

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100220\
 Data File : VU040452.D
 Acq On : 02 Oct 2020 11:47
 Operator : SY/MD
 Sample : VU1002WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK21

Quant Time: Oct 03 00:16:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 03 00:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	123329	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120499	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54084	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	35504	5.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.40%
7) Chloroethane-d5	1.92	69	28258	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.58	63	57222	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.66	46	139055	45.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.70%
24) Chloroform-d	5.08	84	67711	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.72	65	45301	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.75	84	137222	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
36) 1,2-Dichloropropane-d6	6.70	67	46995	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.91	98	117742	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
43) trans-1,3-Dichloropropene-	8.19	79	18505	5.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.40%
46) 2-Hexanone-d5	8.64	63	93438	43.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	37609	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	44670	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

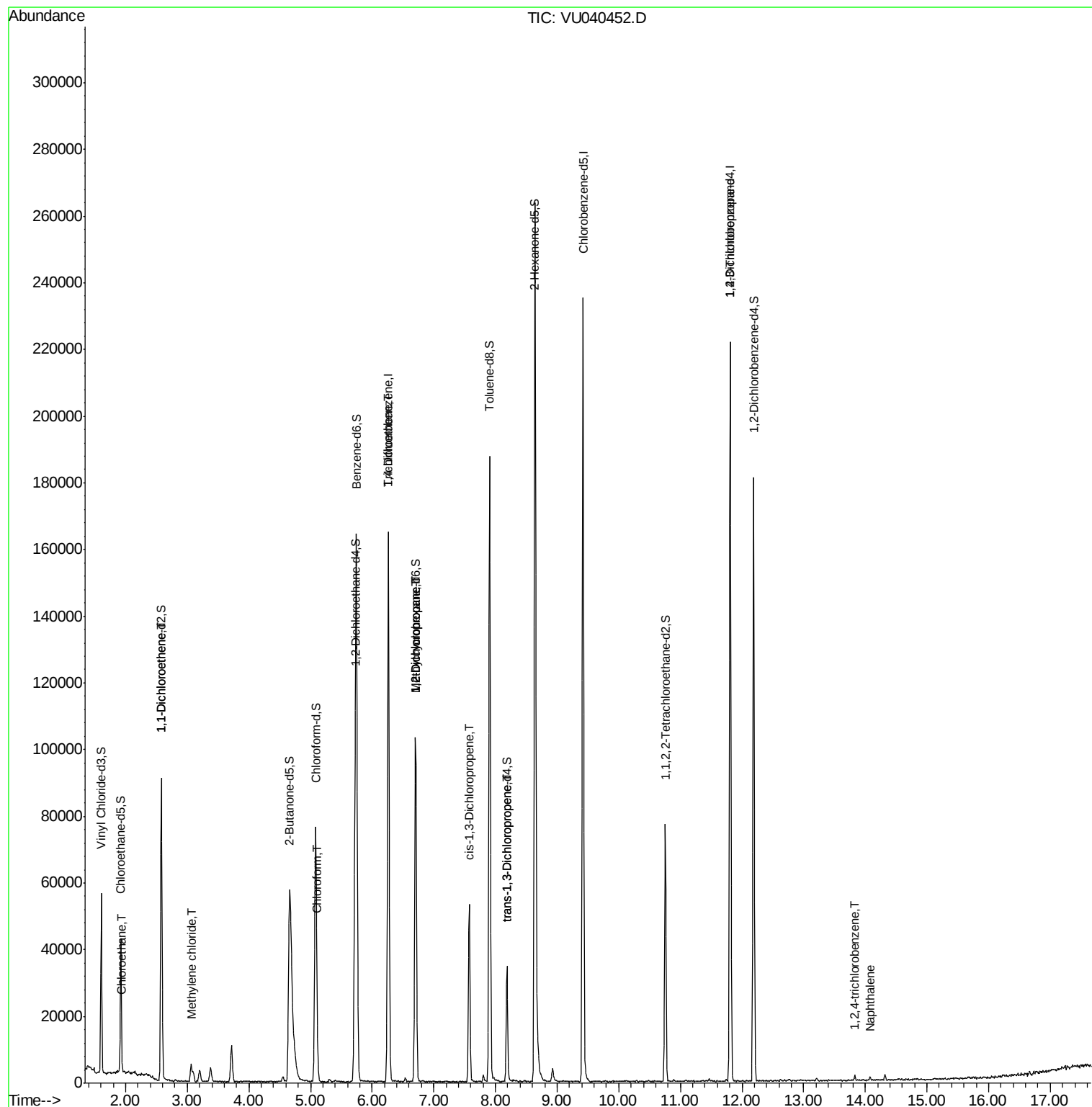
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	415	0.059	ug/L #	44
12) 1,1-Dichloroethene	2.58	96	544	0.058	ug/L #	1
16) Methylene chloride	3.06	84	2314	0.196	ug/L	94
25) Chloroform	5.11	83	5177	0.255	ug/L	92
34) Trichloroethene	6.26	95	2277	0.212	ug/L #	8
35) Methylcyclohexane	6.70	83	10885	0.692	ug/L #	14
37) 1,2-Dichloropropane	6.71	63	5347	0.475	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1412	0.094	ug/L	83
44) trans-1,3-Dichloropropene	8.18	75	940	0.068	ug/L	84
59) 1,2,3-Trichloropropane	11.81	75	7733	0.948	ug/L	91
68) 1,2,4-trichlorobenzene	13.83	180	639	0.062	ug/L #	74
69) Naphthalene	14.07	128	1440	0.082	ug/L #	77

