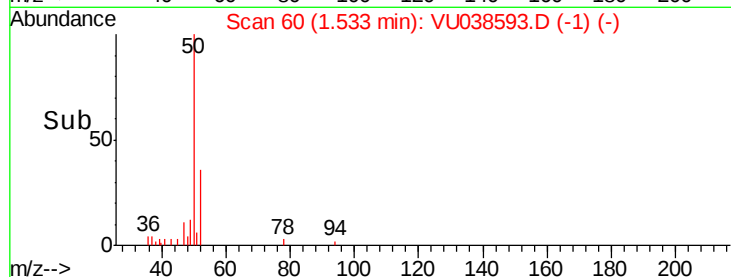
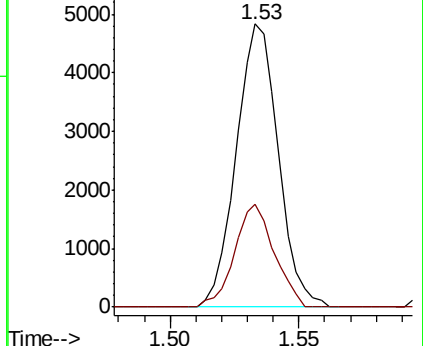
50 100

52 36.5 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VU038588.D (-51) (-)

Ion 52.05 (51.75 to 52.75): VU038593.D (-323) (-)



#13

Acetone

Concen: 5.559 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

Lab File: VU038593.D

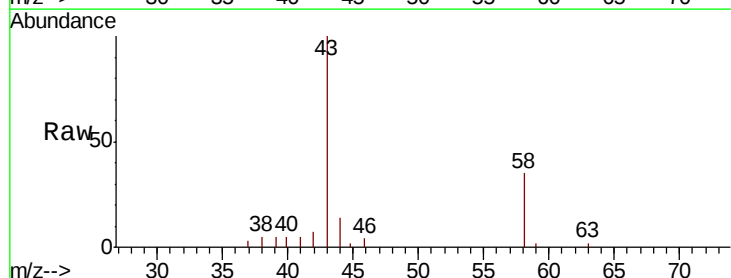
Acq: 06 Jun 2020 01:46

Tgt Ion: 43 Resp: 22164

Ion Ratio Lower Upper

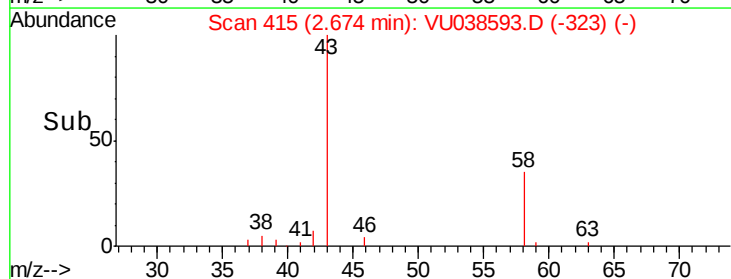
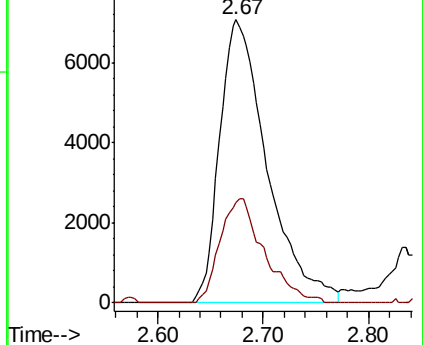
43 100

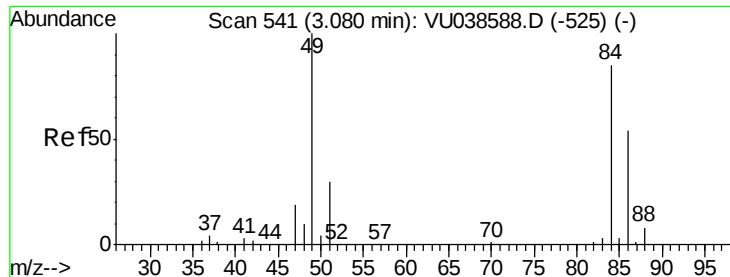
58 34.2 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038588.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU038593.D (-323) (-)

