

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101420\
 Data File : VU040707.D
 Acq On : 14 Oct 2020 18:30
 Operator : SY/MD
 Sample : L4346-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Oct 15 05:33:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 15 05:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	114683	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121976	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50982	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	45603	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.92	69	39082	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.58	63	70295	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.66	46	164431	54.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.14%
24) Chloroform-d	5.08	84	88395	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.72	65	55779	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.74	84	165482	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.70	67	56138	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.91	98	131499	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.19	79	21442	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.64	63	115027	48.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48656	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	52223	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

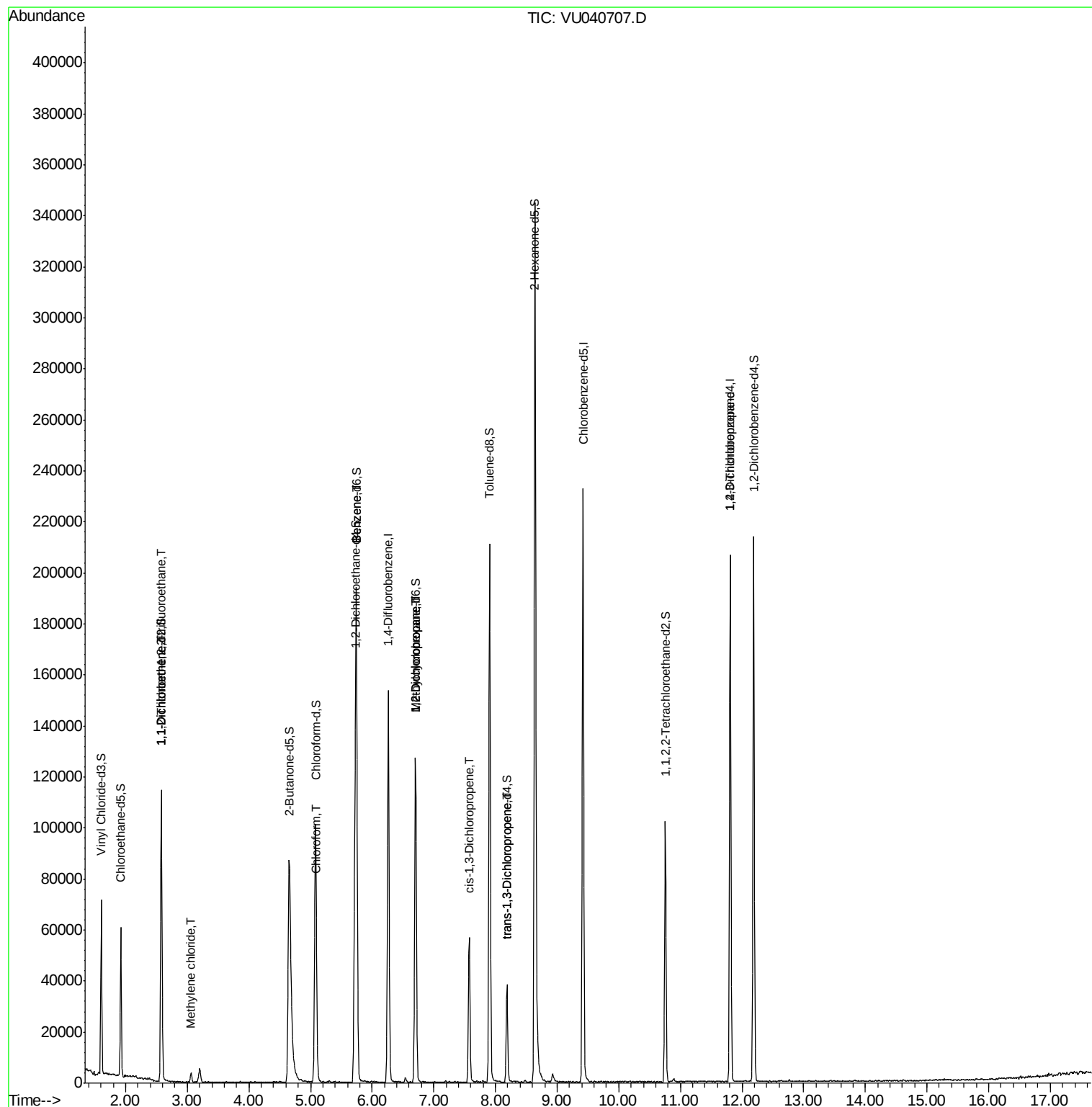
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	488	0.051	ug/L #	20
12) 1,1-Dichloroethene	2.58	96	531	0.065	ug/L #	1
16) Methylene chloride	3.06	84	1844	0.176	ug/L #	67
25) Chloroform	5.11	83	3198	0.177	ug/L	92
33) Benzene	5.75	78	1407	0.036	ug/L	100
35) Methylcyclohexane	6.70	83	12914	0.897	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6394	0.586	ug/L #	87
39) cis-1,3-Dichloropropene	7.58	75	1841	0.123	ug/L	95
44) trans-1,3-Dichloropropene	8.19	75	817	0.059	ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	7273	0.907	ug/L	90

