

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040384.D
 Acq On : 30 Sep 2020 01:30
 Operator : SY/MD
 Sample : L4186-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0G0

Quant Time: Sep 30 02:58:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 02:48:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119169	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120947	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53449	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27691	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.92	69	27528	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.58	63	46302	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.65	46	157413	53.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.42%
24) Chloroform-d	5.08	84	72209	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.72	65	45776	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.75	84	126372	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.70	67	46067	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.90	98	95815	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.19	79	17265	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.64	63	109001	51.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44117	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	45450	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

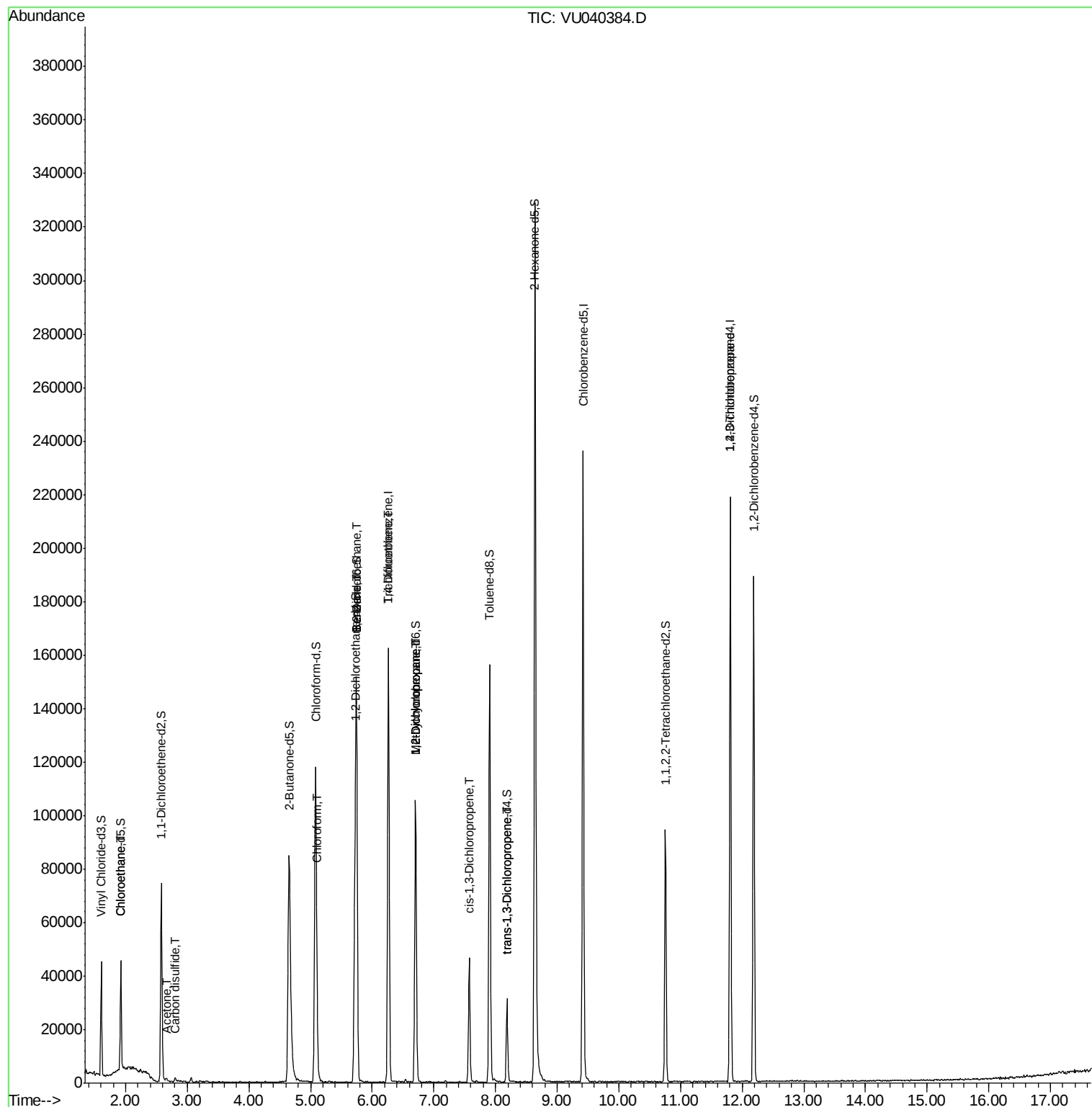
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.92	64	206	0.030	ug/L #	44
13) Acetone	2.66	43	1859	0.761	ug/L	71
14) Carbon disulfide	2.81	76	1903	0.066	ug/L	96
25) Chloroform	5.11	83	1981	0.101	ug/L	94
27) 1,2-Dichloroethane	5.75	62	790	0.058	ug/L #	74
33) Benzene	5.75	78	1003	0.025	ug/L	100
34) Trichloroethene	6.27	95	2205	0.205	ug/L #	8
35) Methylcyclohexane	6.70	83	10645	0.674	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5226	0.463	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1199	0.079	ug/L #	69
44) trans-1,3-Dichloropropene	8.19	75	616	0.044	ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	7804	0.953	ug/L	95