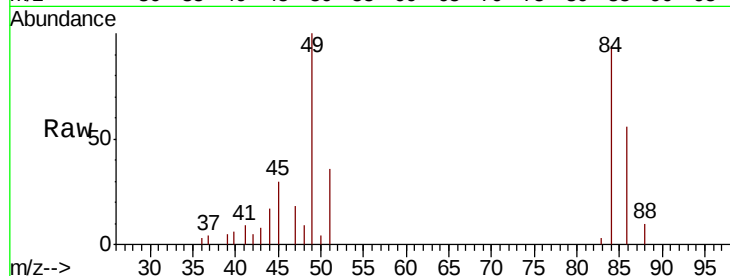




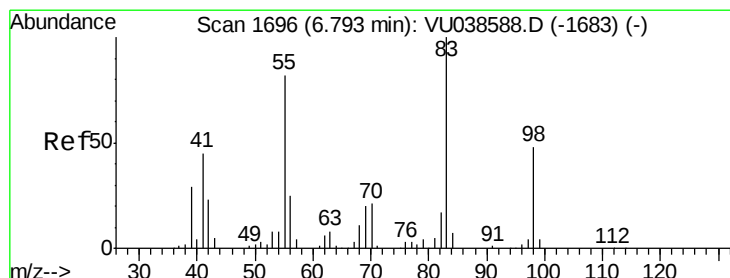
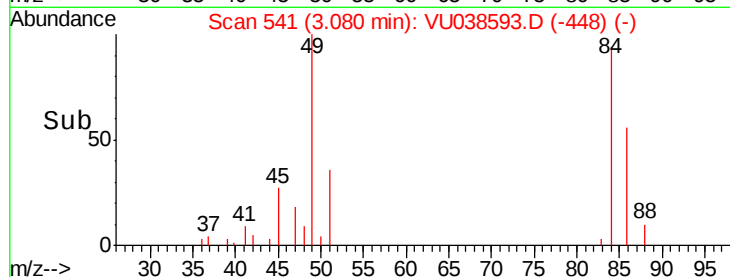
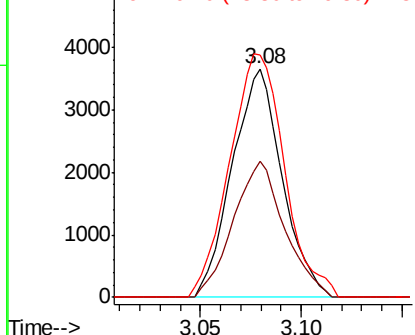
#16
Methvlene chloride
Concen: 0.293 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038593.D
Acq: 06 Jun 2020 01:46

Instrument :
MSVOA_U
ClientSampled :
VHBLK01

Tot Ion: 84 Resp: 6336
Ion Ratio Lower Upper
84 100
86 59.4 45.0 83.6
49 106.2 85.5 158.9

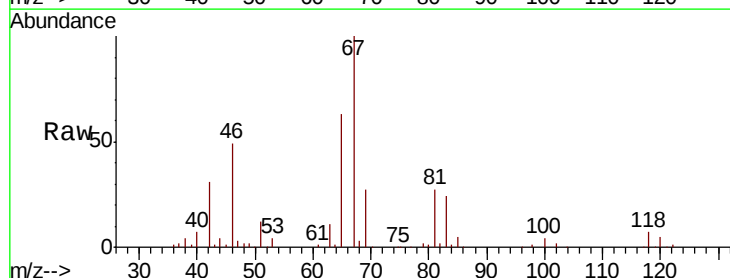


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

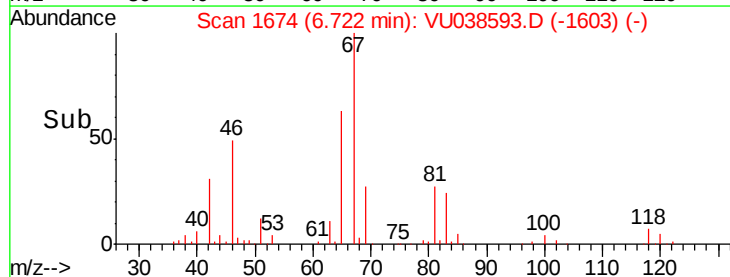
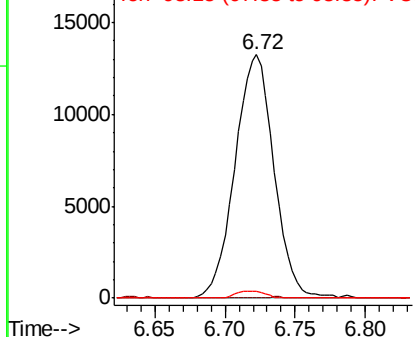


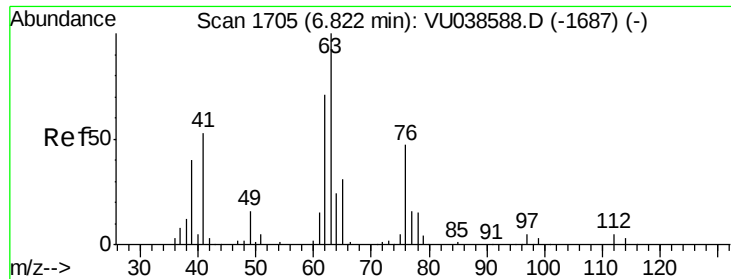
#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038593.D
Acq: 06 Jun 2020 01:46