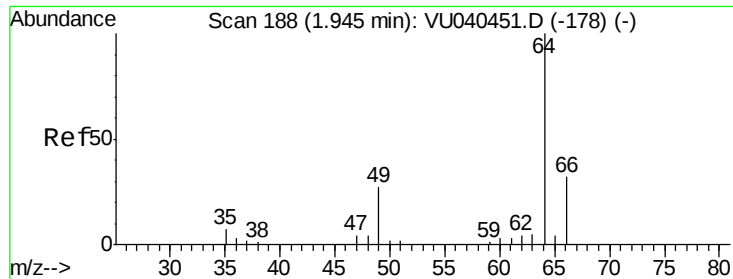
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 03 00:09:31 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.059 ug/L

RT: 1.95 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU040452.D

Acq: 02 Oct 2020 11:47

Instrument :

MSVOA_U

ClientSampled :

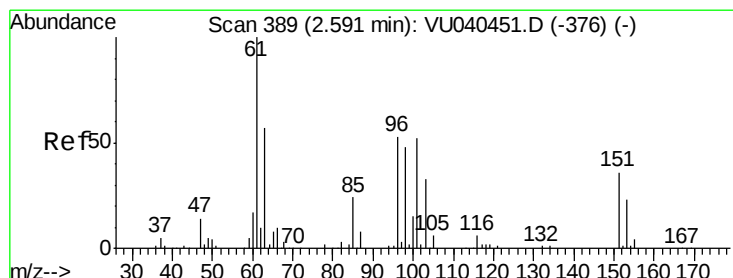
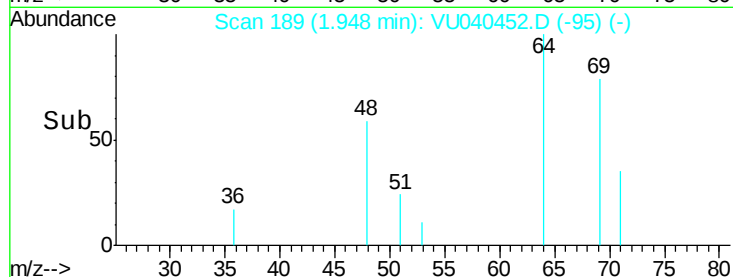
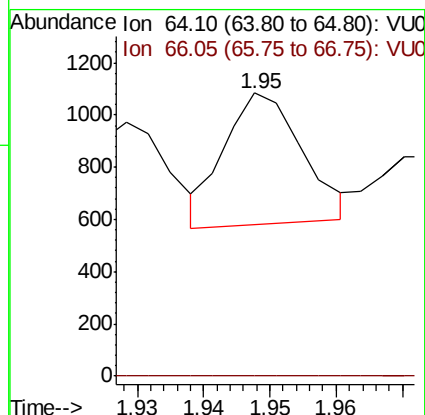
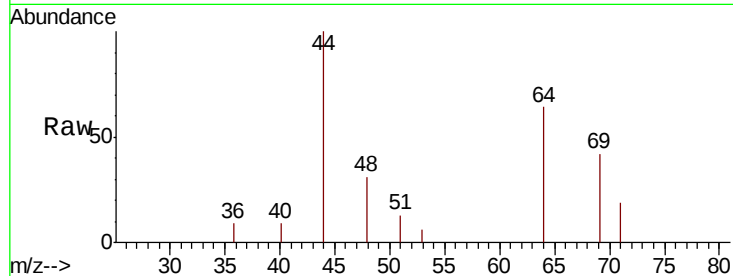
VBLK21

