

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070820\
 Data File : VU039361.D
 Acq On : 08 Jul 2020 21:17
 Operator : SY/MD
 Sample : VU0708WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK30

Quant Time: Jul 09 08:41:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 09 05:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	109083	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	101560	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49666	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31743	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.92	69	31263	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.58	63	47872	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	4.65	46	156767	54.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.38%
24) Chloroform-d	5.08	84	66345	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.72	65	44734	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.74	84	135903	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.70	67	47032	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.91	98	118914	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
43) trans-1,3-Dichloropropene-	8.19	79	19279	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
46) 2-Hexanone-d5	8.64	63	114139	50.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.46%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	44017	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	47393	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

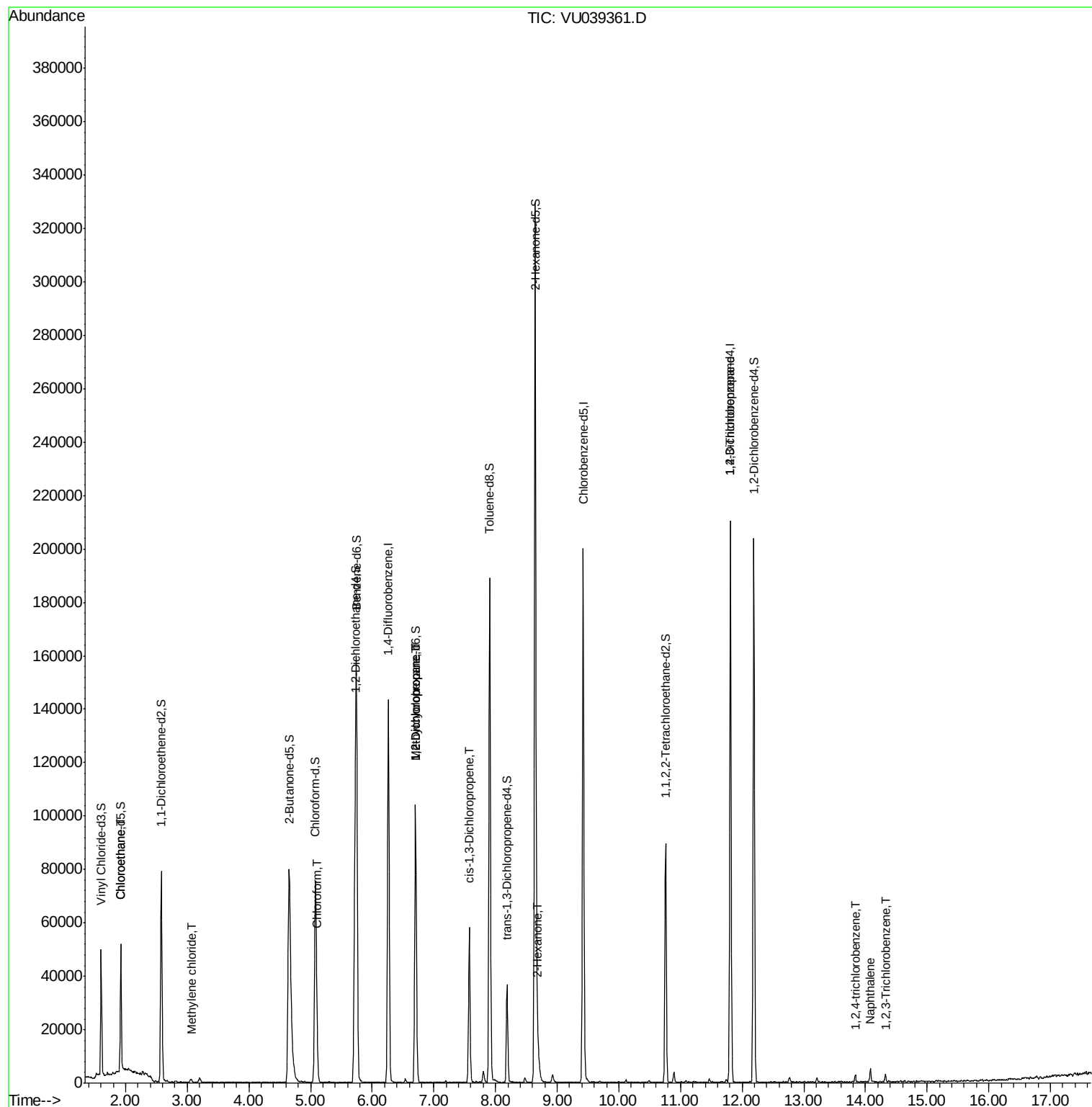
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.93	64	652	0.101	ug/L #	41
16) Methylene chloride	3.07	84	633	0.078	ug/L	88
25) Chloroform	5.11	83	4699	0.331	ug/L	86
35) Methylcyclohexane	6.70	83	10790	0.858	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5659	0.684	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1558	0.125	ug/L #	55
48) 2-Hexanone	8.69	43	7237	1.421	ug/L	93
59) 1,2,3-Trichloropropane	11.81	75	7988	1.309	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	1215	0.122	ug/L #	31
69) Naphthalene	14.08	128	4157	0.207	ug/L #	92
70) 1,2,3-Trichlorobenzene	14.33	180	1103	0.119	ug/L	97

