

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100820\
 Data File : VU040565.D
 Acq On : 08 Oct 2020 16:47
 Operator : SY/MD
 Sample : L4209-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Oct 09 02:04:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 09 01:55:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	140754	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	140980	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	63305	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	57153	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.92	69	46071	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.58	63	86684	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	4.66	46	197629	52.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.90%
24) Chloroform-d	5.08	84	101383	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.72	65	62387	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.74	84	194774	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.70	67	65219	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.91	98	164939	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.19	79	26187	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.64	63	142992	51.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54461	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	62167	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

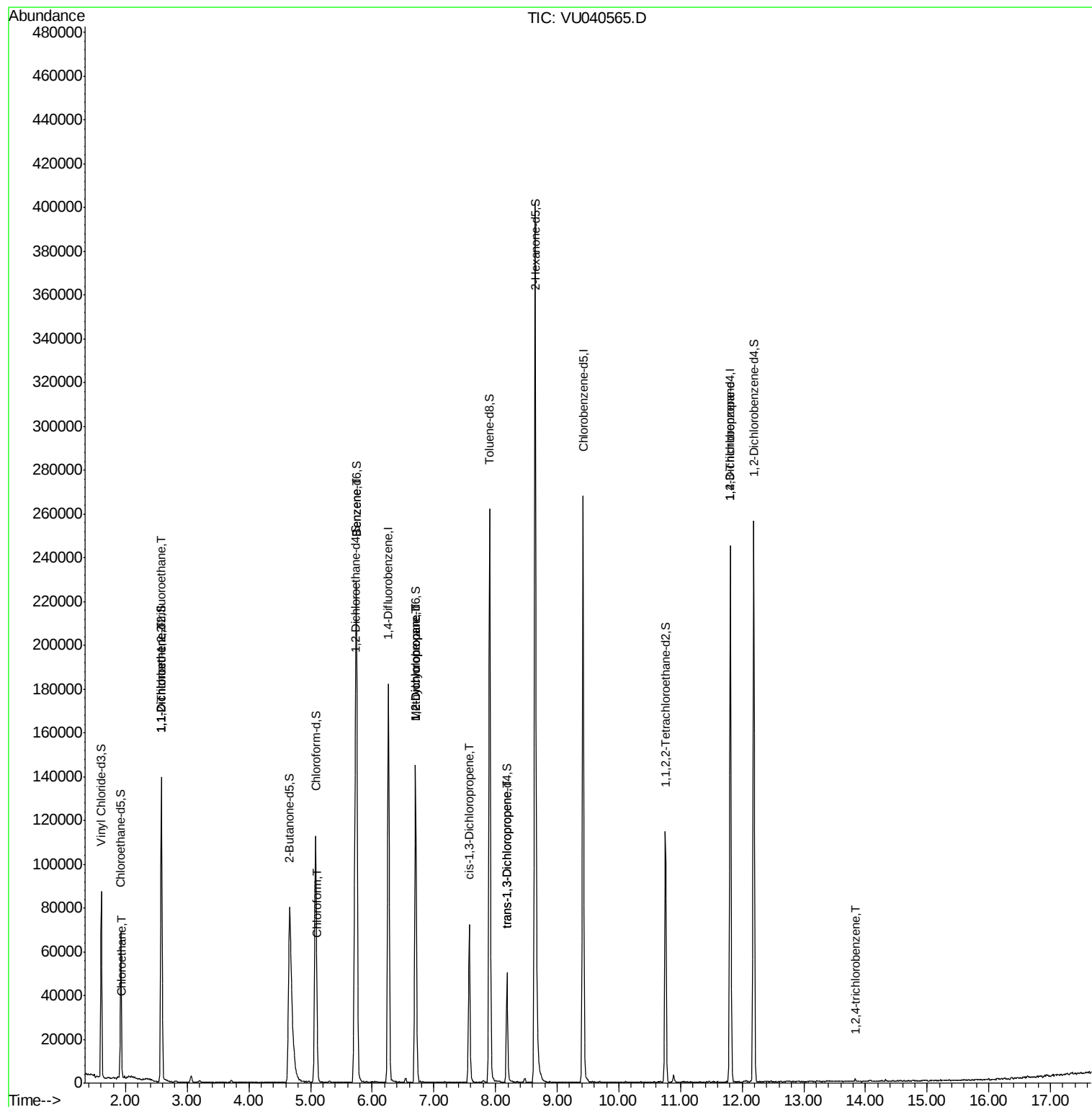
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	318	0.040	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	573	0.049	ug/L #	20
12) 1,1-Dichloroethene	2.58	96	536	0.053	ug/L #	1
25) Chloroform	5.11	83	1178	0.053	ug/L	86
33) Benzene	5.74	78	1823	0.040	ug/L	100
35) Methylcyclohexane	6.70	83	15265	0.917	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	8067	0.639	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1992	0.116	ug/L #	72
44) trans-1,3-Dichloropropene	8.19	75	1248	0.079	ug/L #	57
59) 1,2,3-Trichloropropane	11.81	75	8667	0.935	ug/L	95
68) 1,2,4-trichlorobenzene	13.83	180	450	0.040	ug/L #	67