Tot Ion: 64 Resp: 415

Ion Ratio Lower Upper

64 100

66 0.0 21.3 39.6#



#12

1,1-Dichloroethene

Concen: 0.058 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU040452.D

Acq: 02 Oct 2020 11:47

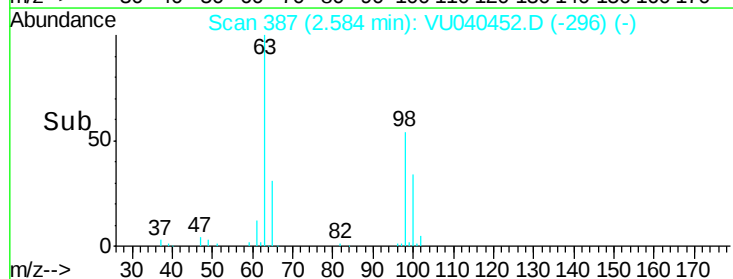
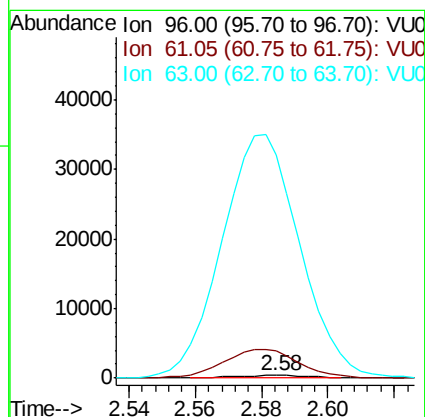
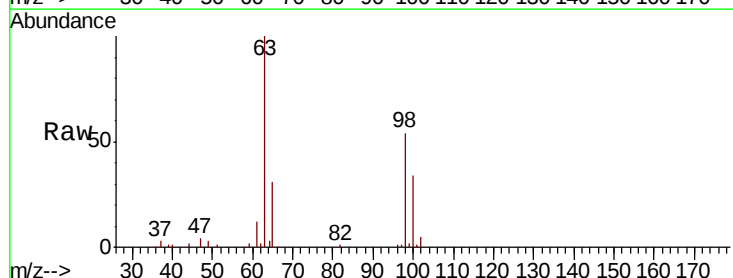
Tgt Ion: 96 Resp: 544

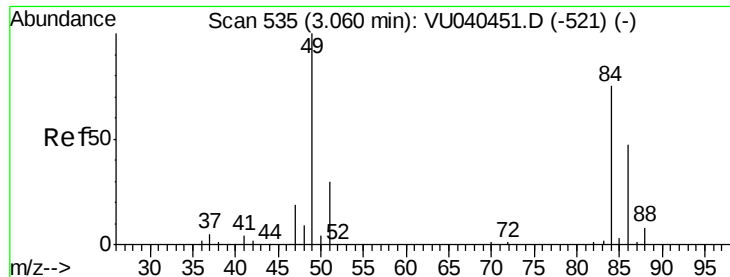
Ion Ratio Lower Upper

96 100

61 1010.5 128.6 238.8#

63 8374.9 67.8 126.0#

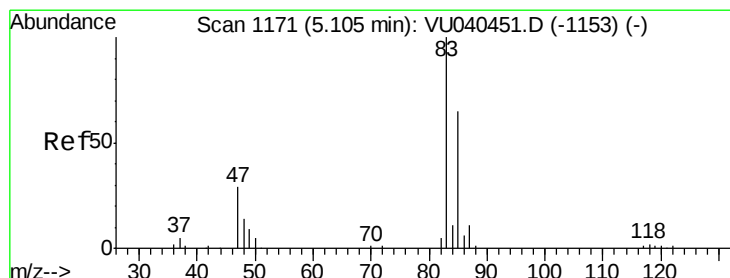
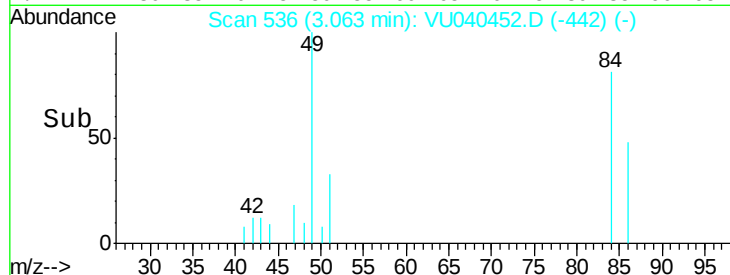
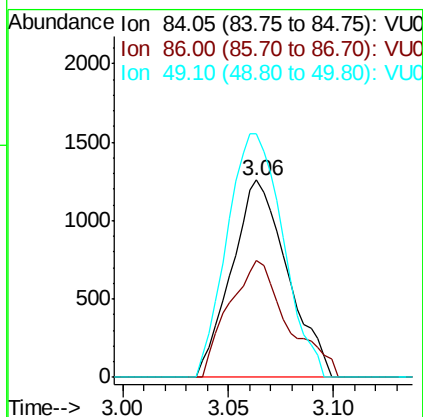
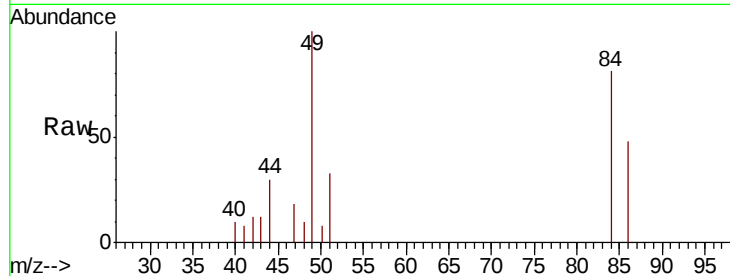