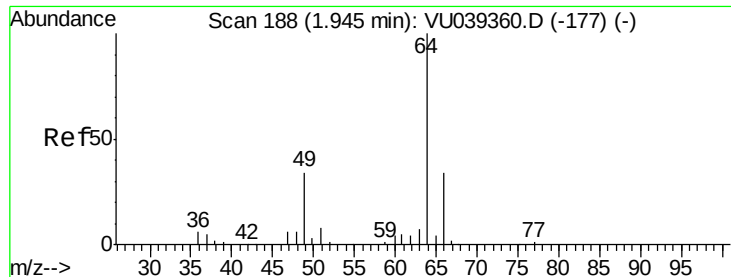
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VBLK30

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 09 05:48:41 2020
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#8

Chloroethane

Concen: 0.101 ug/L

RT: 1.93 min Scan# 183

Delta R.T. -0.02 min

Lab File: VU039361.D

Acq: 08 Jul 2020 21:17

Instrument :

MSVOA_U

ClientSampleId :

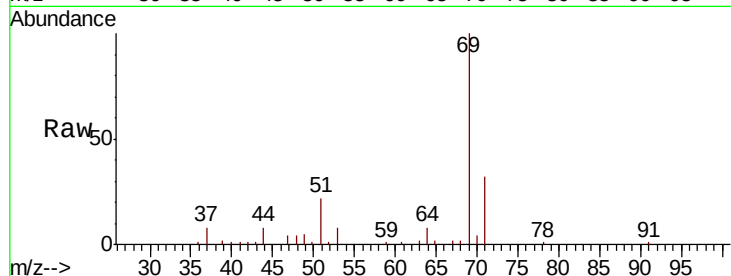
VBLK30

Tot Ion: 64 Resp: 652

Ion Ratio Lower Upper

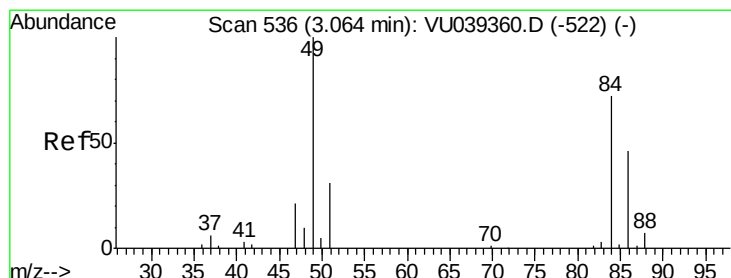
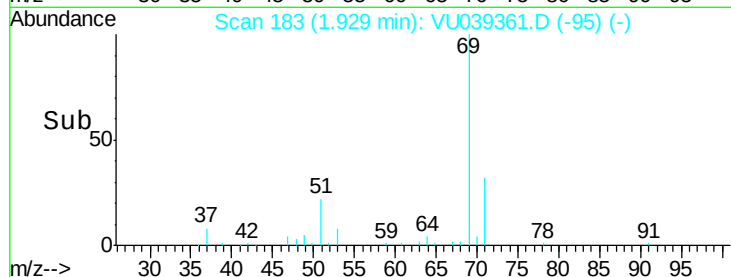
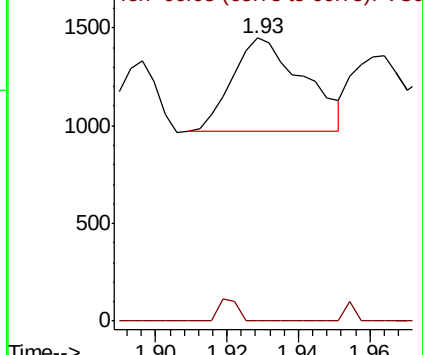
64 100