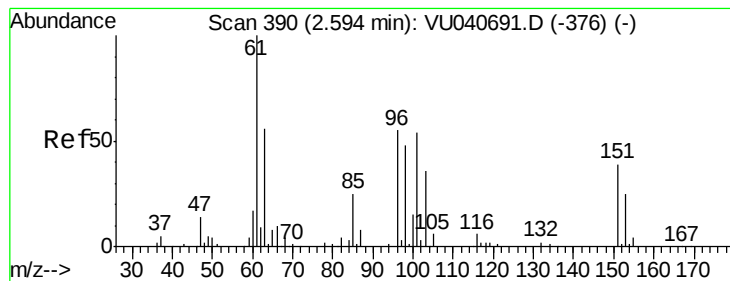
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 15 05:23:17 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.051 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU040707.D

Acq: 14 Oct 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

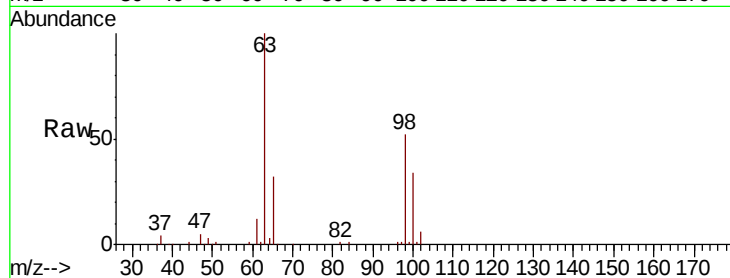
Tot Ion:101 Resp: 488

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

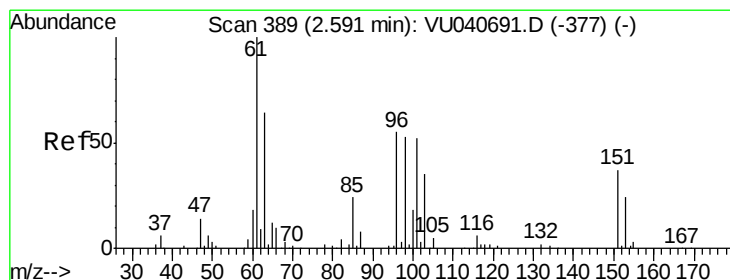
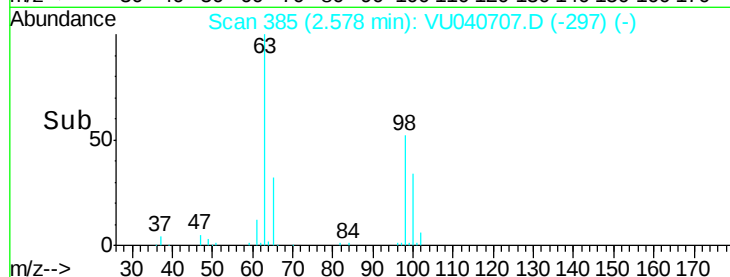
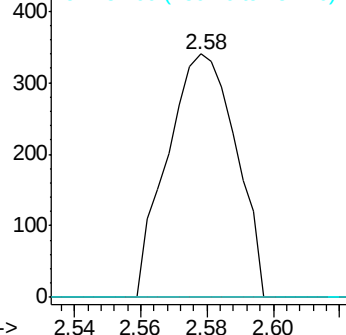
151 0.0 58.0 87.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.065 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040707.D

