

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072220\
 Data File : VU039620.D
 Acq On : 22 Jul 2020 10:41
 Operator : SY/MD
 Sample : VU0722WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK12

Quant Time: Jul 23 01:29:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 23 01:28:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	123778	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118288	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54159	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	25101	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.93	69	24331	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	2.58	63	43904	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.67	46	132207	51.02	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.04%
24) Chloroform-d	5.08	84	63659	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.72	65	43163	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.75	84	125796	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.70	67	41491	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.91	98	113014	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.19	79	17348	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.64	63	90819	45.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.28%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	38076	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	45929	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

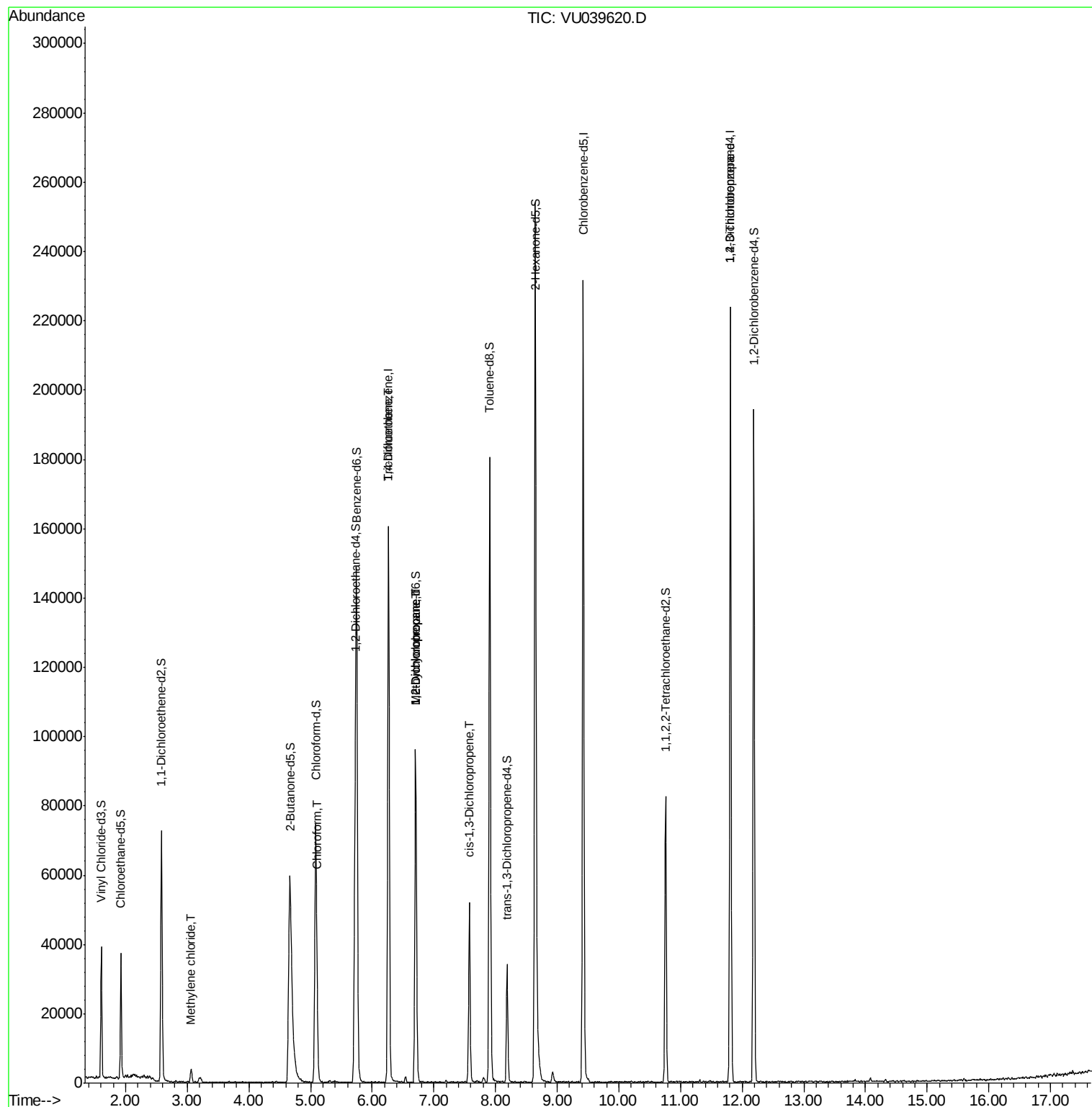
					Ovalue
16) Methylene chloride	3.07	84	1699	0.201 ug/L	88
25) Chloroform	5.11	83	5709	0.376 ug/L	92
34) Trichloroethene	6.27	95	2578	0.329 ug/L #	9
35) Methylcyclohexane	6.71	83	9932	0.864 ug/L #	18
37) 1,2-Dichloropropane	6.70	63	5288	0.668 ug/L #	90
39) cis-1,3-Dichloropropene	7.58	75	1638	0.144 ug/L	93
59) 1,2,3-Trichloropropane	11.81	75	8034	1.385 ug/L	89