66 0.0 23.5 43.7#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#16

Methylene chloride

Concen: 0.078 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.00 min

Lab File: VU039361.D

Acq: 08 Jul 2020 21:17

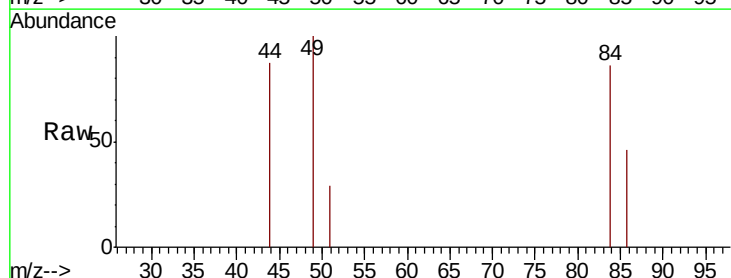
Tgt Ion: 84 Resp: 633

Ion Ratio Lower Upper

84 100

86 52.9 43.5 80.9

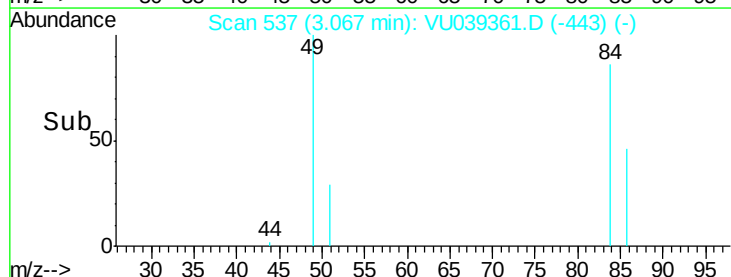
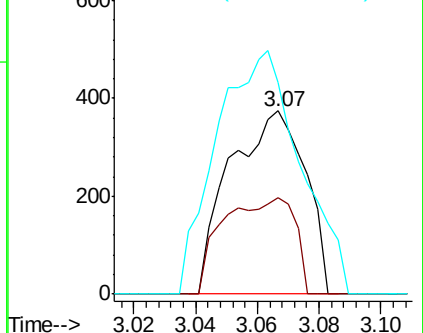
49 116.0 91.1 169.1

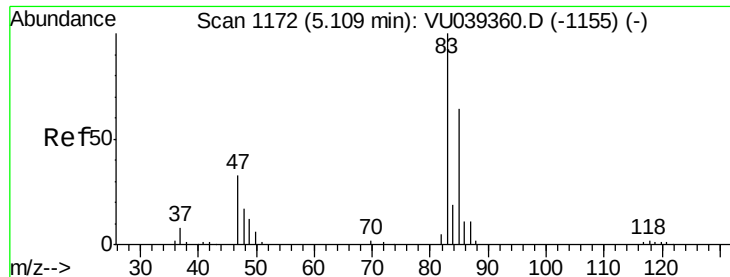


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

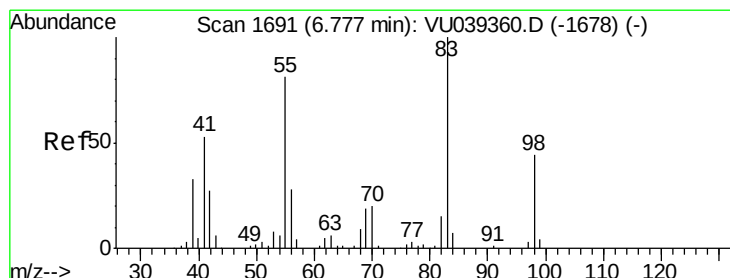
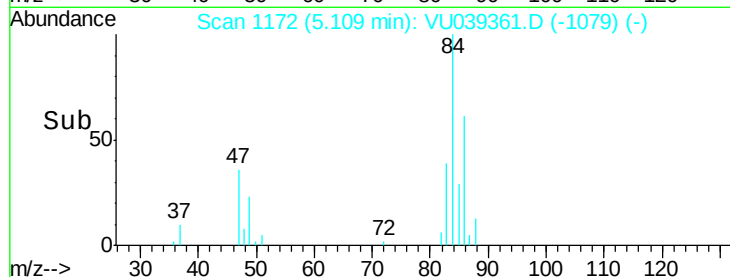
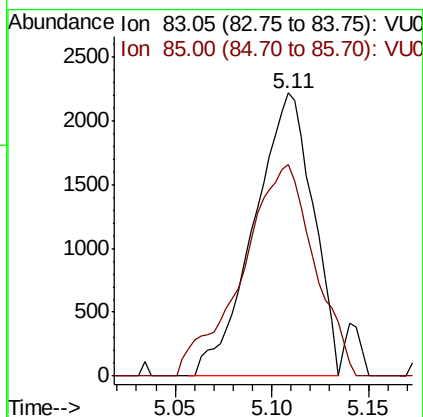
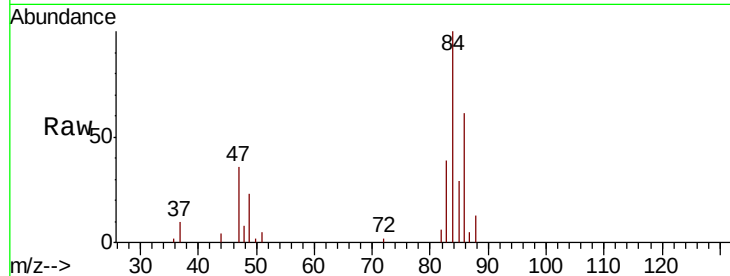