Acq: 14 Oct 2020 18:30

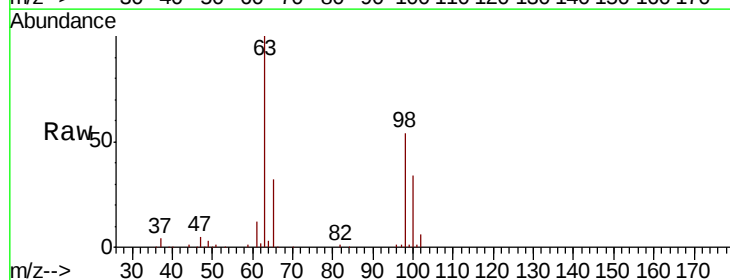
Tgt Ion: 96 Resp: 531

Ion Ratio Lower Upper

96 100

61 1635.4 128.8 239.2#

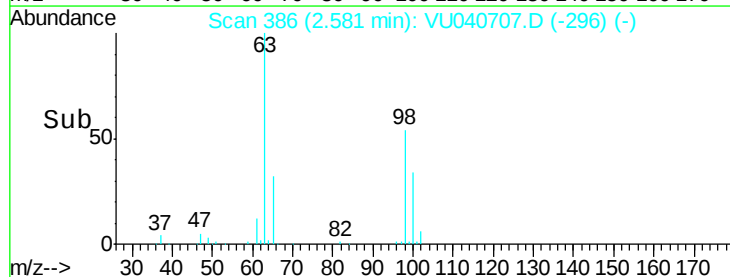
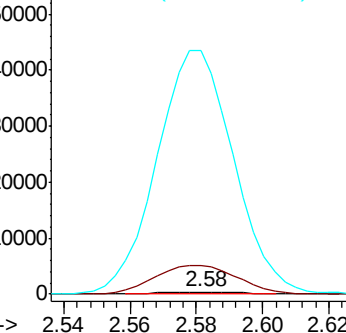
63 13627.6 84.6 157.2#