#16
Methvlene chloride
Concen: 0.196 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU040452.D
Acq: 02 Oct 2020 11:47

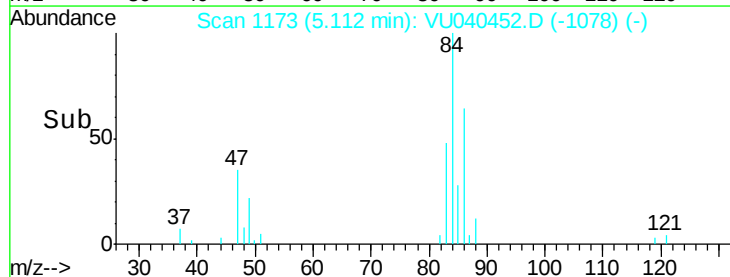
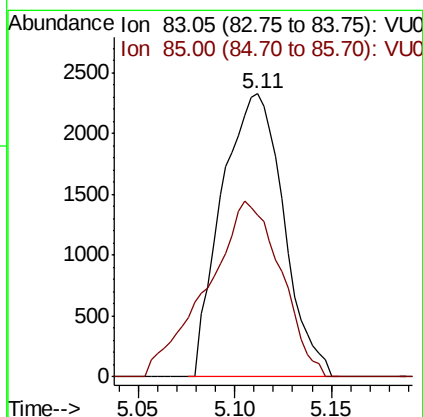
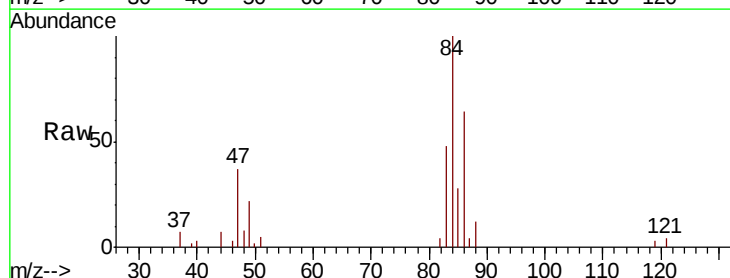
Instrument :
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VBLK21

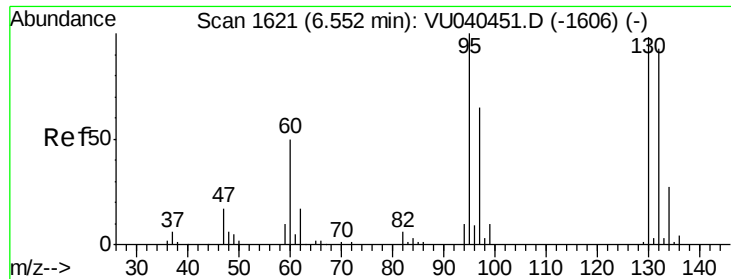
Tot Ion: 84 Resp: 2314
Ion Ratio Lower Upper
84 100
86 59.3 44.4 82.5
49 123.5 92.2 171.2



#25
Chloroform
Concen: 0.255 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU040452.D
Acq: 02 Oct 2020 11:47