#25
Chloroform
Concen: 0.331 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. -0.00 min
Lab File: VU039361.D
Acq: 08 Jul 2020 21:17

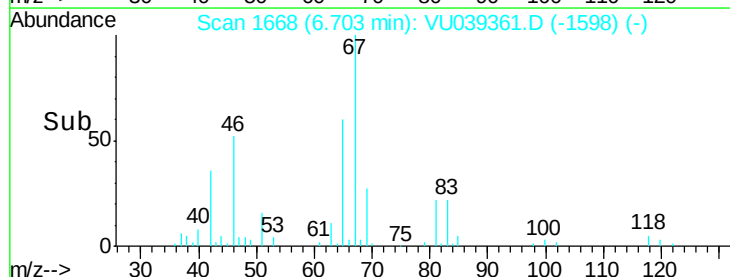
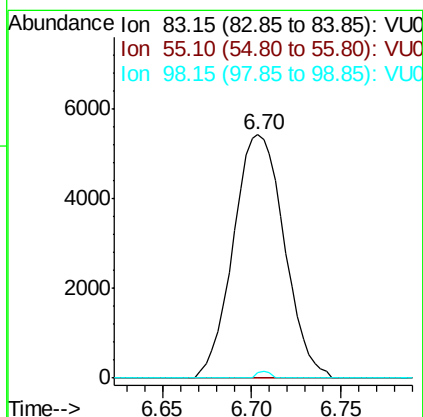
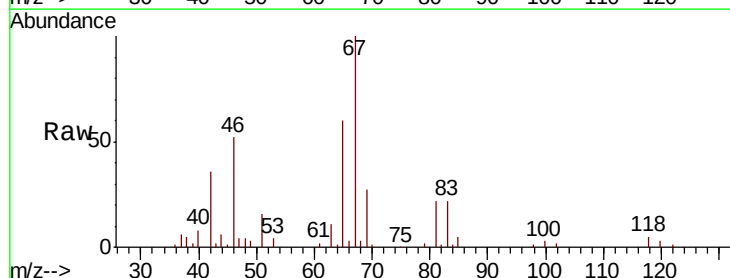
Instrument :
MSVOA_U
ClientSampleId :
VBLK30

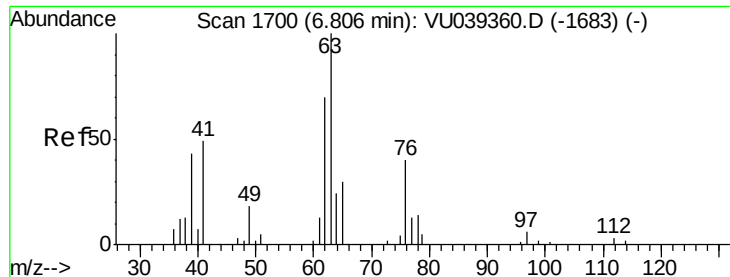
Tot Ion: 83 Resp: 4699
Ion Ratio Lower Upper
83 100
85 74.9 44.9 83.5



#35
Methylcyclohexane
Concen: 0.858 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039361.D
Acq: 08 Jul 2020 21:17

Tgt Ion: 83 Resp: 10790
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.7 35.9 53.9#