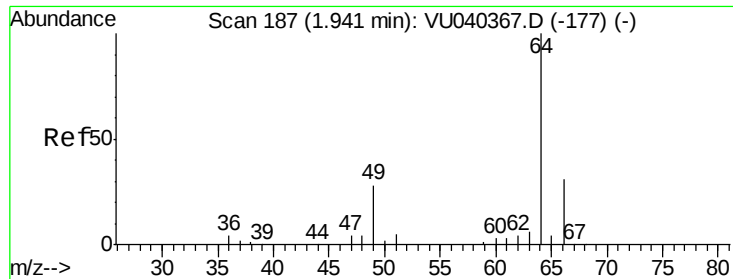
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092920\
Data File : VU040384.D
Acq On : 30 Sep 2020 01:30
Operator : SY/MD
Sample : L4186-16
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0G0

Quant Time: Sep 30 02:58:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 02:48:48 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.030 ug/L

RT: 1.92 min Scan# 180

Delta R.T. -0.02 min

Lab File: VU040384.D

Acq: 30 Sep 2020 01:30

Instrument :

MSVOA_U

ClientSampleId :

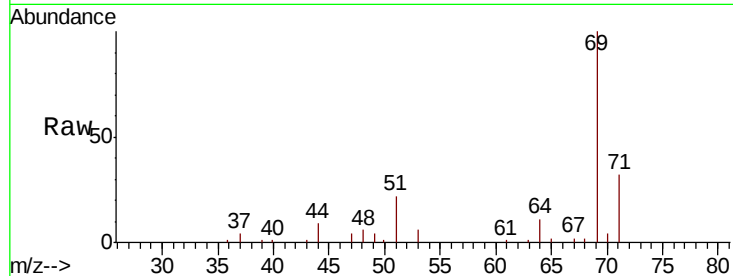
BG0G0

Tot Ion: 64 Resp: 206

Ion Ratio Lower Upper

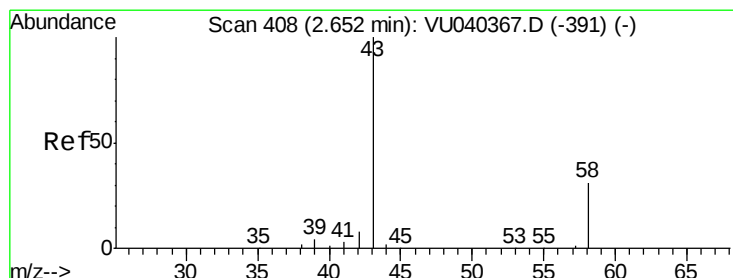
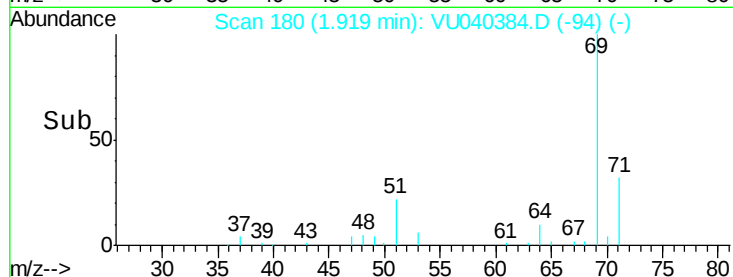
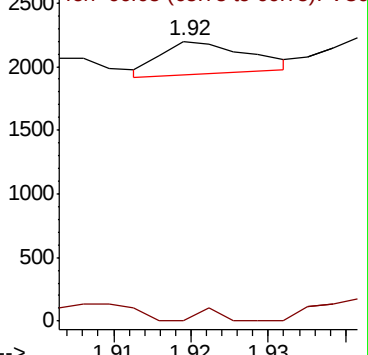
64 100