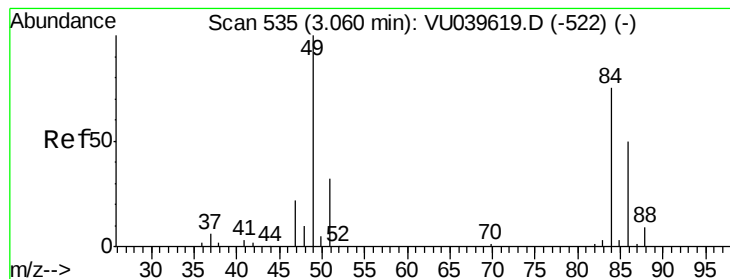
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 23 01:28:13 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.201 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.01 min

Lab File: VU039620.D

Acq: 22 Jul 2020 10:41

Instrument :

MSVOA_U

ClientSampleId :

VBLK12

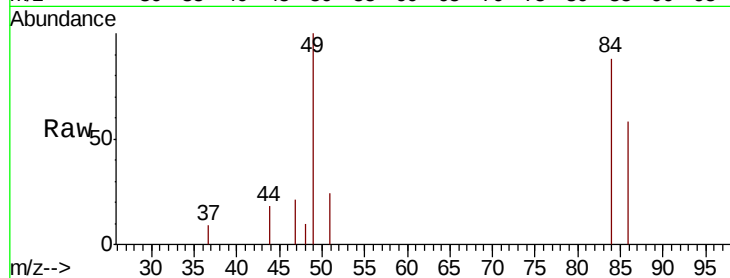
Tot Ion: 84 Resp: 1699

Ion Ratio Lower Upper

84 100

86 66.3 43.8 81.4

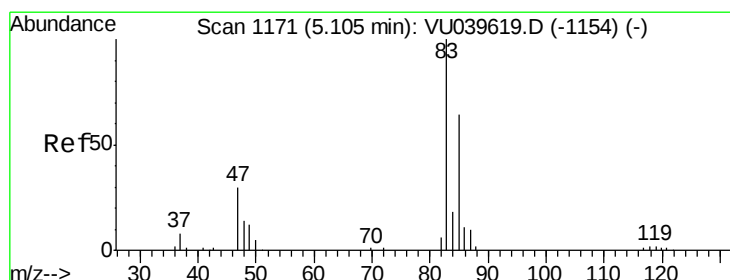
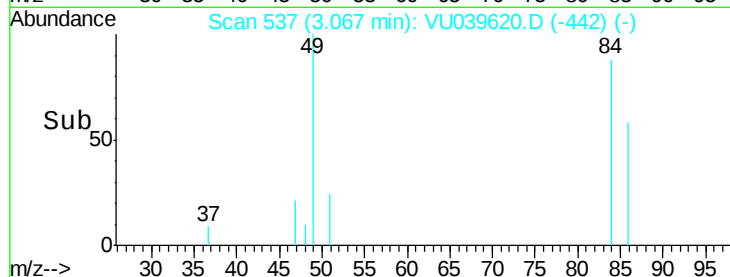
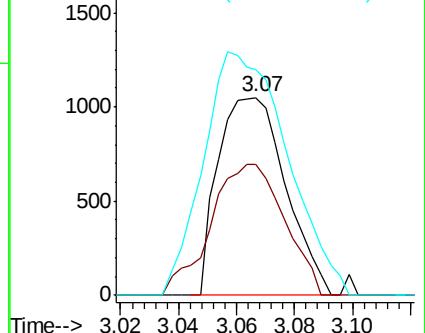
49 113.9 92.7 172.3