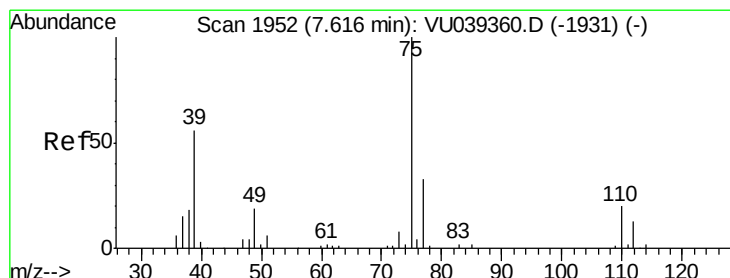
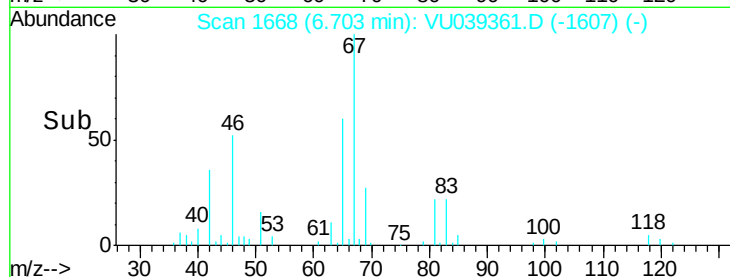
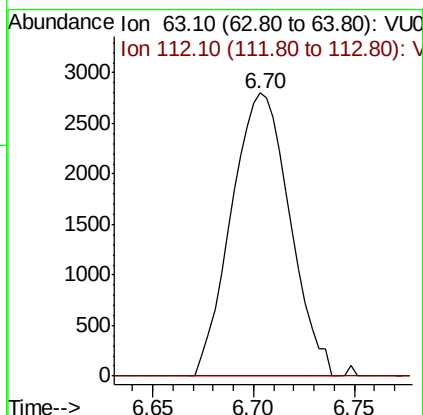
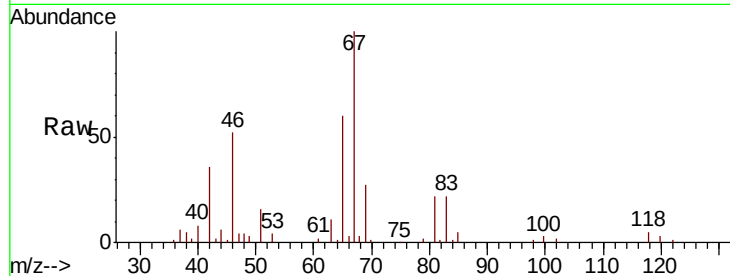




#37
 1,2-Dichloropropane
 Concen: 0.684 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039361.D
 Acq: 08 Jul 2020 21:17

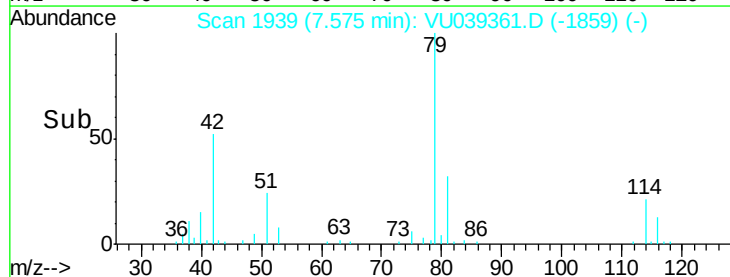
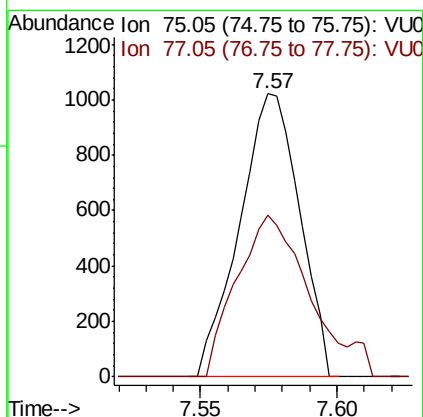
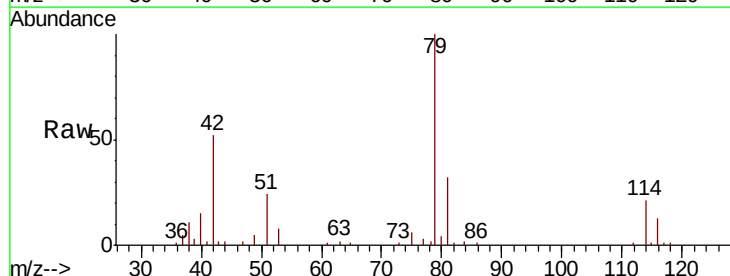
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK30

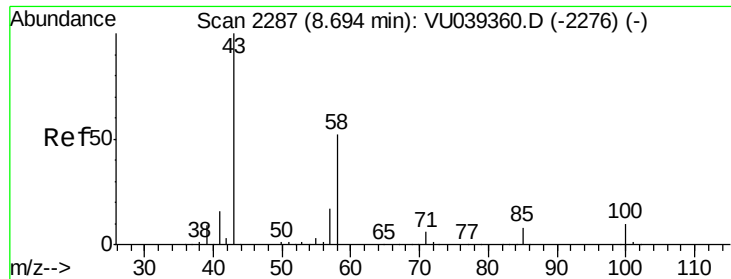
Tot Ion: 63 Resp: 5659
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039361.D
 Acq: 08 Jul 2020 21:17