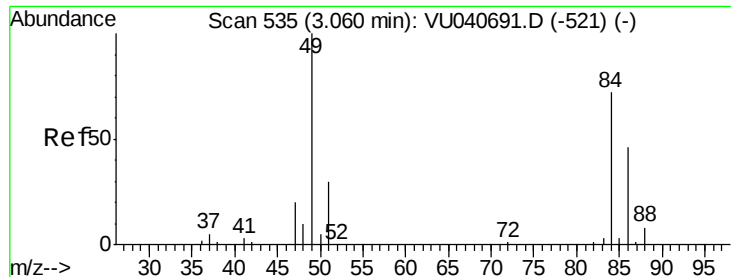


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

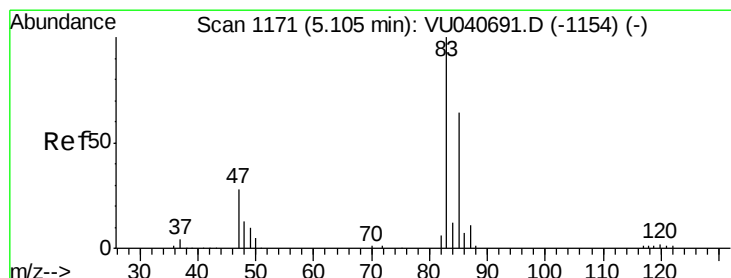
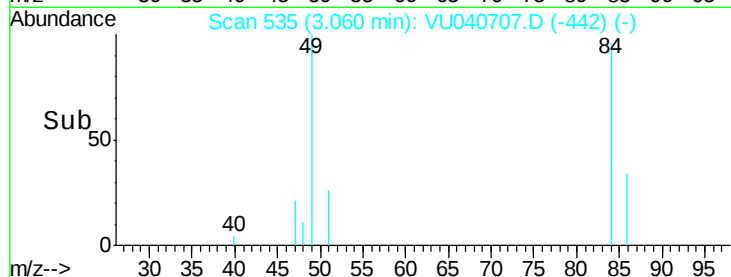
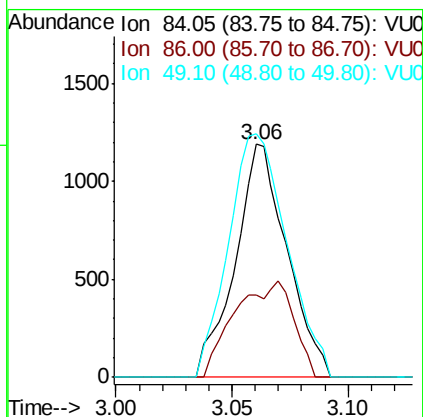
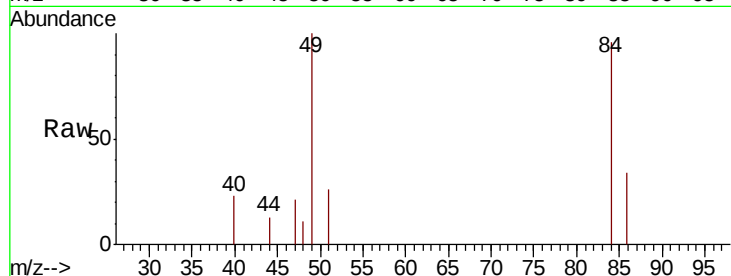




#16
Methvlene chloride
Concen: 0.176 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040707.D
Acq: 14 Oct 2020 18:30

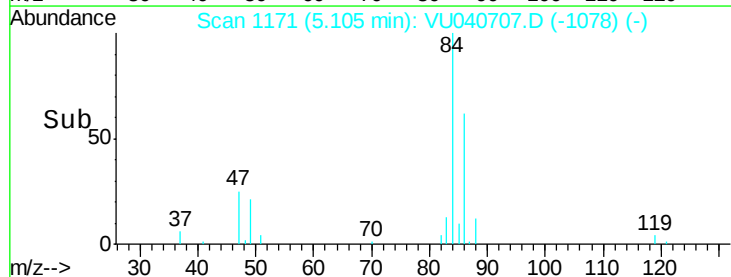
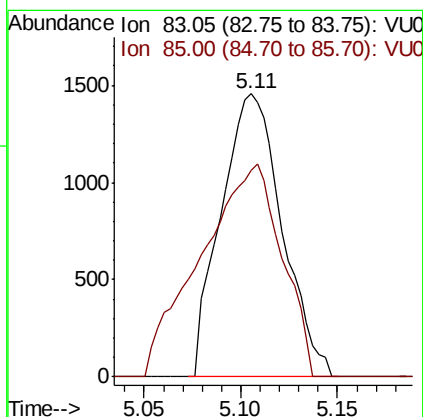
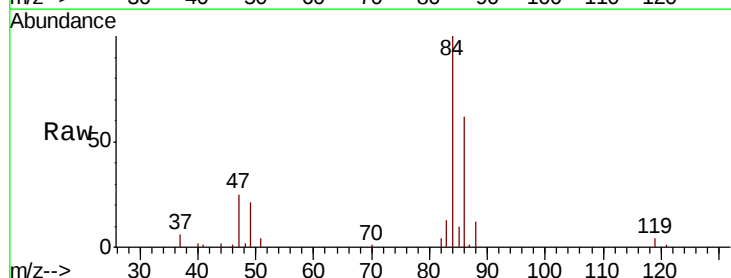
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

