

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
 Data File : VU039409.D
 Acq On : 09 Jul 2020 21:24
 Operator : SY/MD
 Sample : VU0709WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK02

Quant Time: Jul 10 02:03:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 10 02:02:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	99814	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	92663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43277	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	27875	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.93	69	27127	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.58	63	39169	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.66	46	130212	49.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.38%
24) Chloroform-d	5.09	84	53434	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.72	65	36230	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.75	84	106583	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.70	67	37449	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.91	98	89003	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.19	79	14857	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.64	63	92081	44.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.70%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	33672	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	38696	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

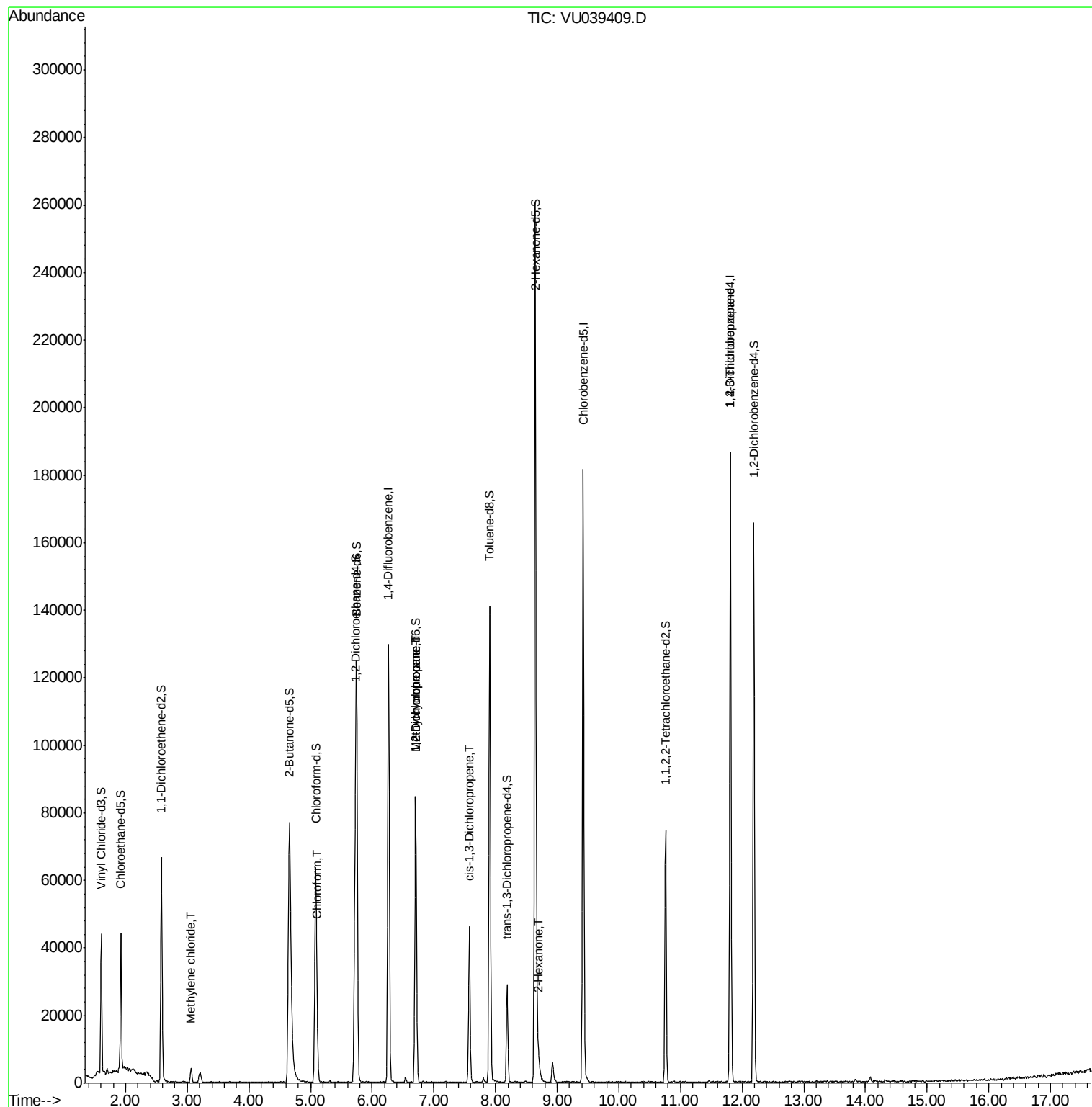
					Ovalue
16) Methylene chloride	3.06	84	1920	0.257 ug/L	94
25) Chloroform	5.11	83	4428	0.341 ug/L	98
35) Methylcyclohexane	6.71	83	8467	0.738 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	4522	0.599 ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1226	0.107 ug/L #	81
48) 2-Hexanone	8.70	43	5244	1.129 ug/L #	86
59) 1,2,3-Trichloropropane	11.81	75	6749	1.213 ug/L #	84