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: 0.376 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039620.D

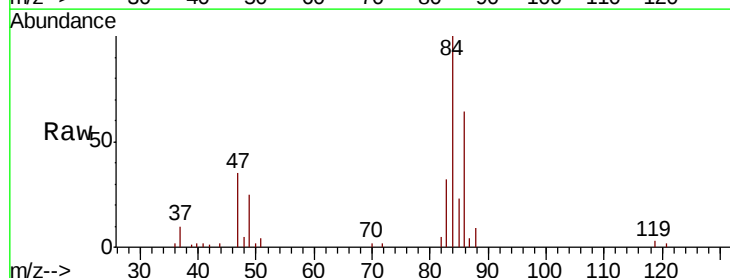
Acq: 22 Jul 2020 10:41

Tgt Ion: 83 Resp: 5709

Ion Ratio Lower Upper

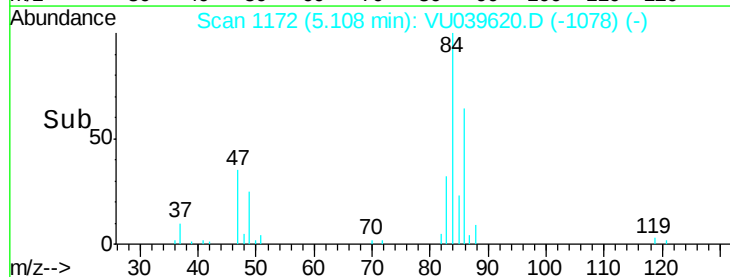
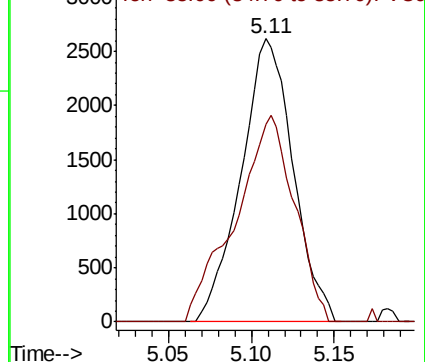
83 100

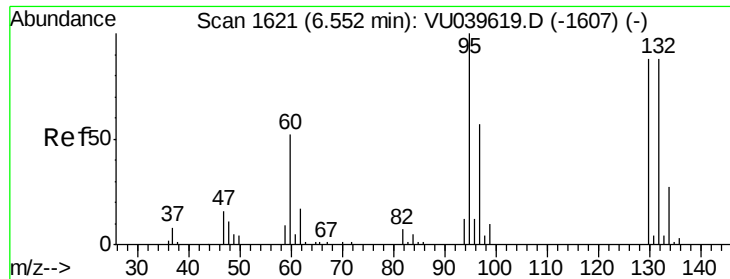
85 69.8 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