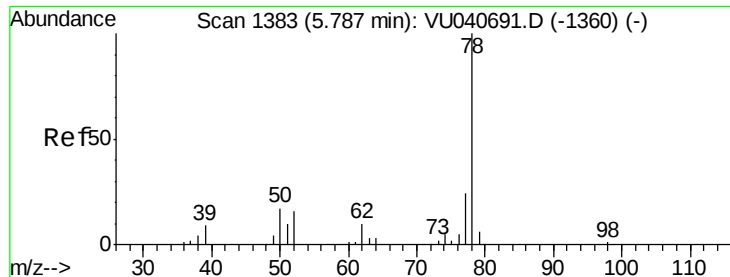
Tot Ion: 84 Resp: 1844
Ion Ratio Lower Upper
84 100
86 35.5 45.4 84.4#
49 104.4 99.8 185.3



#25
Chloroform
Concen: 0.177 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040707.D
Acq: 14 Oct 2020 18:30

Tgt Ion: 83 Resp: 3198
Ion Ratio Lower Upper
83 100
85 73.0 46.5 86.5





#33

Benzene

Concen: 0.036 ug/L

RT: 5.75 min Scan# 1370

Delta R.T. -0.04 min

Lab File: VU040707.D

Acq: 14 Oct 2020 18:30

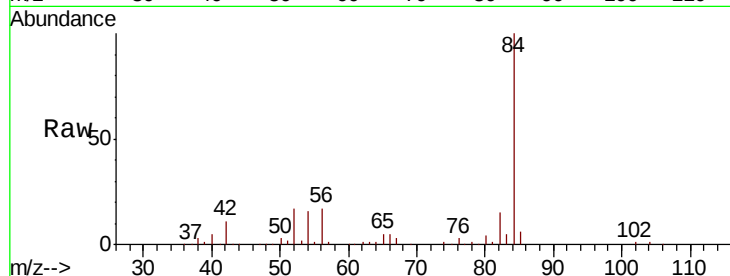
Instrument :

MSVOA_U

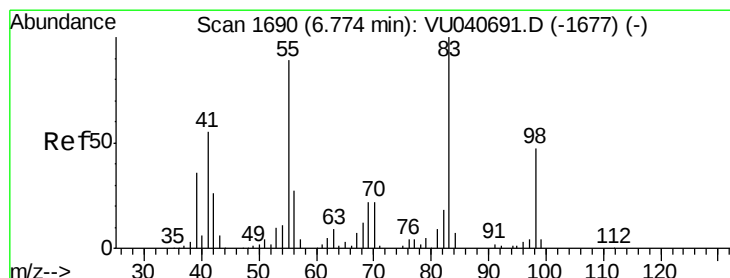
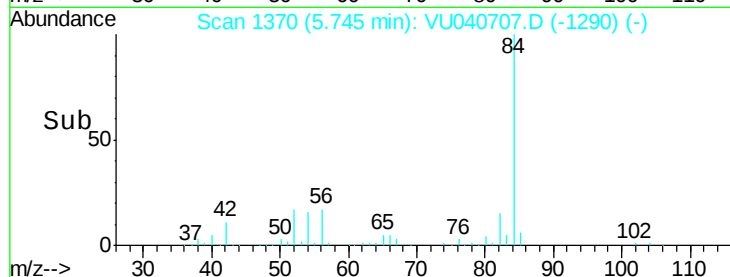
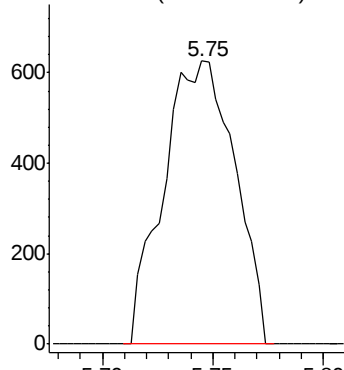
ClientSampleId :

VHBLK01

Tgt Ion: 78 Resp: 1407



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.897 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040707.D