Tgt Ion: 83 Resp: 25635
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 2.2 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

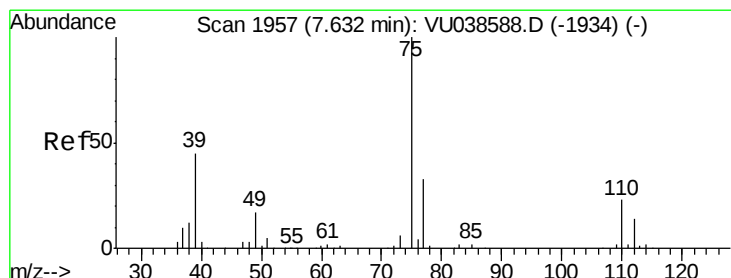
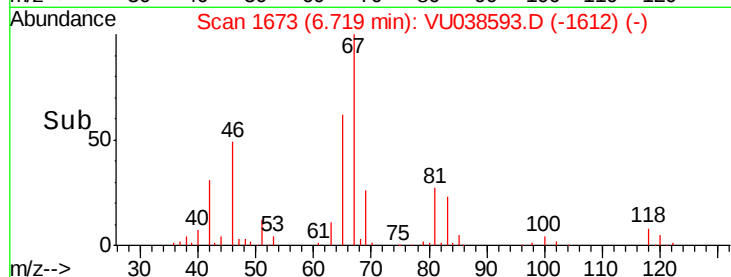
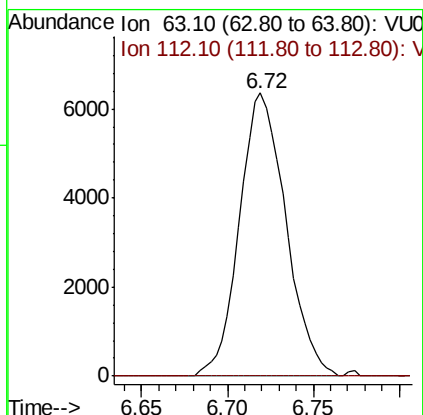
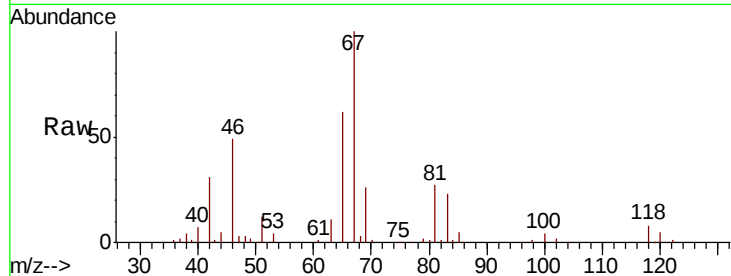




#37
 1,2-Dichloropropane
 Concen: 0.550 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038593.D
 Acq: 06 Jun 2020 01:46

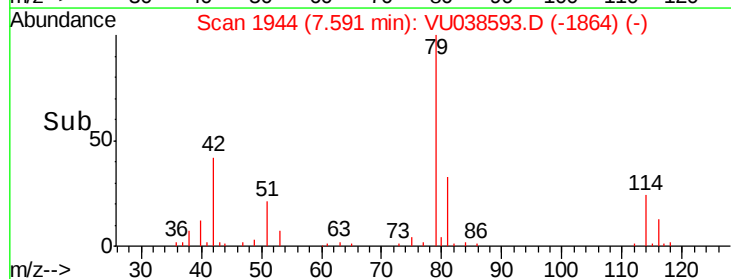
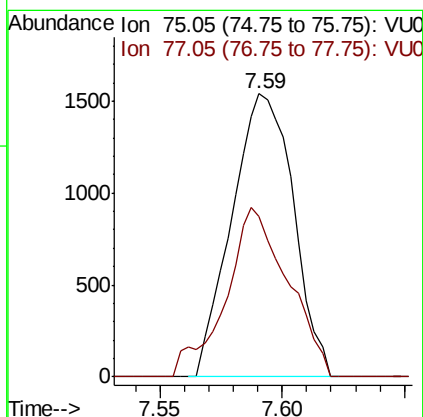
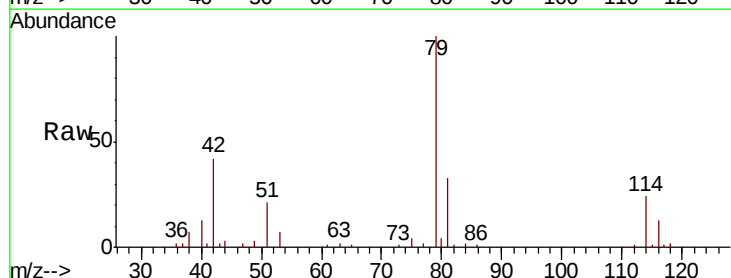
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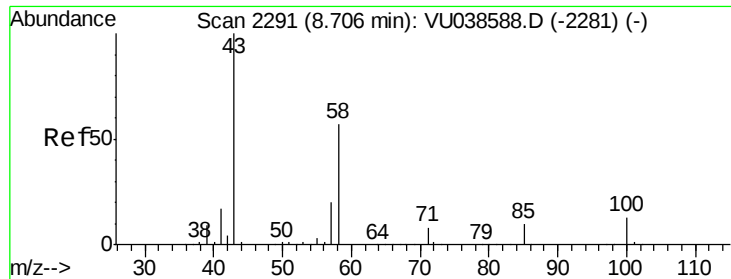
Tot Ion: 63 Resp: 11877
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038593.D
 Acq: 06 Jun 2020 01:46