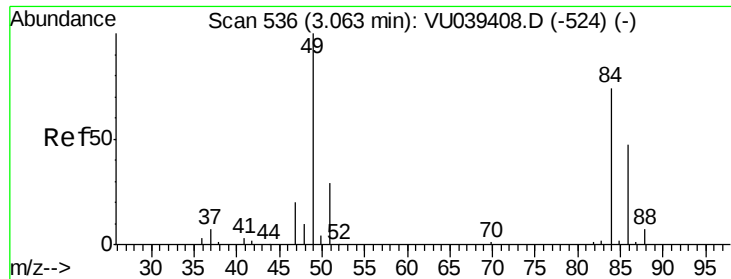
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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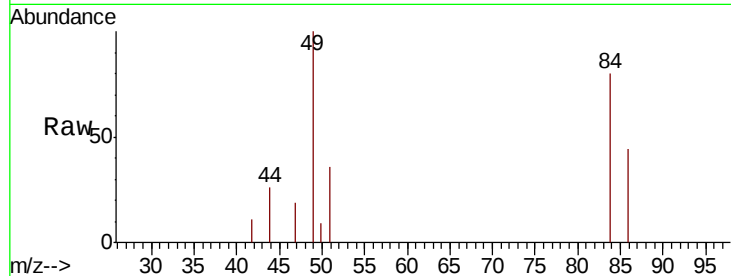




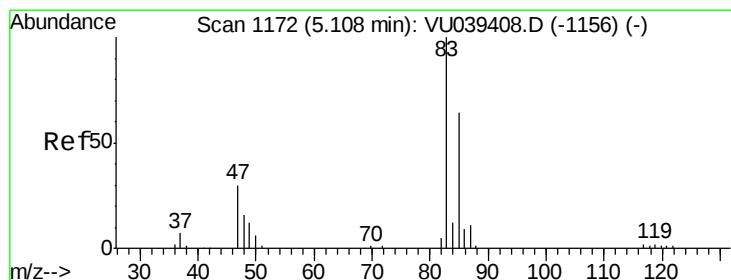
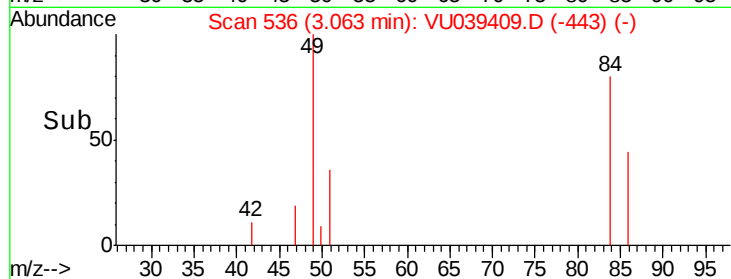
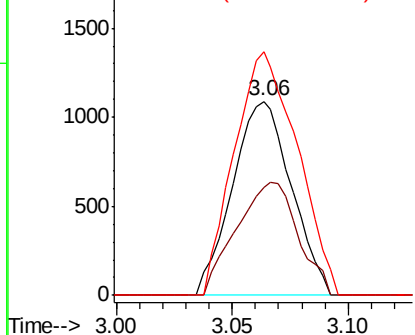
#16
Methvlene chloride
Concen: 0.257 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039409.D
Acq: 09 Jul 2020 21:24

Instrument :
MSVOA_U
ClientSampleId :
VBLK02

Tot Ion: 84 Resp: 1920
Ion Ratio Lower Upper
84 100
86 55.8 43.5 80.9
49 136.5 91.1 169.1