66 0.0 21.3 39.6#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#13

Acetone

Concen: 0.761 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU040384.D

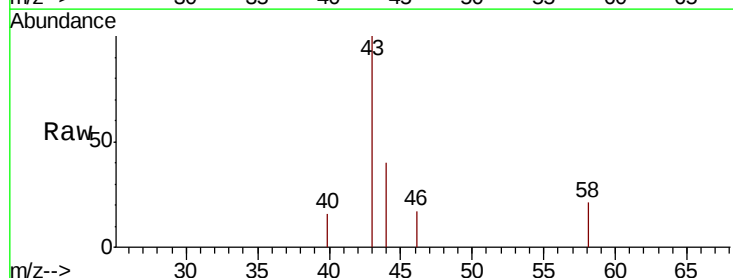
Acq: 30 Sep 2020 01:30

Tgt Ion: 43 Resp: 1859

Ion Ratio Lower Upper

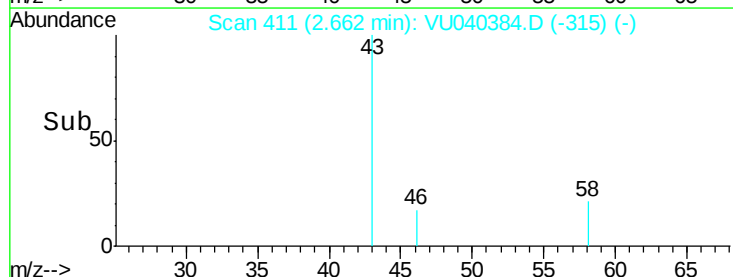
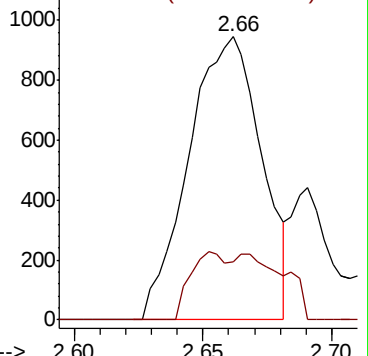
43 100

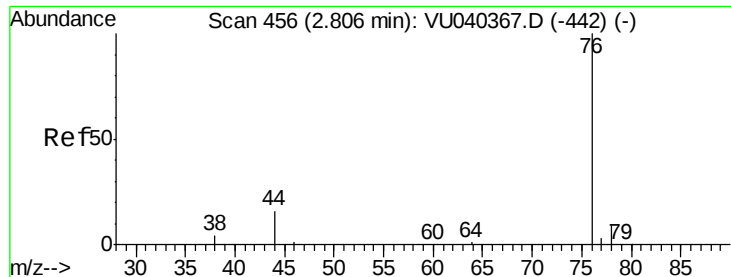
58 14.7 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#14

Carbon disulfide

Concen: 0.066 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU040384.D

Acq: 30 Sep 2020 01:30

Instrument :

MSVOA_U

ClientSampleId :