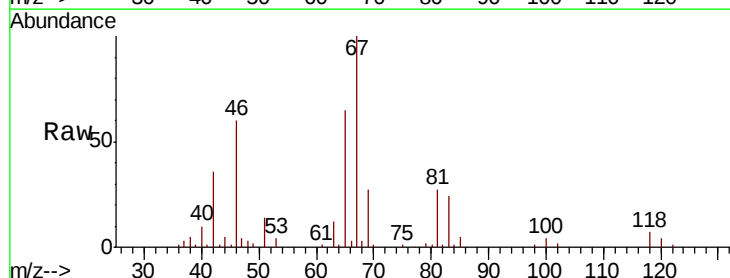
Acq: 14 Oct 2020 18:30

Tgt Ion: 83 Resp: 12914

Ion	Ratio	Lower	Upper
83	100		

55	0.0	70.7	106.1#
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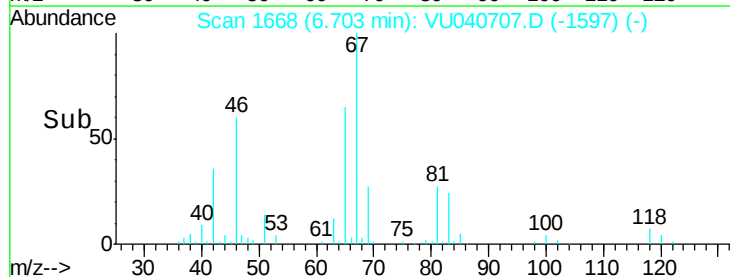
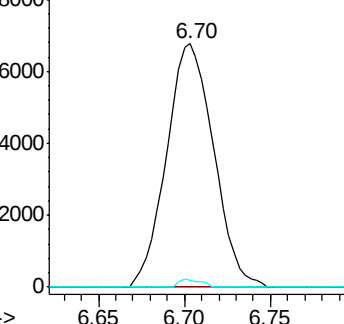
98	1.5	38.4	57.6#
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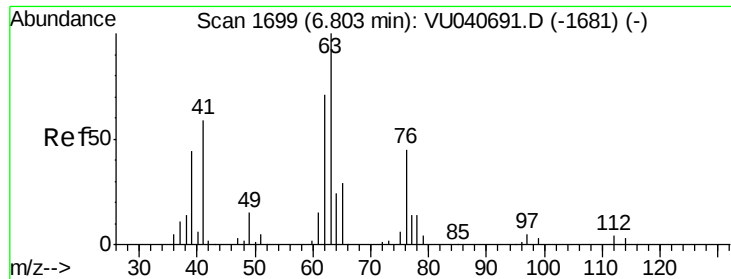