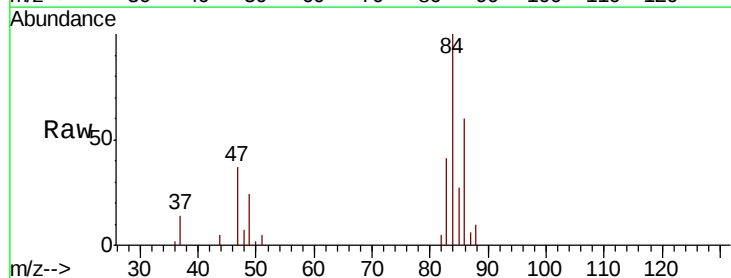


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

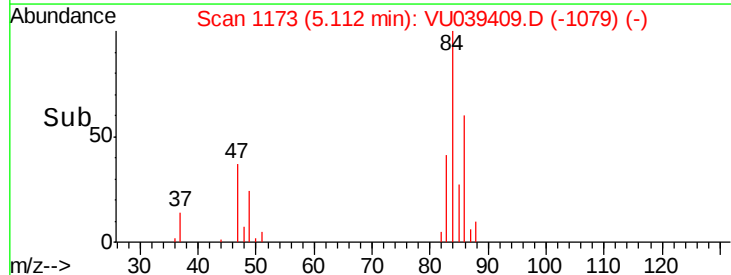
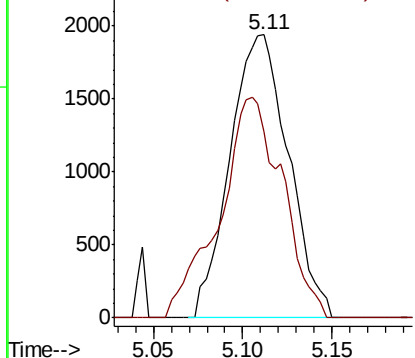


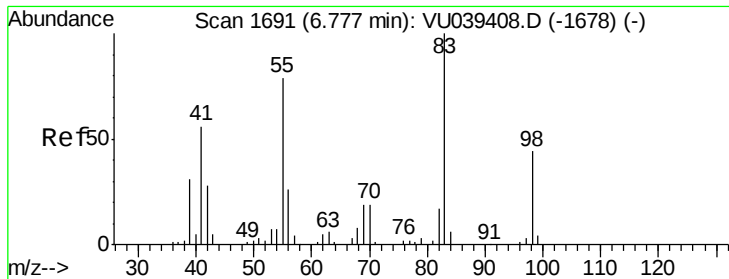
#25
Chloroform
Concen: 0.341 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU039409.D
Acq: 09 Jul 2020 21:24

Tgt Ion: 83 Resp: 4428
Ion Ratio Lower Upper
83 100
85 65.9 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

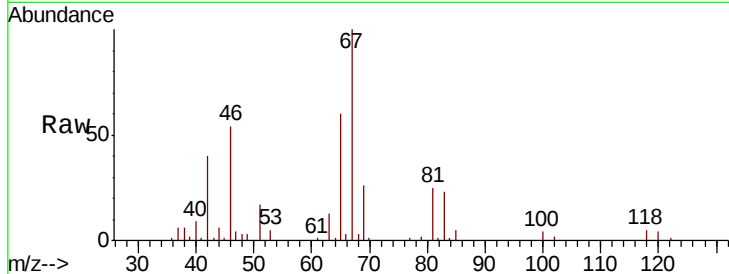




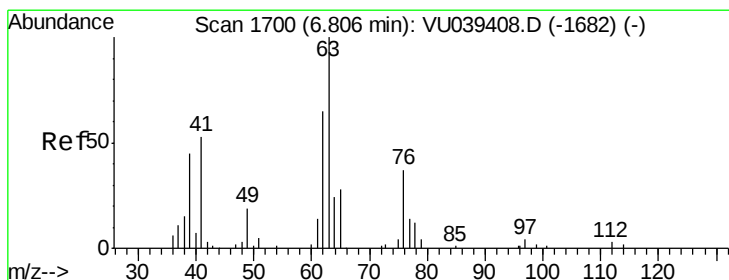
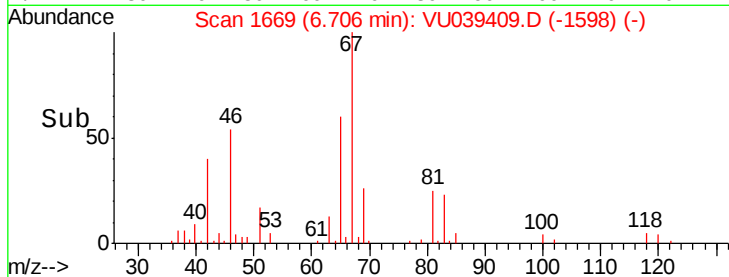
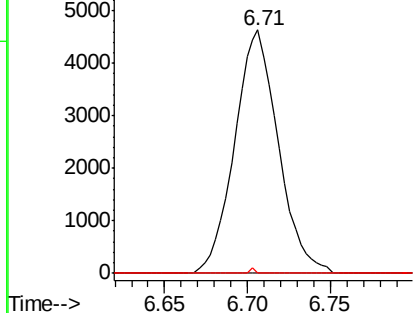
#35
Methvlcvclohexane
Concen: 0.738 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039409.D
Acq: 09 Jul 2020 21:24