Tgt Ion: 75 Resp: 1558
 Ion Ratio Lower Upper
 75 100
 77 57.0 22.3 41.3#

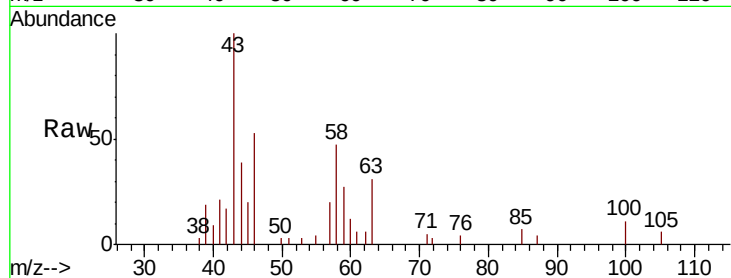




#48
2-Hexanone
Concen: 1.421 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.00 min
Lab File: VU039361.D
Acq: 08 Jul 2020 21:17

Instrument :
MSVOA_U
ClientSampleId :
VBLK30

Tot Ion:	43	Resp:	7237
Ion	Ratio	Lower	Upper
43	100		
58	45.5	42.0	63.0
57	18.0	14.0	21.0
100	8.5	8.2	12.2

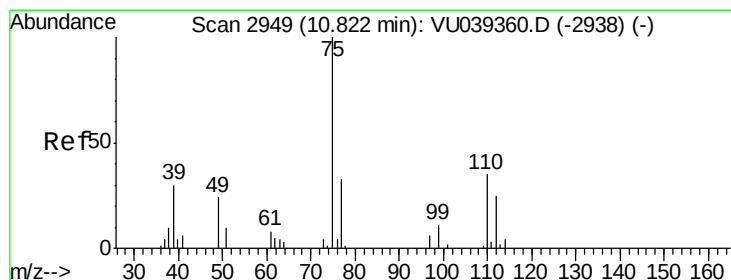
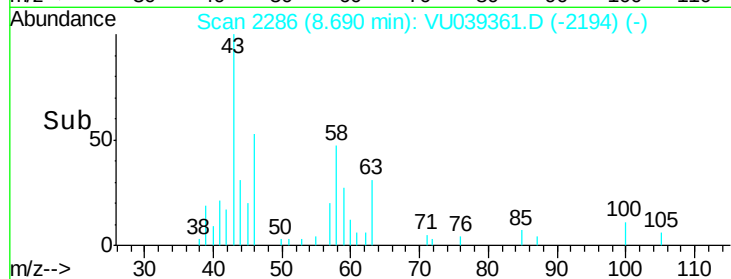
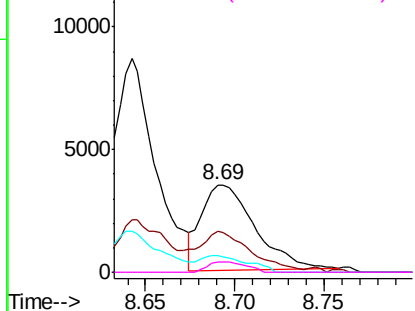


Abundance Ion 43.05 (42.75 to 43.75): VU039361.D (-2194) (-)

Ion 58.05 (57.75 to 58.75): VU039361.D (-2194) (-)

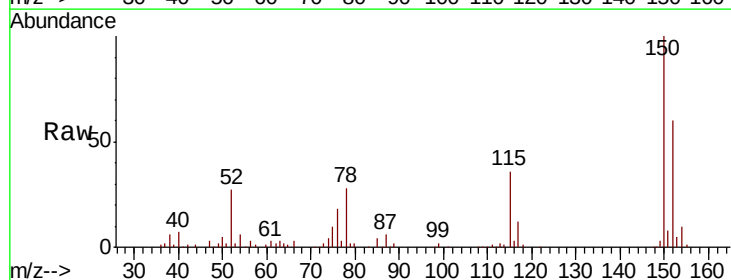
Ion 57.20 (56.90 to 57.90): VU039361.D (-2194) (-)

Ion 100.15 (99.85 to 100.85): VU039361.D (-2194) (-)