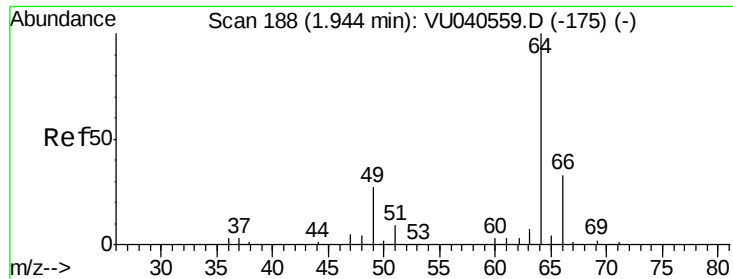
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100820\
Data File : VU040565.D
Acq On : 08 Oct 2020 16:47
Operator : SY/MD
Sample : L4209-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Oct 09 02:04:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 09 01:55:27 2020
Response via : Initial Calibration

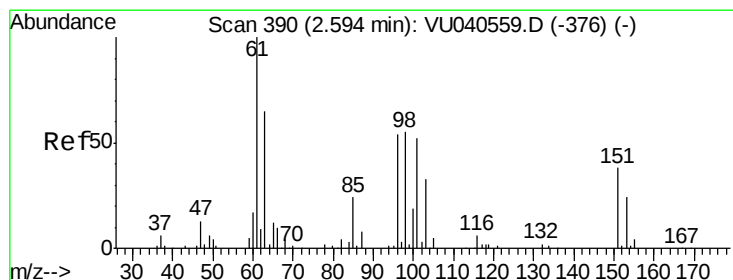
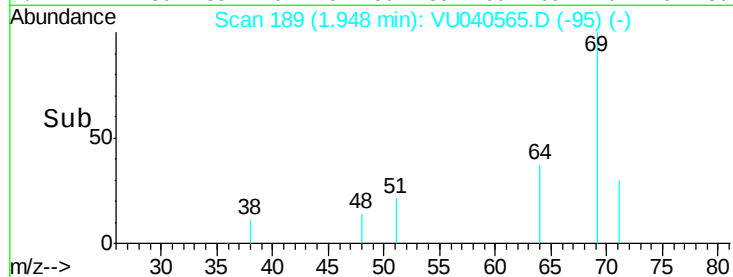
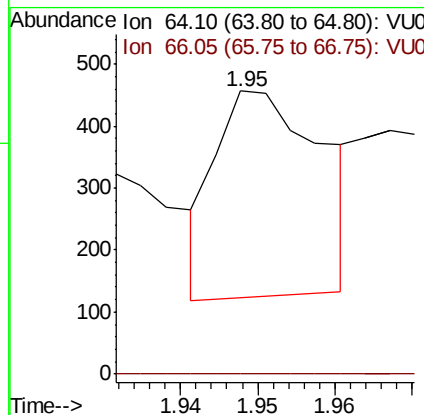
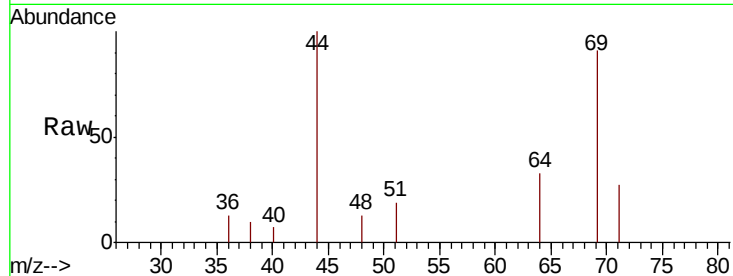




#8
 Chloroethane
 Concen: 0.040 ug/L
 RT: 1.95 min Scan# 189
 Delta R.T. 0.00 min
 Lab File: VU040565.D
 Acq: 08 Oct 2020 16:47