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

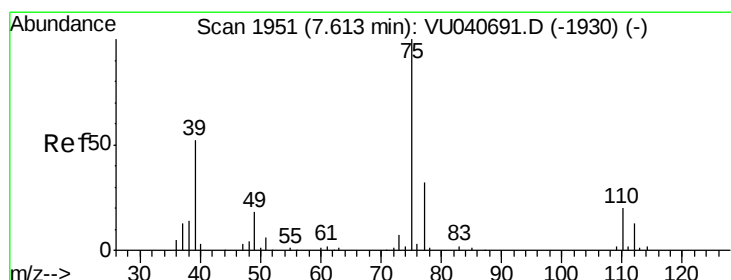
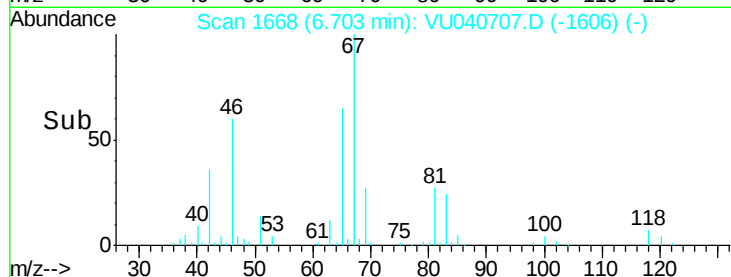
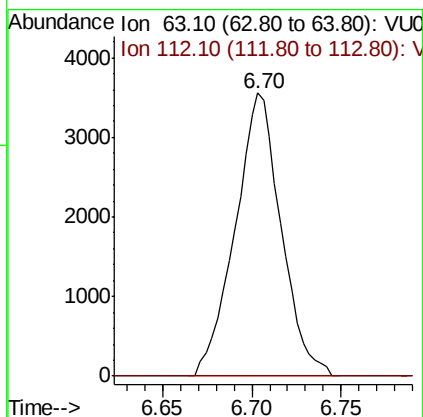
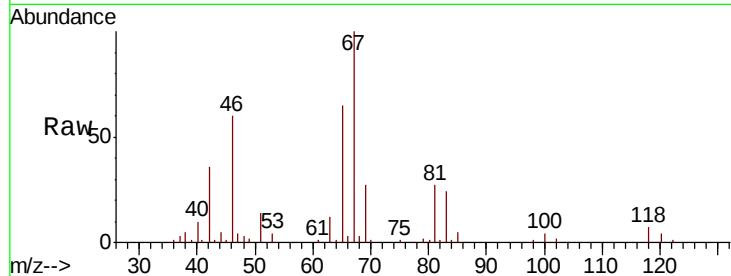




#37
 1,2-Dichloropropane
 Concen: 0.586 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040707.D
 Acq: 14 Oct 2020 18:30

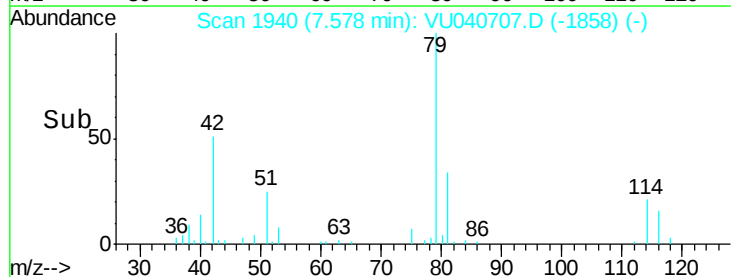
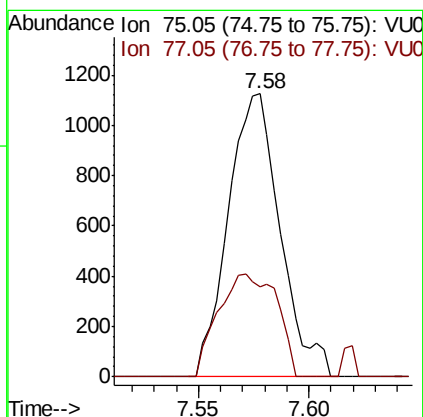
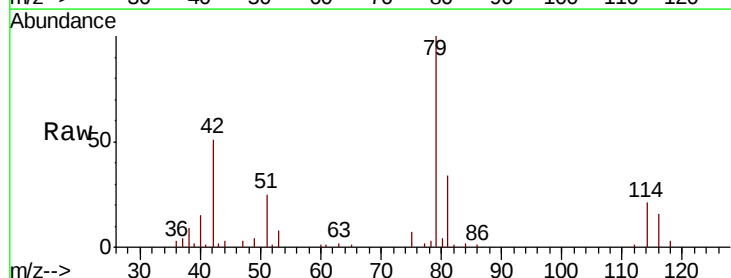
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

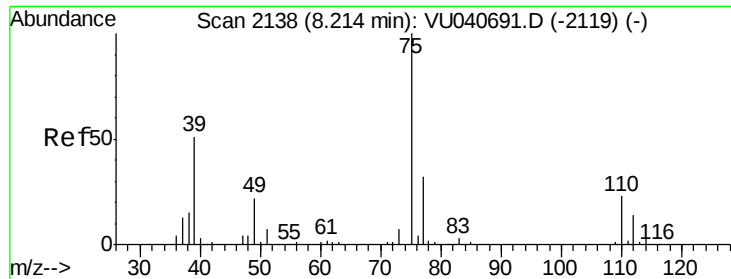
Tot Ion: 63 Resp: 6394
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.123 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040707.D
 Acq: 14 Oct 2020 18:30