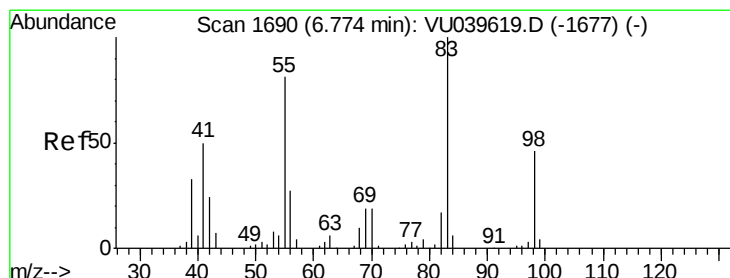
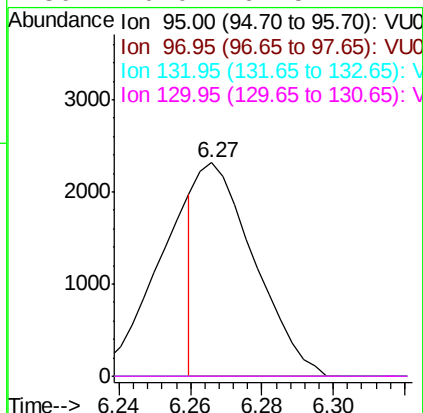
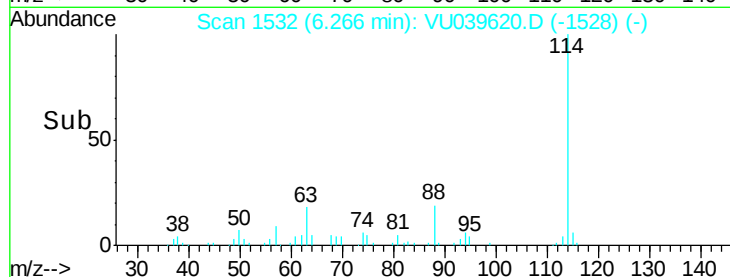
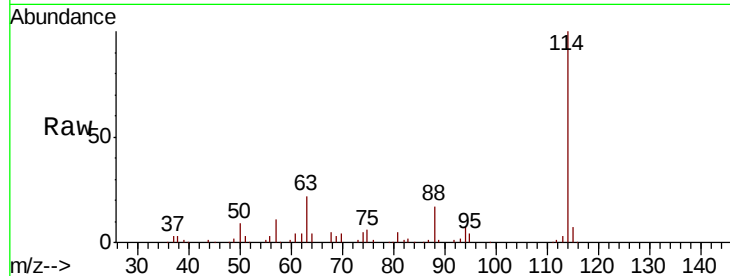




#34
 Trichloroethene
 Concen: 0.329 ug/L
 RT: 6.27 min Scan# 1532
 Delta R.T. -0.29 min
 Lab File: VU039620.D
 Acq: 22 Jul 2020 10:41

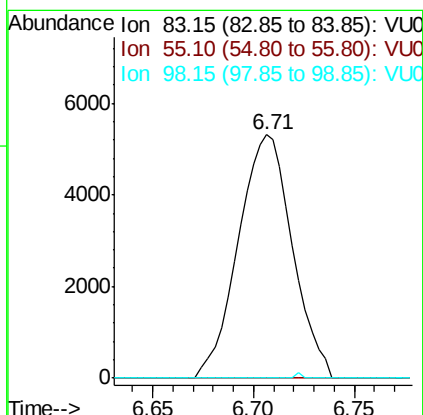
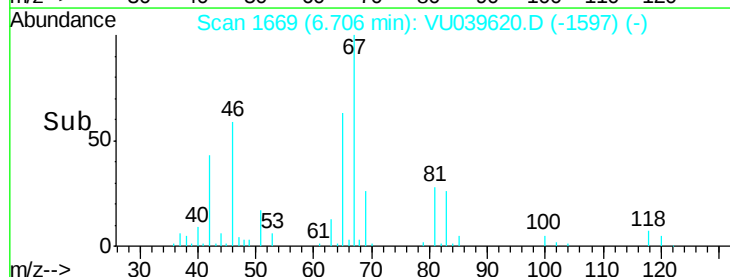
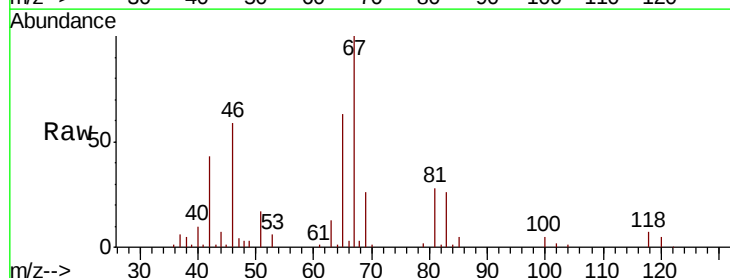
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 VBLK12