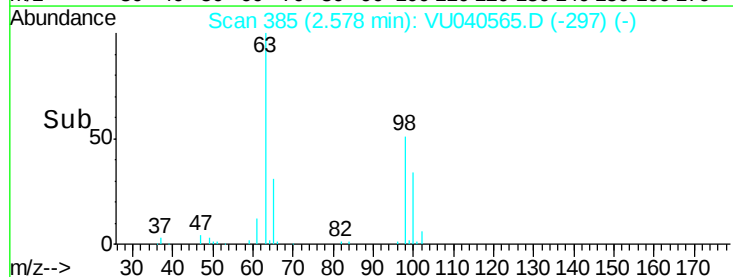
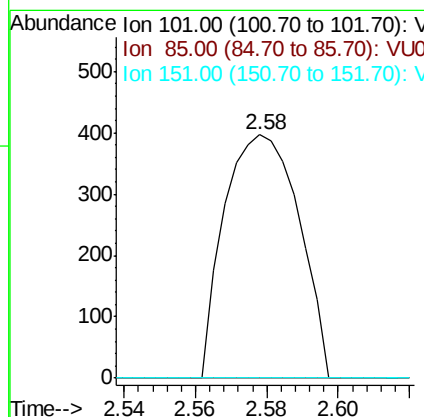
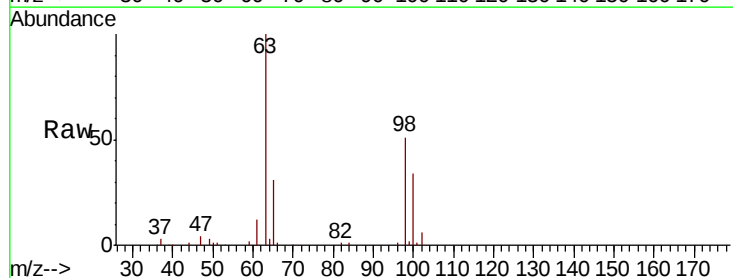
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

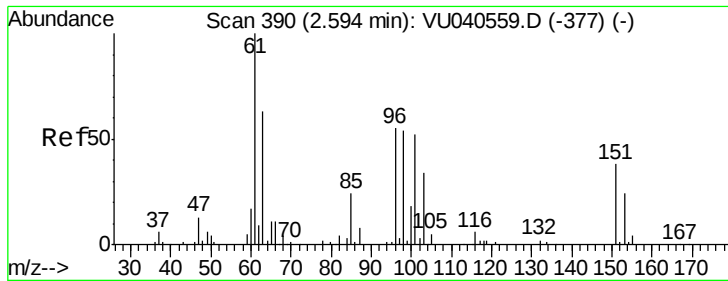
Tot Ion: 64 Resp: 318
 Ion Ratio Lower Upper
 64 100
 66 0.0 23.3 43.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.049 ug/L
 RT: 2.58 min Scan# 385
 Delta R.T. -0.02 min
 Lab File: VU040565.D
 Acq: 08 Oct 2020 16:47

Tgt Ion: 101 Resp: 573
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.7 55.1#
 151 0.0 58.0 87.0#