Instrument :
MSVOA_U
ClientSampleId :
VBLK02

Tot Ion: 83 Resp: 8467
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.2 35.9 53.9#

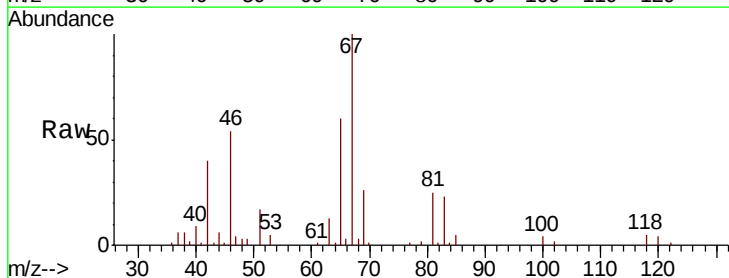


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

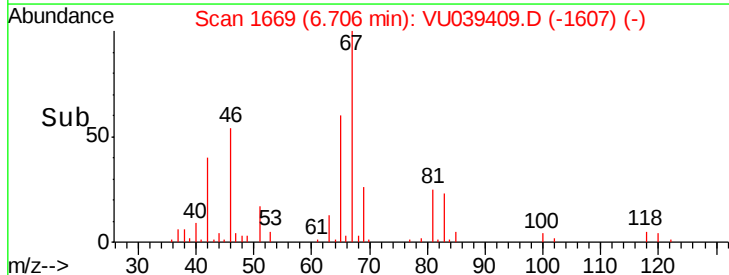
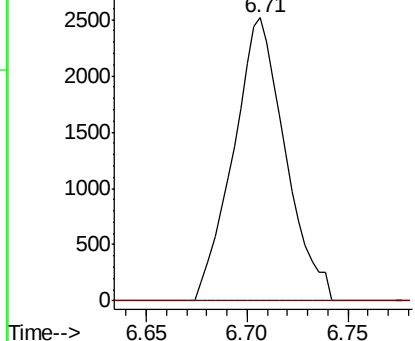


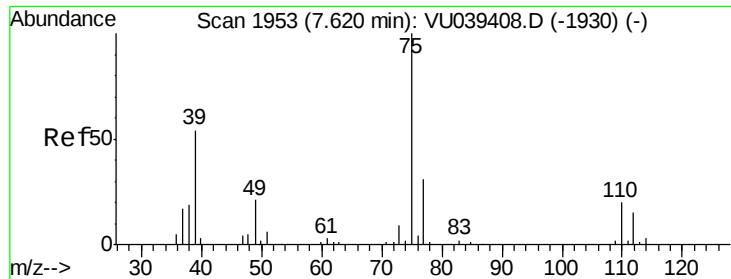
#37
1,2-Dichloropropane
Concen: 0.599 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039409.D
Acq: 09 Jul 2020 21:24

Tgt Ion: 63 Resp: 4522
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



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

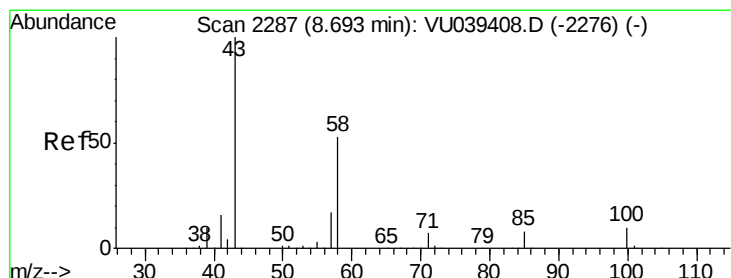
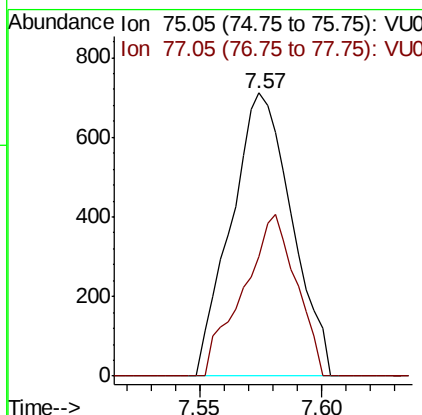
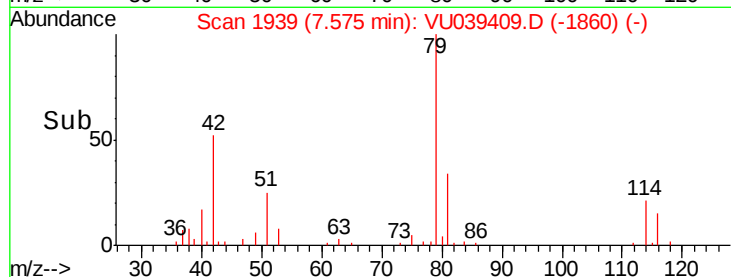
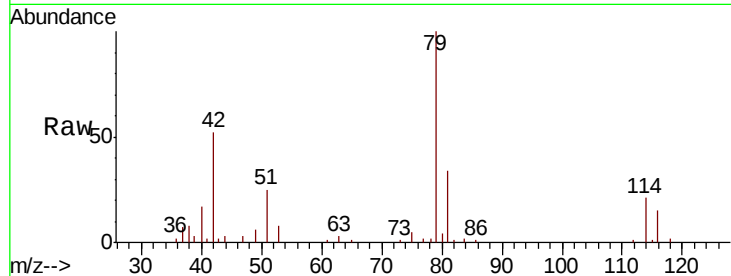