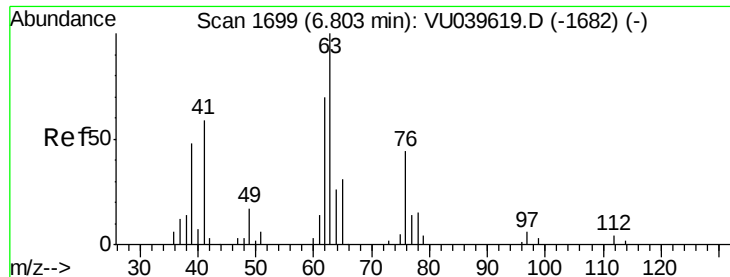
Tot Ion: 95 Resp: 2578
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.9 83.3#
 132 0.0 62.8 116.6#
 130 0.0 61.5 114.1#



#35
 Methylcyclohexane
 Concen: 0.864 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.07 min
 Lab File: VU039620.D
 Acq: 22 Jul 2020 10:41

Tgt Ion: 83 Resp: 9932
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.0 94.6#
 98 0.2 35.3 52.9#

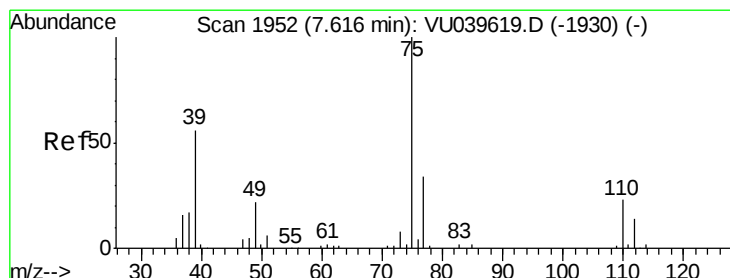
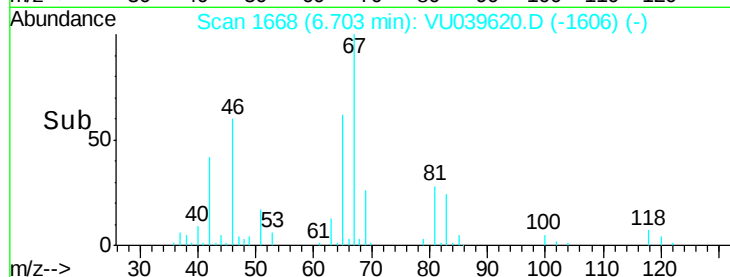
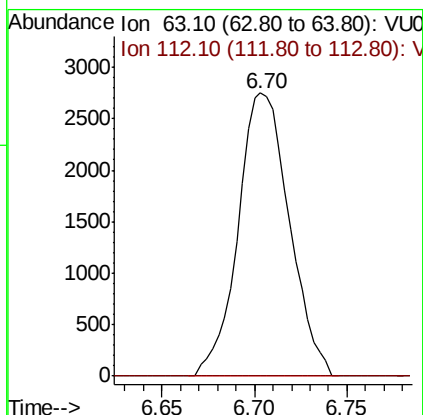
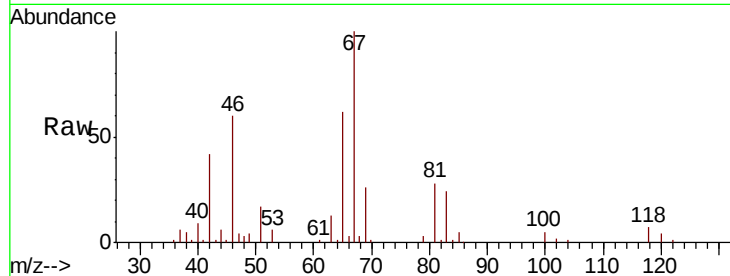




#37
 1,2-Dichloropropane
 Concen: 0.668 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039620.D
 Acq: 22 Jul 2020 10:41