Tgt Ion: 83 Resp: 5177
Ion Ratio Lower Upper
83 100
85 57.3 44.6 82.8

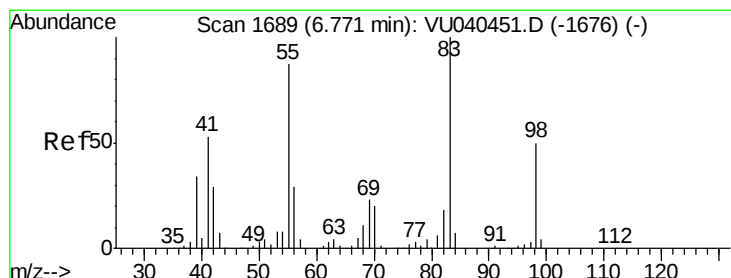
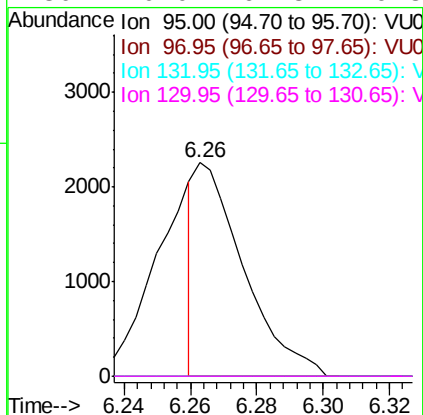
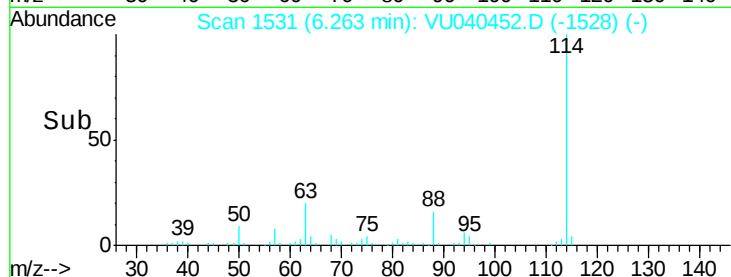
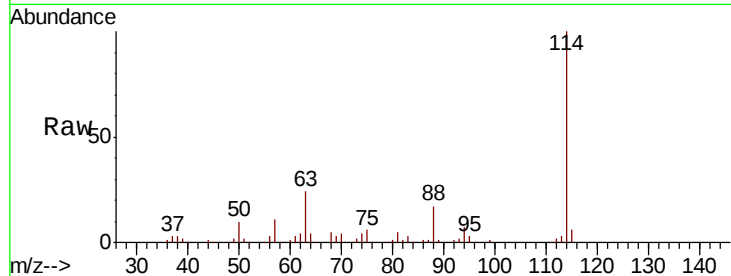




#34
 Trichloroethene
 Concen: 0.212 ug/L
 RT: 6.26 min Scan# 1531
 Delta R.T. -0.29 min
 Lab File: VU040452.D
 Acq: 02 Oct 2020 11:47

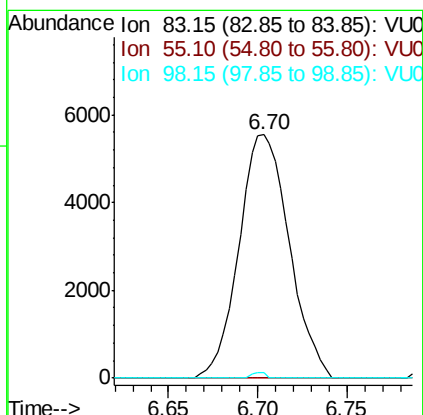
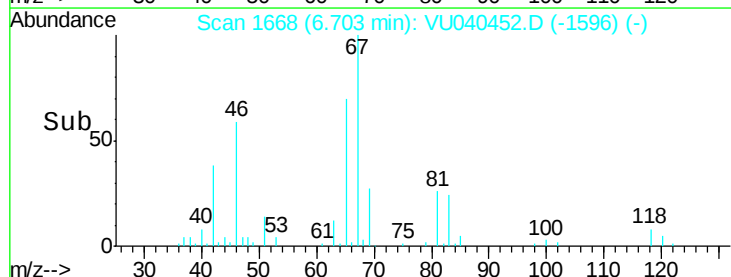
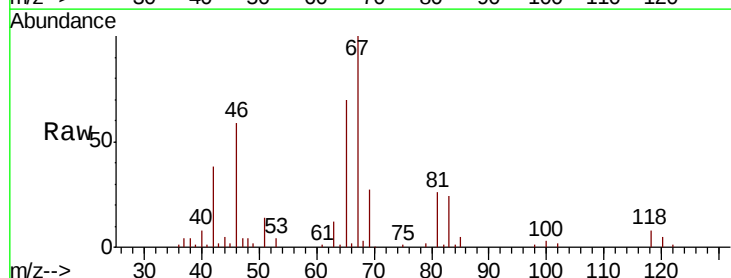
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK21

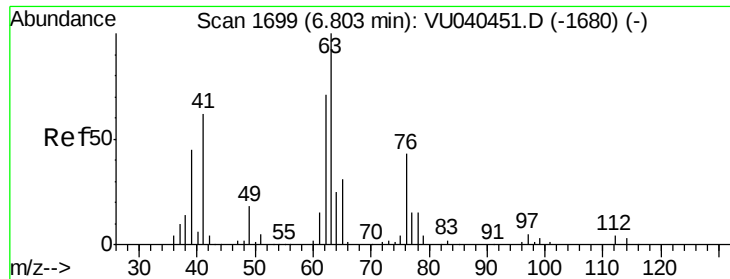
Tot Ion: 95 Resp: 2277
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.3 85.9#
 132 0.0 60.5 112.3#
 130 0.0 64.3 119.3#



#35
 Methylcyclohexane
 Concen: 0.692 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040452.D
 Acq: 02 Oct 2020 11:47

Tgt Ion: 83 Resp: 10885
 Ion Ratio Lower Upper
 83 100
 55 0.0 71.4 107.2#
 98 0.7 38.5 57.7#