#12

1,1-Dichloroethene

Concen: 0.053 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU040565.D

Acq: 08 Oct 2020 16:47

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

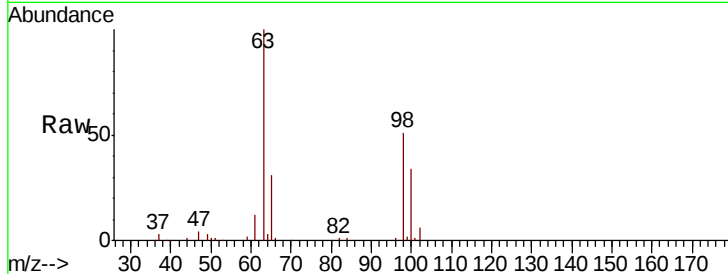
Tot Ion: 96 Resp: 536

Ion Ratio Lower Upper

96 100

61 1589.0 128.8 239.2#

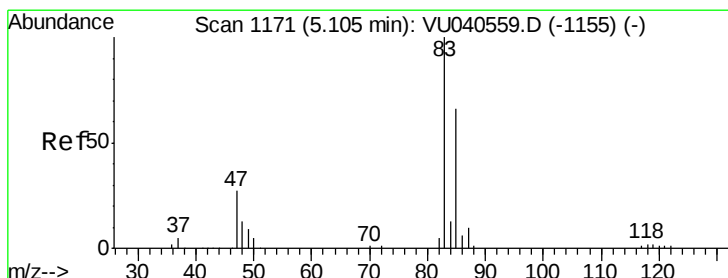
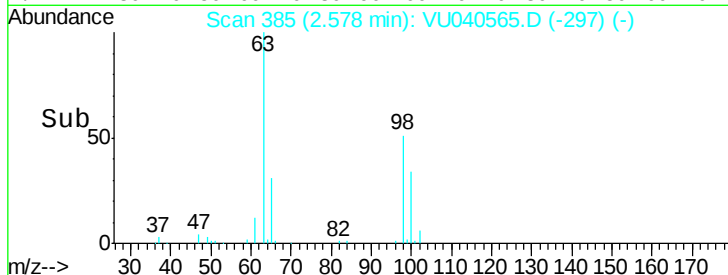
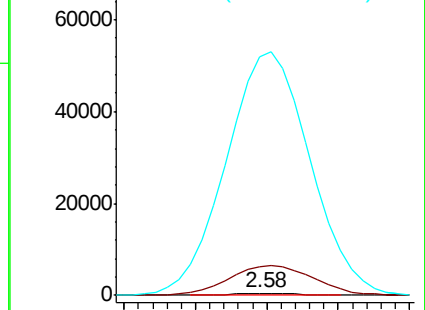
63 13014.0 84.6 157.2#



Abundance Ion 96.00 (95.70 to 96.70): VU040559.D (-377) (-)

Ion 61.05 (60.75 to 61.75): VU040559.D (-377) (-)

Ion 63.00 (62.70 to 63.70): VU040559.D (-377) (-)



#25

Chloroform

Concen: 0.053 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU040565.D

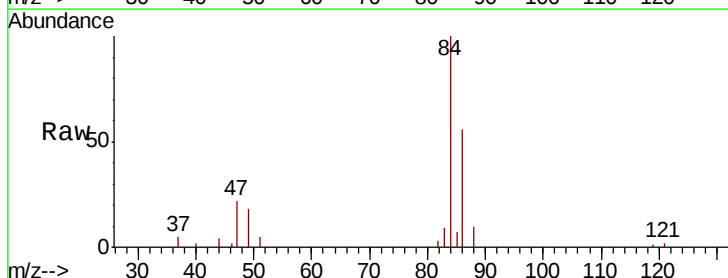
Acq: 08 Oct 2020 16:47

Tgt Ion: 83 Resp: 1178

Ion Ratio Lower Upper

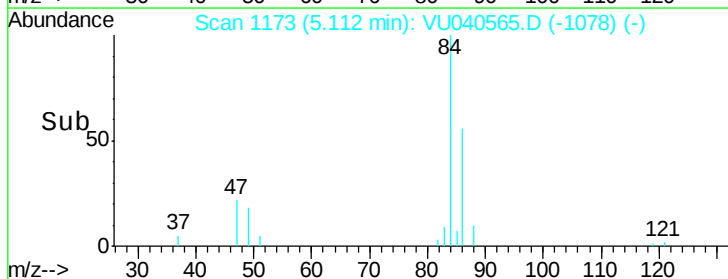
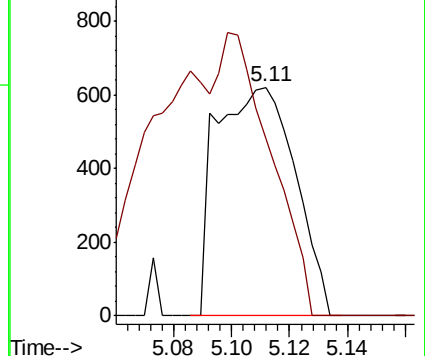
83 100

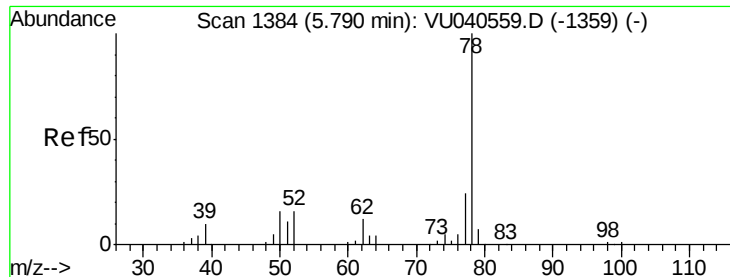
85 77.3 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU040559.D (-1155) (-)

Ion 85.00 (84.70 to 85.70): VU040559.D (-1155) (-)