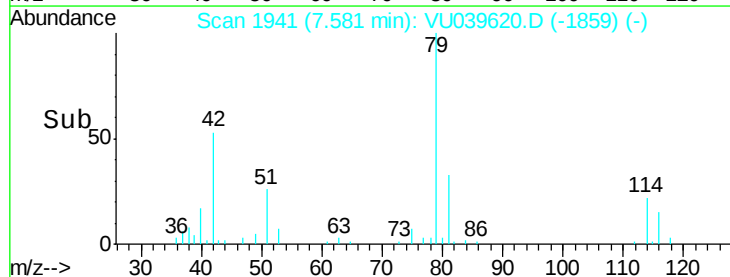
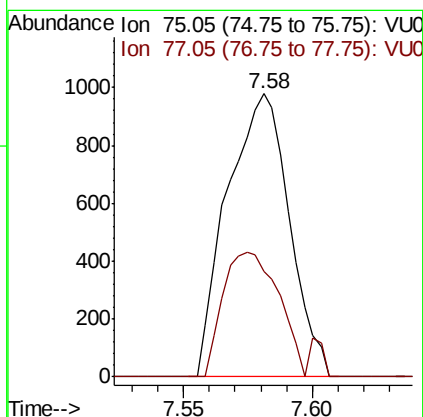
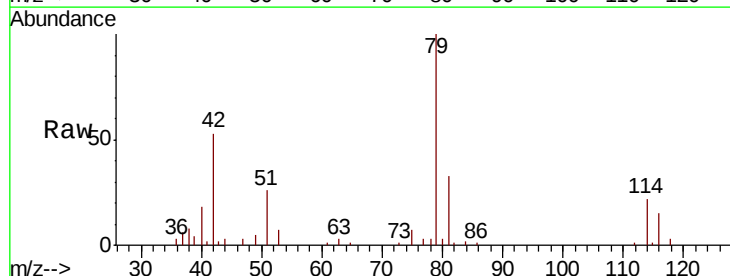
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 VBLK12

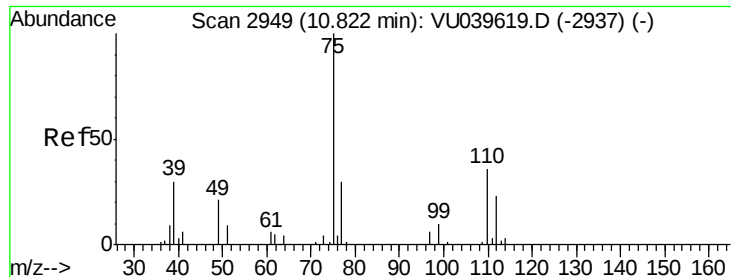
Tot Ion: 63 Resp: 5288
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.144 ug/L
 RT: 7.58 min Scan# 1941
 Delta R.T. -0.04 min
 Lab File: VU039620.D
 Acq: 22 Jul 2020 10:41

Tgt Ion: 75 Resp: 1638
 Ion Ratio Lower Upper
 75 100
 77 37.2 23.2 43.0





#59

1,2,3-Trichloropropane

Concen: 1.385 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039620.D

Acq: 22 Jul 2020 10:41

Instrument :

MSVOA_U

ClientSampleId :

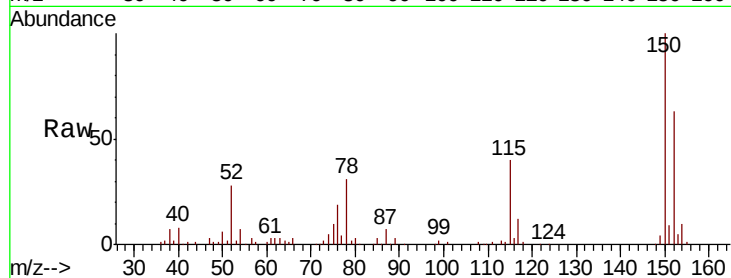
VBLK12

Tot Ion: 75 Resp: 8034

Ion Ratio Lower Upper

75 100

77 38.2 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