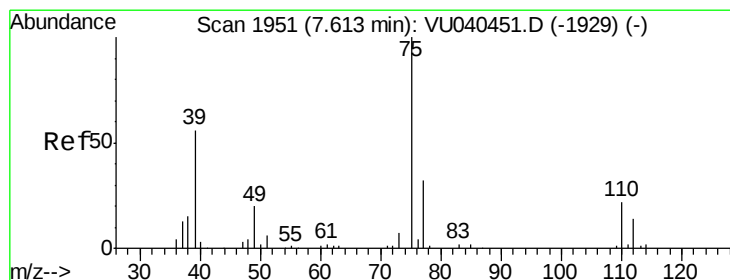
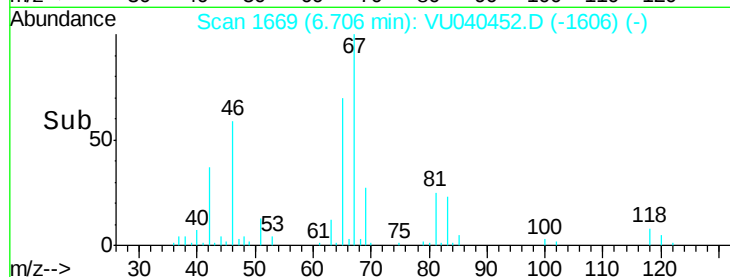
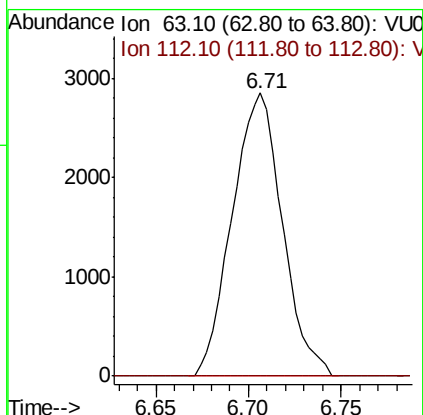
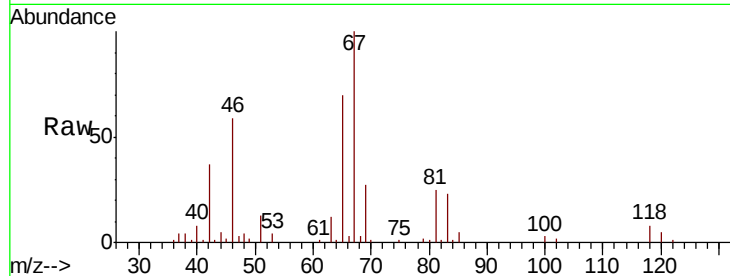




#37
 1,2-Dichloropropane
 Concen: 0.475 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU040452.D
 Acq: 02 Oct 2020 11:47

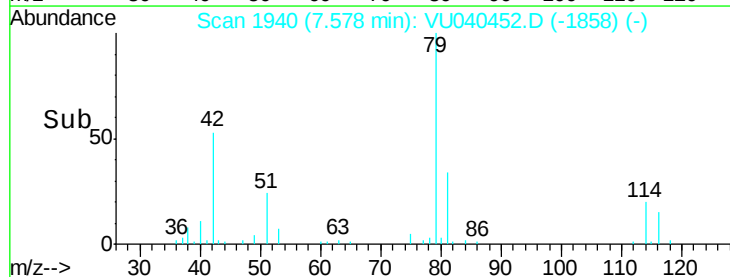
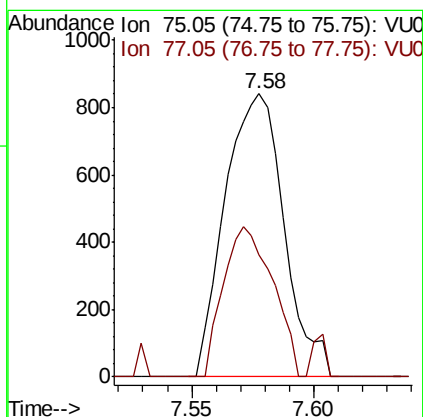
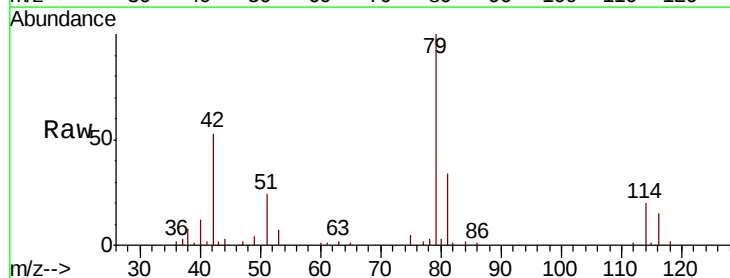
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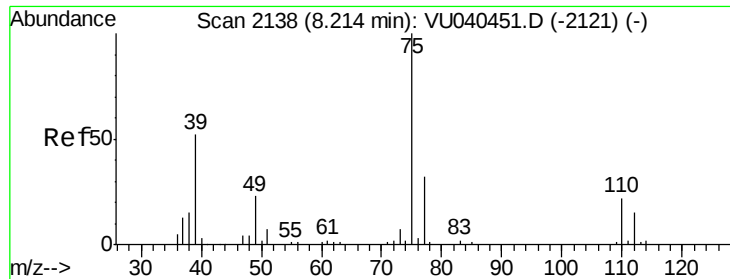
Tot Ion: 63 Resp: 5347
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040452.D
 Acq: 02 Oct 2020 11:47