#33

Benzene

Concen: 0.040 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.05 min

Lab File: VU040565.D

Acq: 08 Oct 2020 16:47

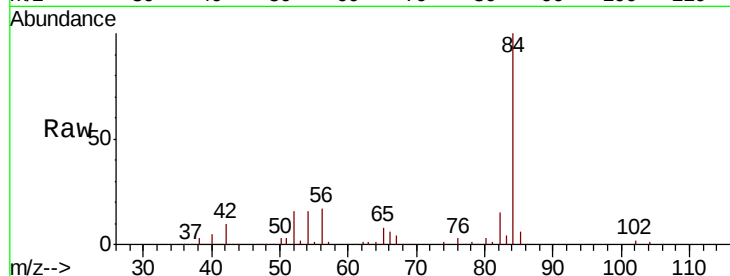
Instrument :

MSVOA_U

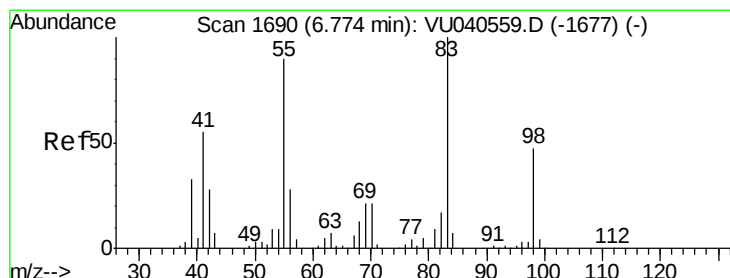
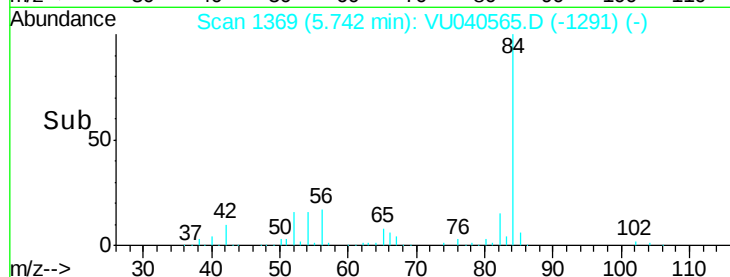
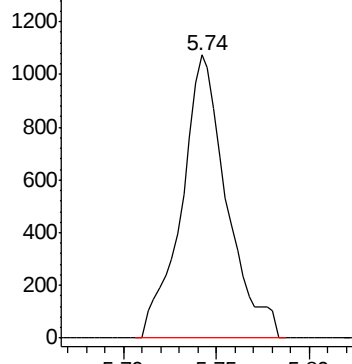
ClientSampleId :

VHBLK01

Tgt Ion: 78 Resp: 1823



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.917 ug/L

RT: 6.70 min Scan# 1668

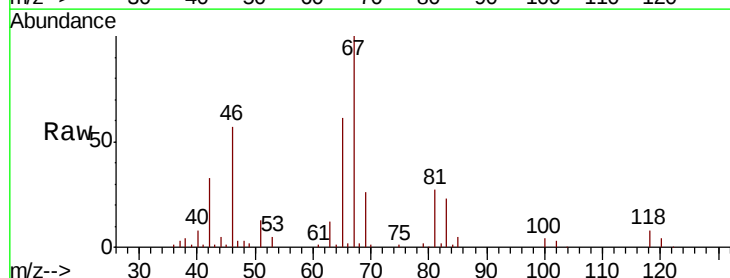
Delta R.T. -0.07 min

Lab File: VU040565.D

Acq: 08 Oct 2020 16:47

Tgt Ion: 83 Resp: 15265

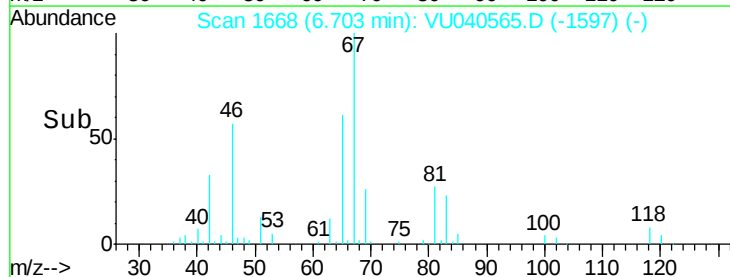
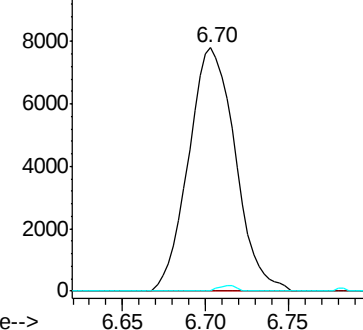
Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	1.0	38.4	57.6#