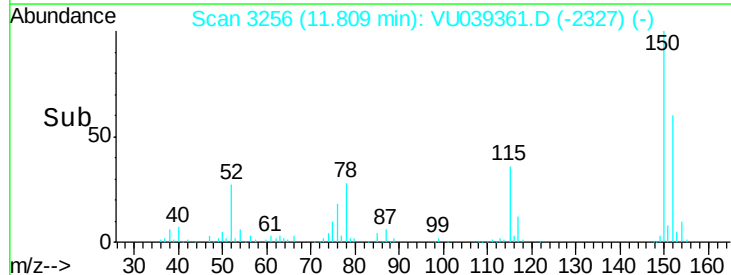
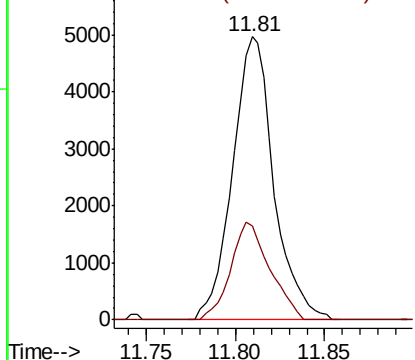
#59
1,2,3-Trichloropropane
Concen: 1.309 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039361.D
Acq: 08 Jul 2020 21:17

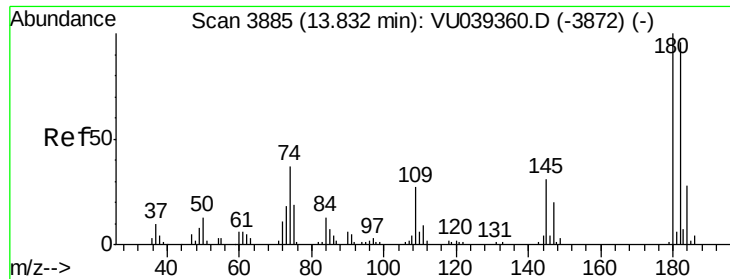
Tgt Ion:	75	Resp:	7988
Ion	Ratio	Lower	Upper
75	100		
77	32.8	26.8	40.2



Abundance Ion 75.00 (74.70 to 75.70): VU039361.D (-2327) (-)

Ion 77.00 (76.70 to 77.70): VU039361.D (-2327) (-)

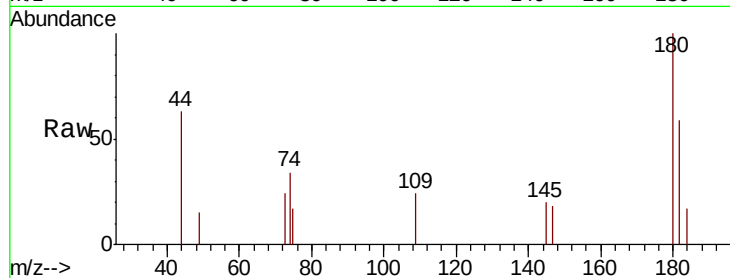




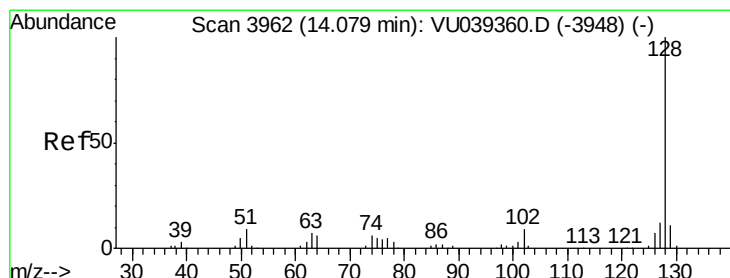
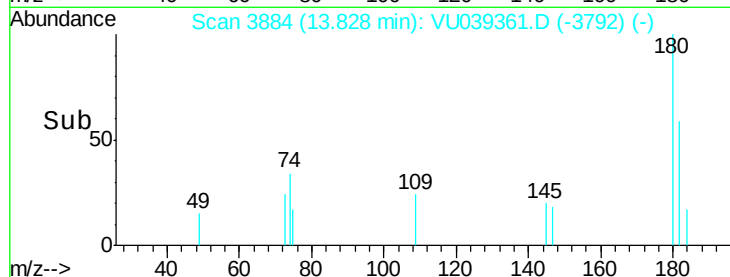
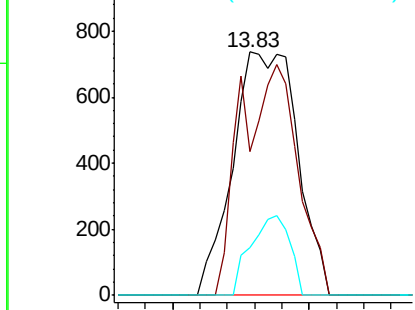
#68
 1,2,4-trichlorobenzene
 Concen: 0.122 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU039361.D
 Acq: 08 Jul 2020 21:17