Tgt Ion: 75 Resp: 1412
 Ion Ratio Lower Upper
 75 100
 77 43.0 23.5 43.7





#44

trans-1,3-Dichloropropene

Concen: 0.068 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040452.D

Acq: 02 Oct 2020 11:47

Instrument :

MSVOA_U

ClientSampleId :

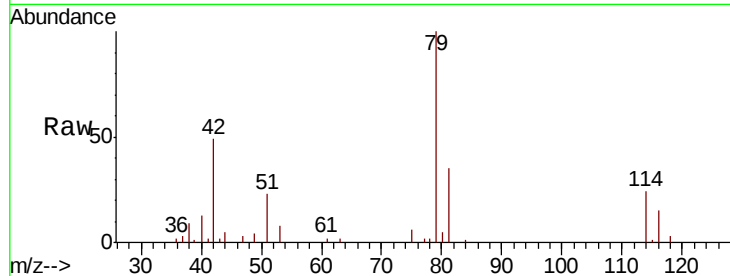
VBLK21

Tot Ion: 75 Resp: 940

Ion Ratio Lower Upper

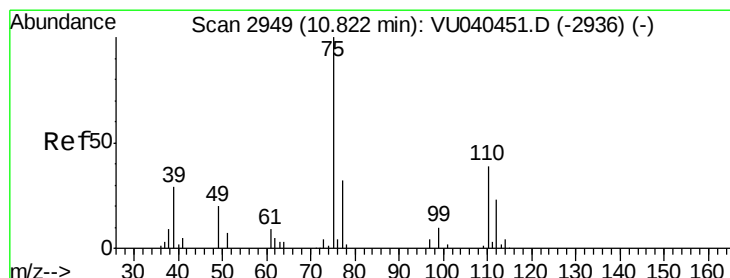
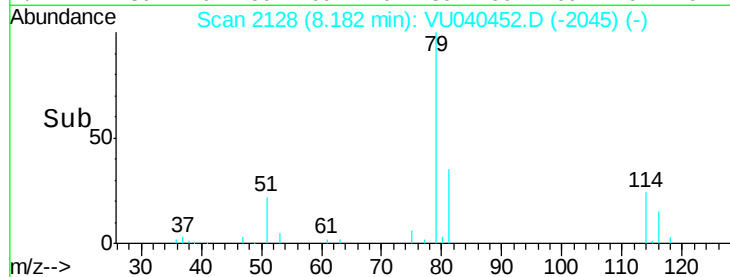
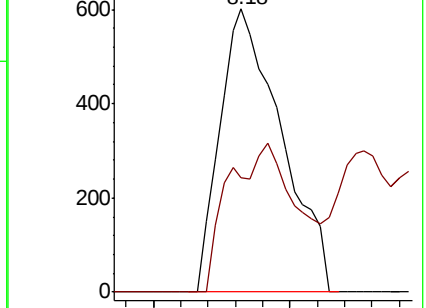
75 100

77 40.6 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.948 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040452.D