Tgt Ion: 75 Resp: 2695
 Ion Ratio Lower Upper
 75 100
 77 56.7 21.9 40.7#

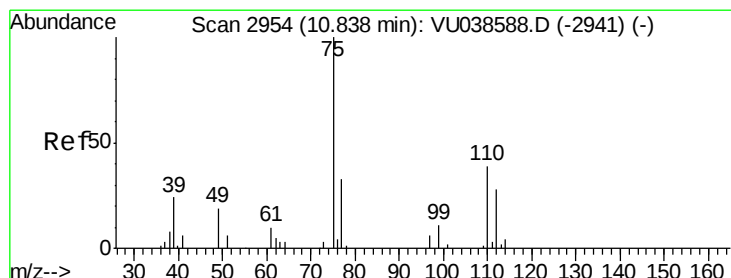
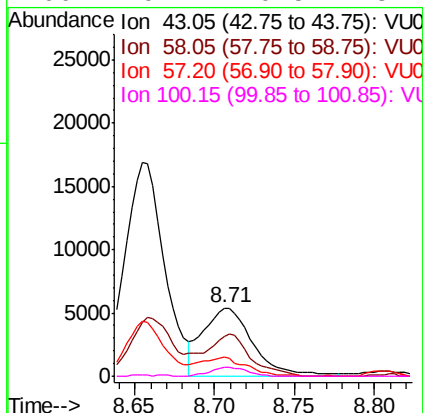
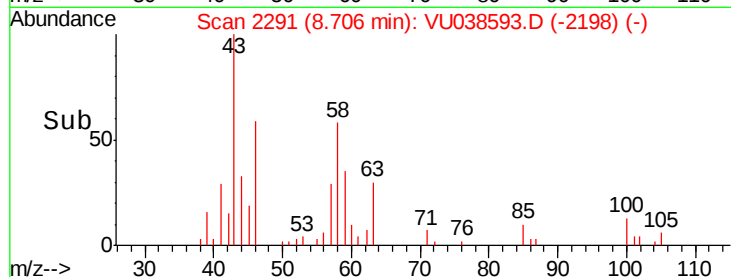
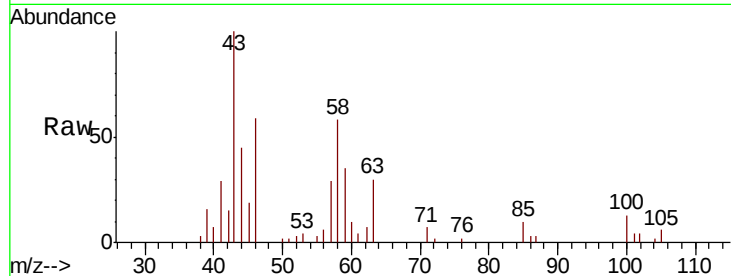




#48
2-Hexanone
Concen: 1.002 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038593.D
Acq: 06 Jun 2020 01:46

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 43 Resp: 11722
Ion Ratio Lower Upper
43 100
58 49.2 45.4 68.0
57 26.3 15.9 23.9#
100 9.7 10.5 15.7#



#59
1,2,3-Trichloropropane
Concen: 1.172 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.99 min
Lab File: VU038593.D
Acq: 06 Jun 2020 01:46

Tgt Ion: 75 Resp: 18898
Ion Ratio Lower Upper
75 100
77 37.2 25.4 38.2