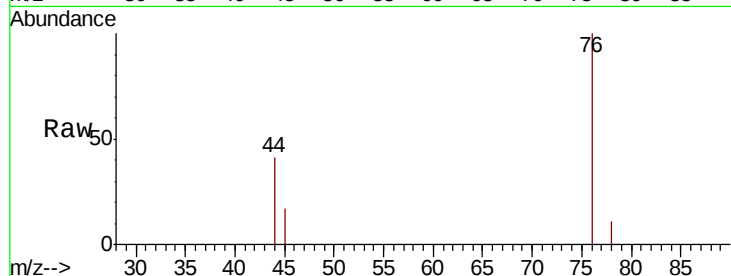
BG0G0

Tot Ion: 76 Resp: 1903

Ion Ratio Lower Upper

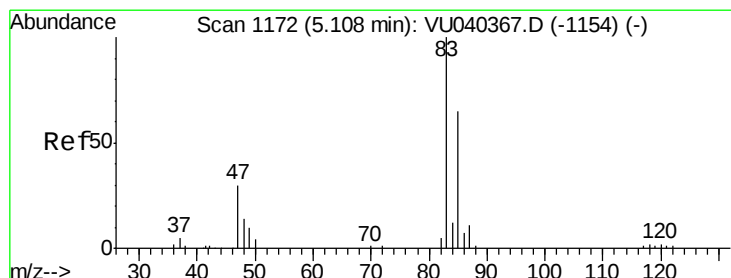
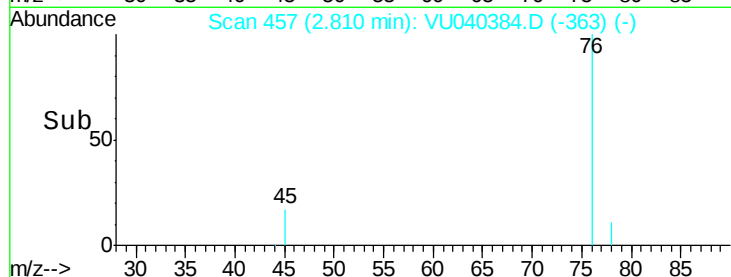
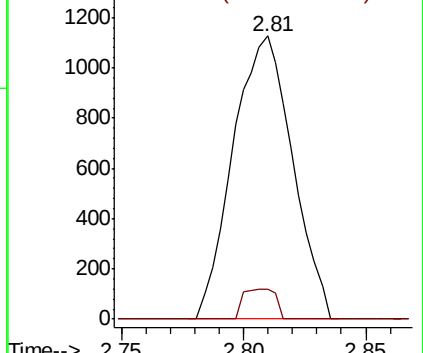
76 100

78 10.6 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0



#25

Chloroform

Concen: 0.101 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040384.D

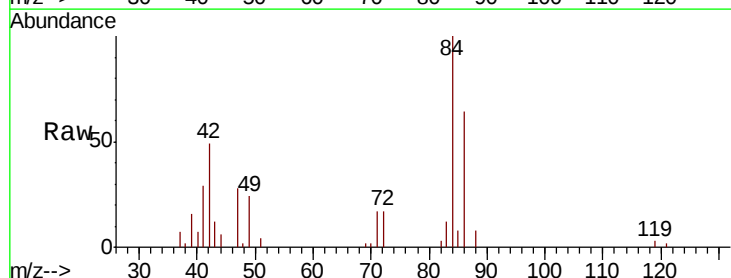
Acq: 30 Sep 2020 01:30

Tgt Ion: 83 Resp: 1981

Ion Ratio Lower Upper

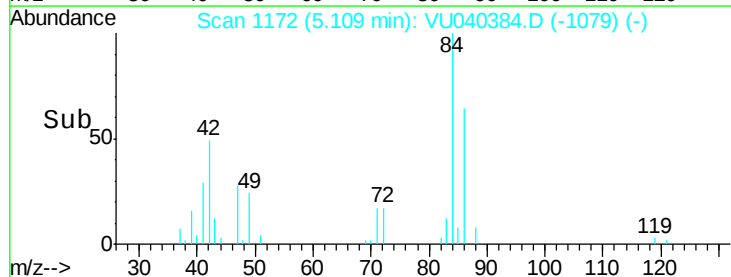
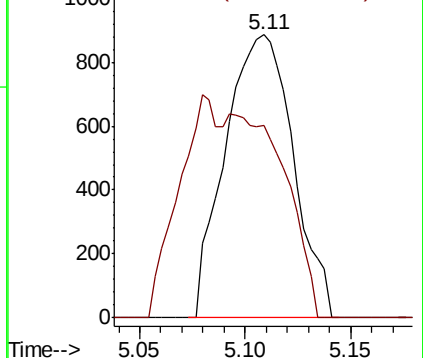
83 100