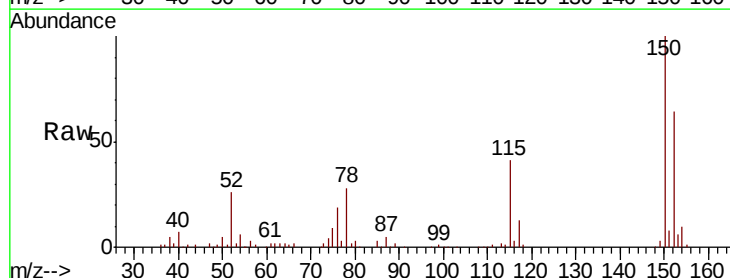
Acq: 02 Oct 2020 11:47

Tgt Ion: 75 Resp: 7733

Ion Ratio Lower Upper

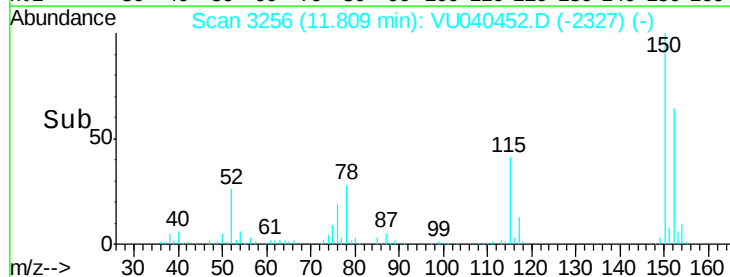
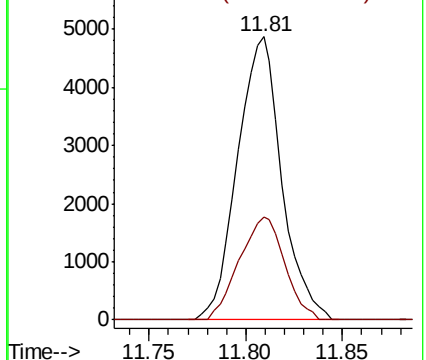
75 100

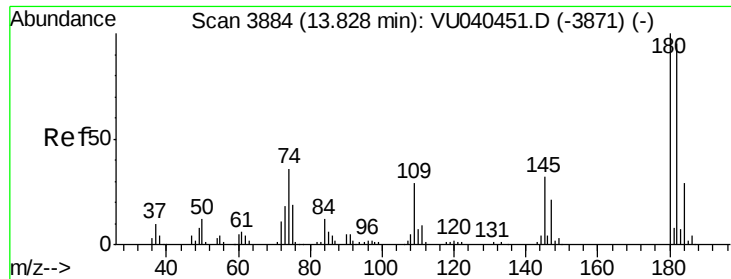
77 37.3 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

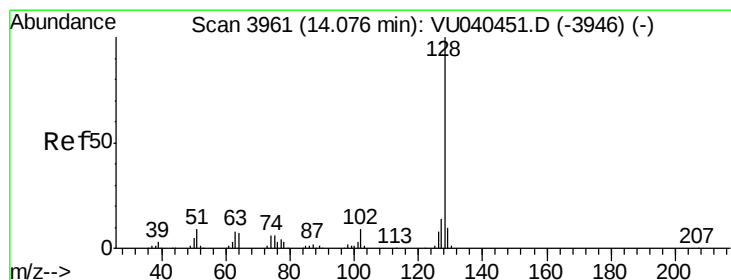
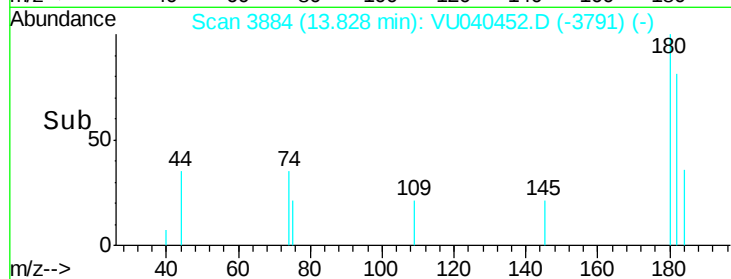
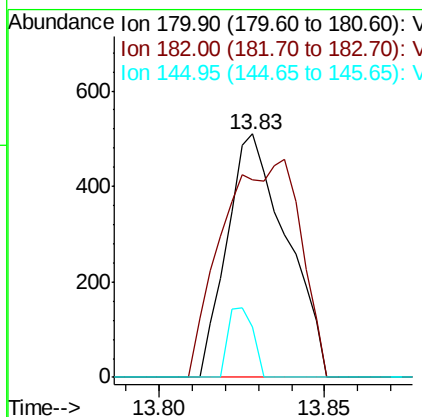
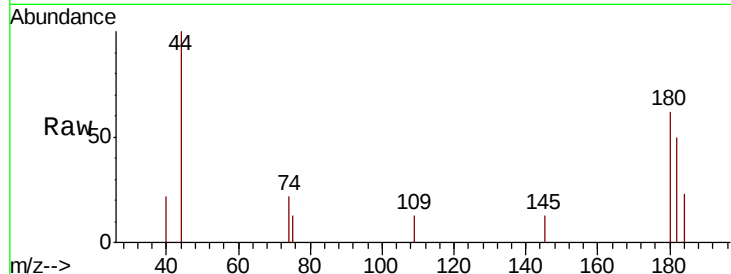




#68
 1,2,4-trichlorobenzene
 Concen: 0.062 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
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Tot Ion:180 Resp: 639
 Ion Ratio Lower Upper
 180 100
 182 117.2 76.6 115.0#
 145 11.9 26.3 39.5#



#69
 Naphthalene
 Concen: 0.082 ug/L
 RT: 14.07 min Scan# 3960
 Delta R.T. -0.00 min
 Lab File: VU040452.D
 Acq: 02 Oct 2020 11:47

Tgt Ion:128 Resp: 1440
 Ion Ratio Lower Upper
 128 100
 129 2.8 8.2 12.4#
 127 2.8 10.2 15.4#