Tgt Ion: 75 Resp: 1841
 Ion Ratio Lower Upper
 75 100
 77 31.7 20.5 38.1





#44

trans-1,3-Dichloropropene

Concen: 0.059 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040707.D

Acq: 14 Oct 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

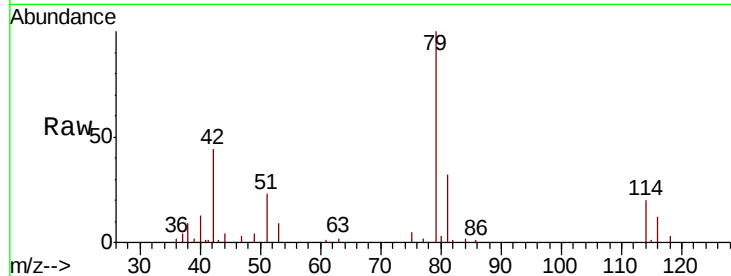
VHBLK01

Tot Ion: 75 Resp: 817

Ion Ratio Lower Upper

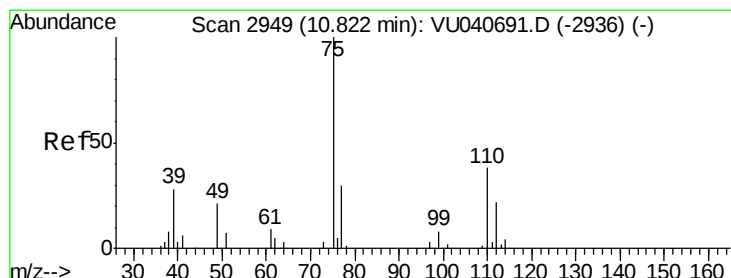
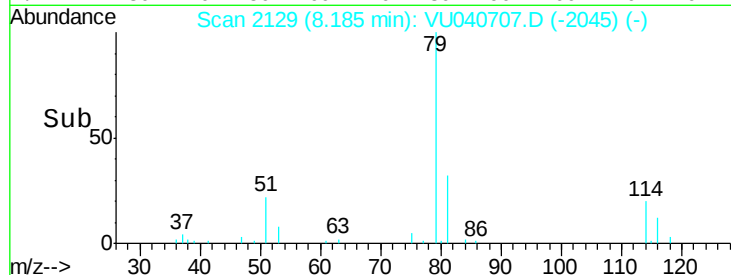
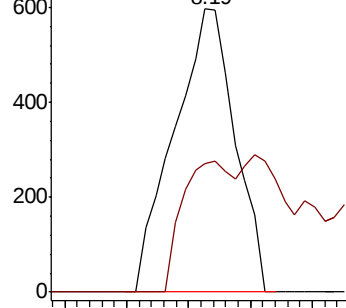
75 100

77 45.2 20.4 38.0#



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: 0.907 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040707.D

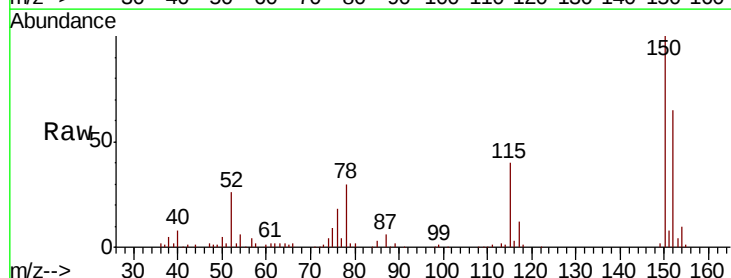
Acq: 14 Oct 2020 18:30

Tgt Ion: 75 Resp: 7273

Ion Ratio Lower Upper

75 100

77 38.4 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