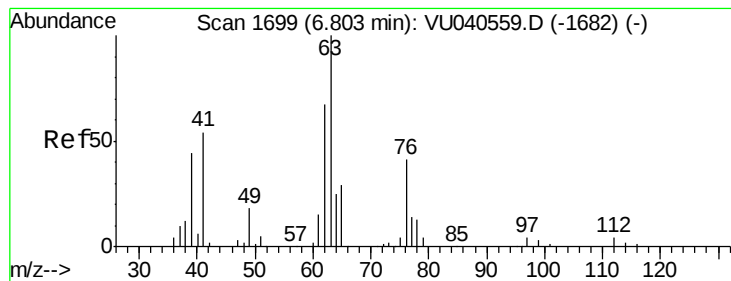


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.639 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040565.D

Acq: 08 Oct 2020 16:47

Instrument :

MSVOA_U

ClientSampleId :

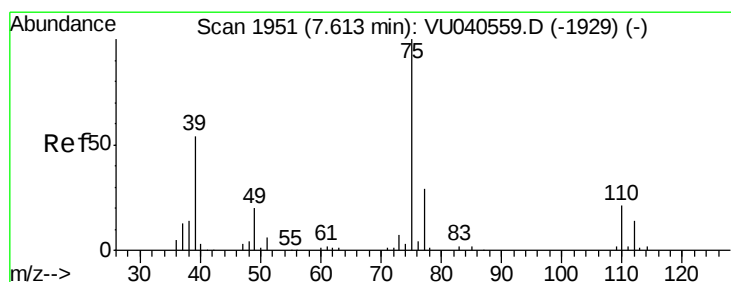
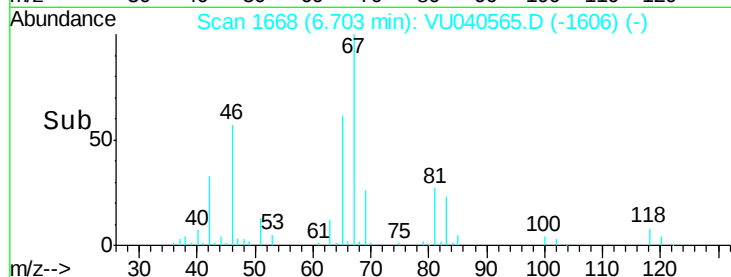
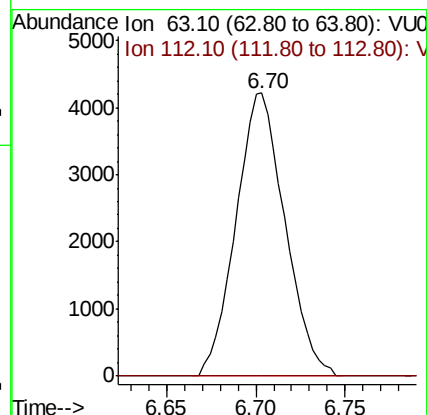
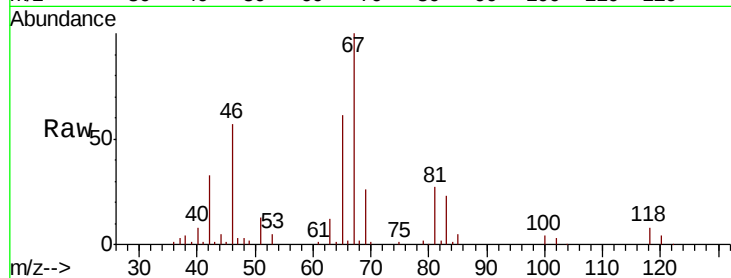
VHBLK01