Instrument :
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Tot Ion:180 Resp: 1215
 Ion Ratio Lower Upper
 180 100
 182 26.8 79.4 119.2#
 145 0.0 26.4 39.6#

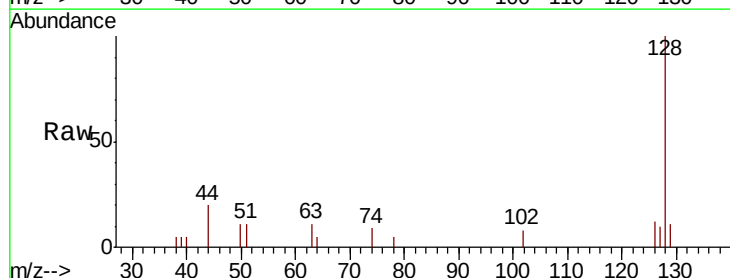


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

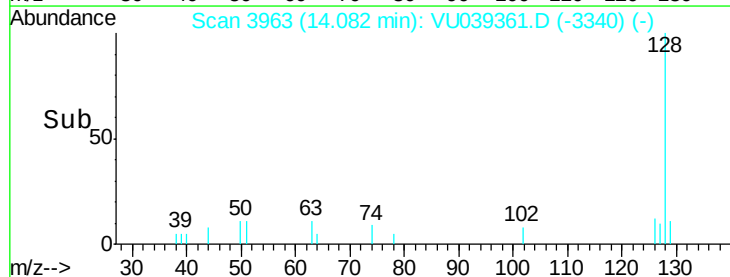
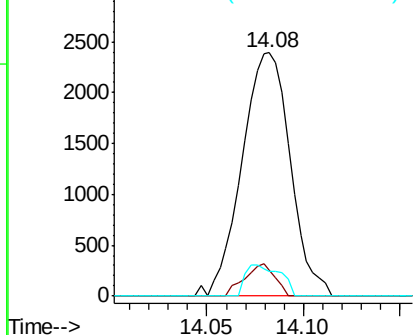


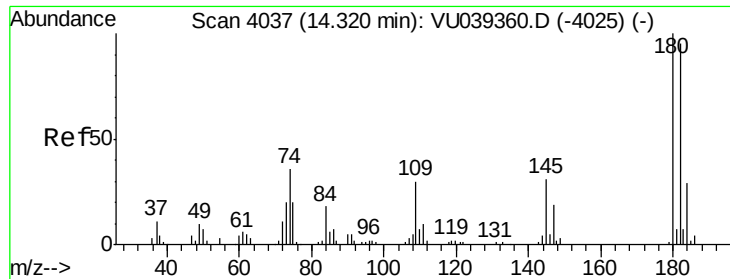
#69
 Naphthalene
 Concen: 0.207 ug/L
 RT: 14.08 min Scan# 3963
 Delta R.T. 0.00 min
 Lab File: VU039361.D
 Acq: 08 Jul 2020 21:17

Tgt Ion:128 Resp: 4157
 Ion Ratio Lower Upper
 128 100
 129 8.2 8.6 13.0#
 127 9.1 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#70

1,2,3-Trichlorobenzene

Concen: 0.119 ug/L

RT: 14.33 min Scan# 4039

Delta R.T. 0.01 min

Lab File: VU039361.D

Acq: 08 Jul 2020 21:17

Instrument :

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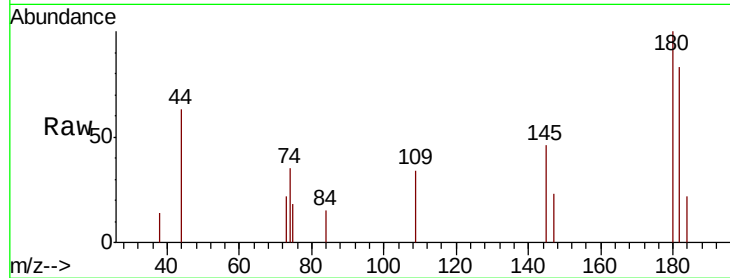
Tot Ion:180 Resp: 1103

Ion Ratio Lower Upper

180 100

182 91.9 74.2 111.2

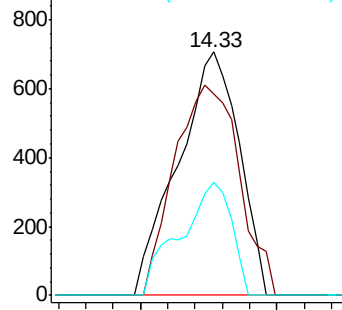
145 39.2 27.6 41.4



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V



Time-->