#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039409.D
 Acq: 09 Jul 2020 21:24

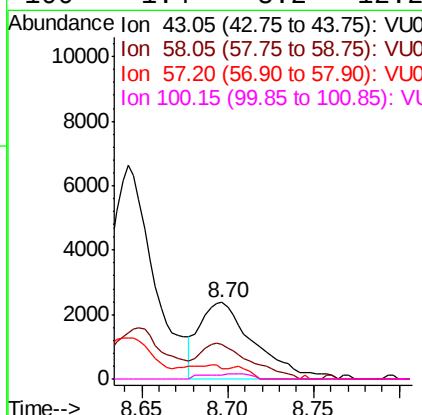
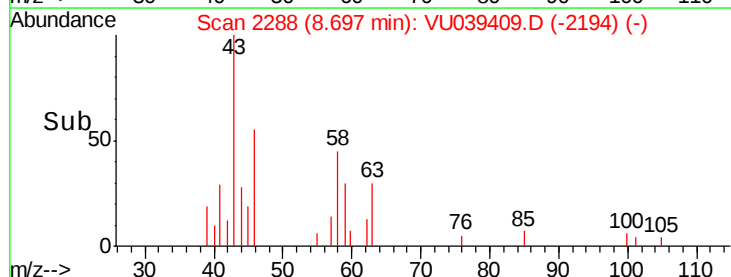
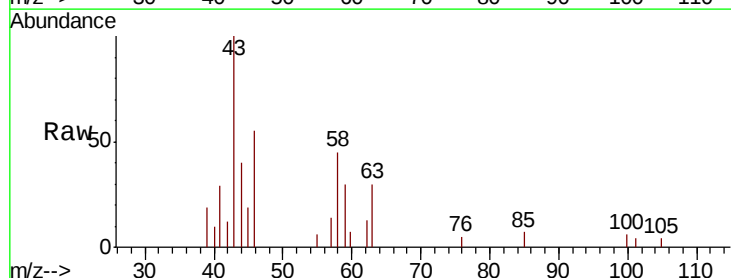
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 VBLK02

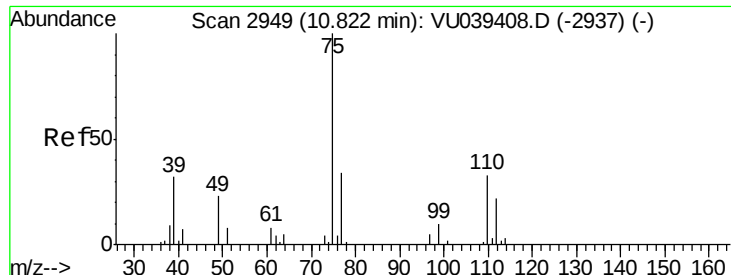
Tot Ion: 75 Resp: 1226
 Ion Ratio Lower Upper
 75 100
 77 42.3 22.3 41.3#



#48
 2-Hexanone
 Concen: 1.129 ug/L
 RT: 8.70 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: VU039409.D
 Acq: 09 Jul 2020 21:24

Tgt Ion: 43 Resp: 5244
 Ion Ratio Lower Upper
 43 100
 58 43.0 42.0 63.0
 57 12.8 14.0 21.0#
 100 1.4 8.2 12.2#





#59

1,2,3-Trichloropropane

Concen: 1.213 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039409.D

Acq: 09 Jul 2020 21:24

Instrument :

MSVOA_U

ClientSampleId :

VBLK02

Tot Ion: 75 Resp: 6749

Ion Ratio Lower Upper

75 100

77 42.8 26.8 40.2#