Tot Ion: 63 Resp: 8067

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU040565.D

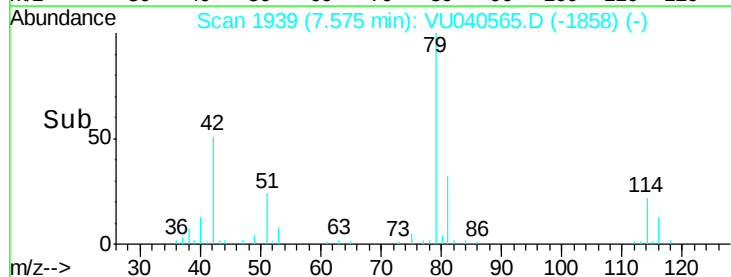
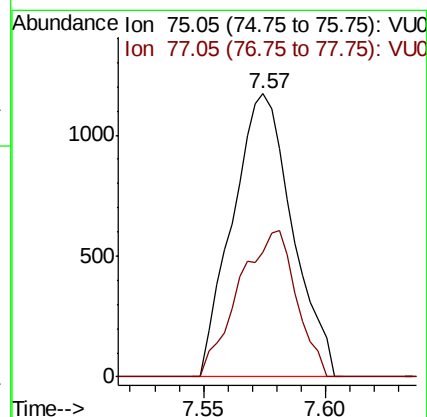
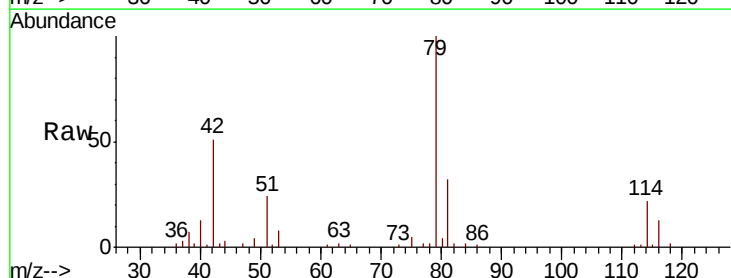
Acq: 08 Oct 2020 16:47

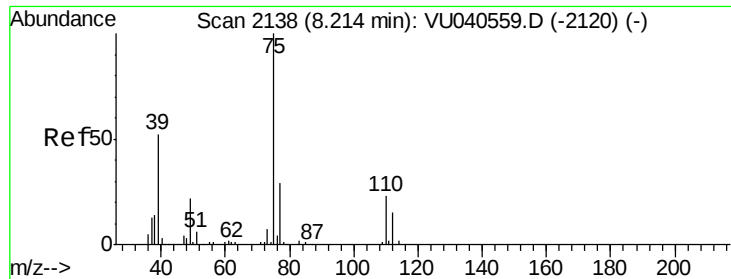
Tgt Ion: 75 Resp: 1992

Ion Ratio Lower Upper

75 100

77 44.1 20.5 38.1#





#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 8.19 min Scan# 2131

Delta R.T. -0.02 min

Lab File: VU040565.D

Acq: 08 Oct 2020 16:47

Instrument :

MSVOA_U

ClientSampleId :

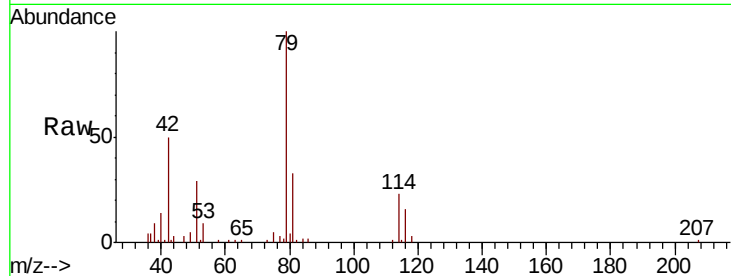
VHBLK01

Tot Ion: 75 Resp: 1248

Ion Ratio Lower Upper

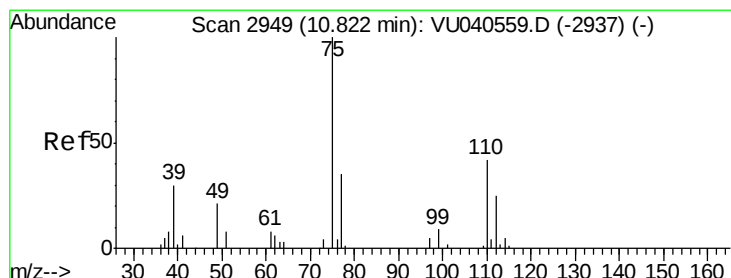
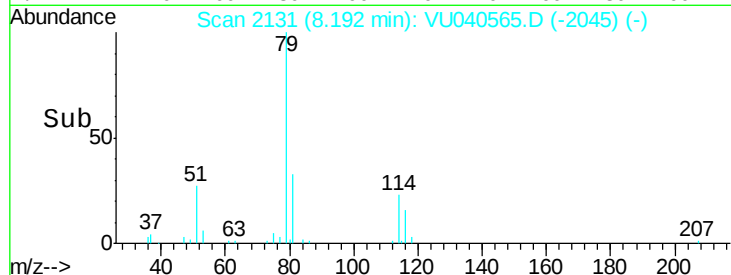
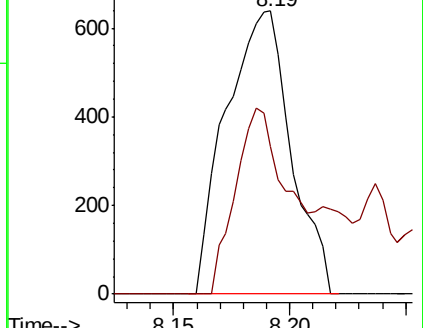
75 100

77 52.2 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: 0.935 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040565.D

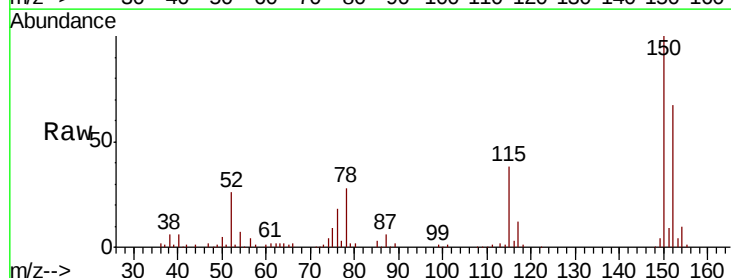
Acq: 08 Oct 2020 16:47

Tgt Ion: 75 Resp: 8667

Ion Ratio Lower Upper

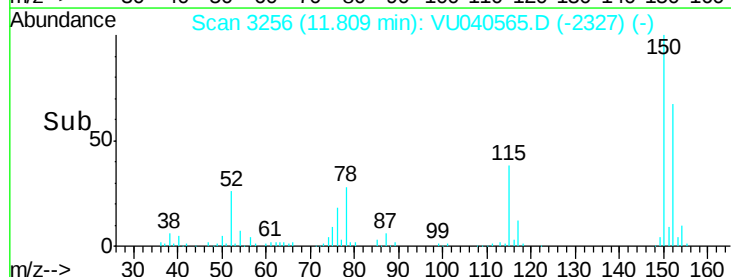
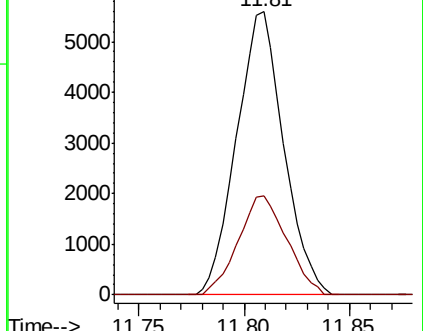
75 100

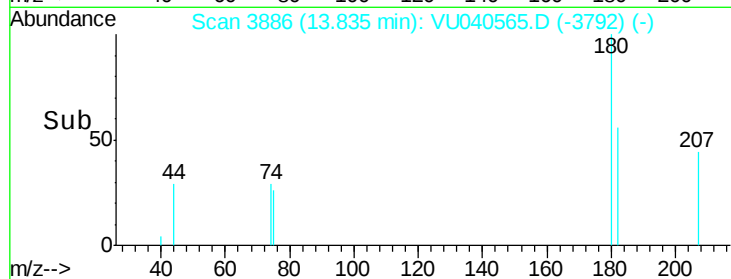
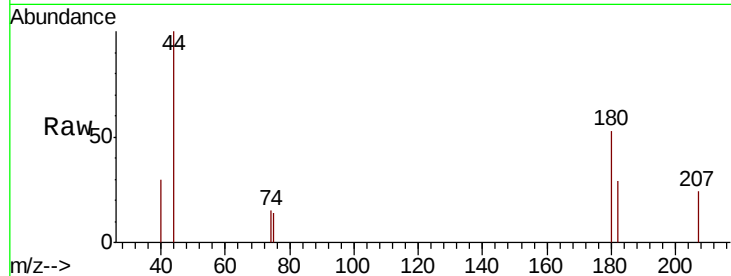
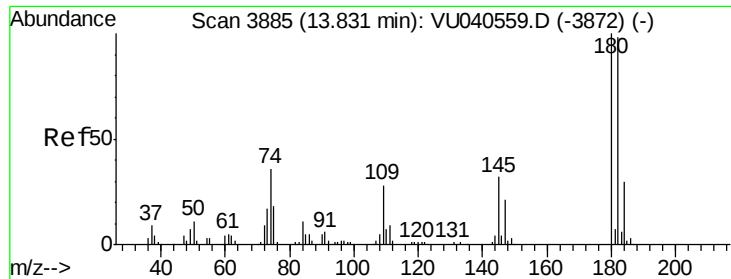
77 36.0 26.4 39.6



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: 0.040 ug/L

RT: 13.83 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VU040565.D

Acq: 08 Oct 2020 16:47

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion:180 Resp: 450

Ion Ratio Lower Upper

180 100

182 71.1 78.8 118.2#

145 4.7 26.1 39.1#