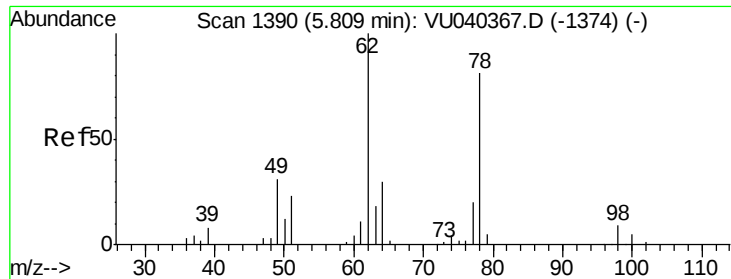
85 68.1 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

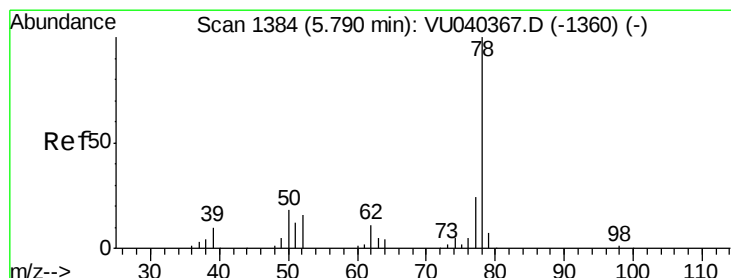
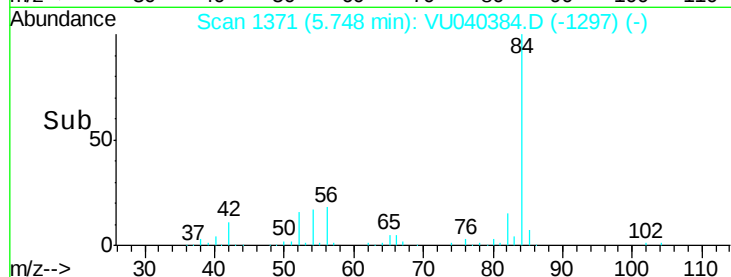
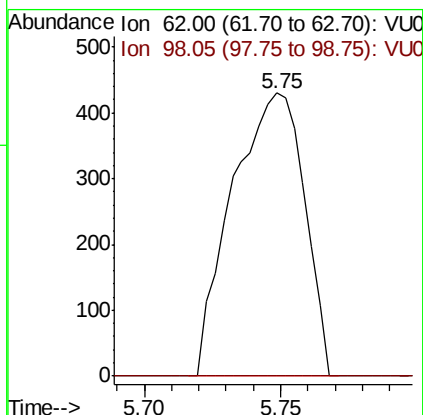
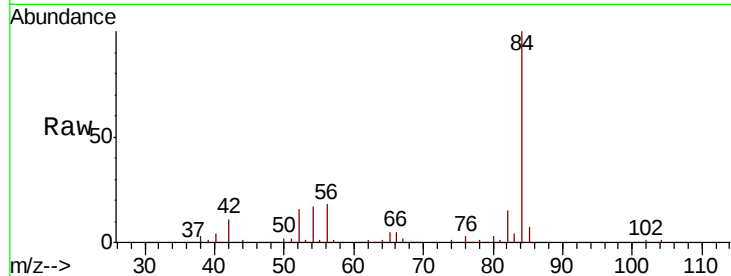




#27
 1,2-Dichloroethane
 Concen: 0.058 ug/L
 RT: 5.75 min Scan# 1371
 Delta R.T. -0.06 min
 Lab File: VU040384.D
 Acq: 30 Sep 2020 01:30

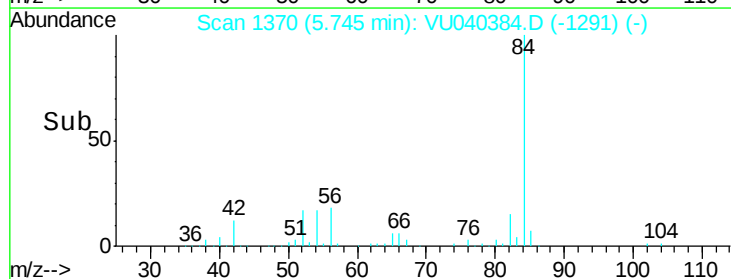
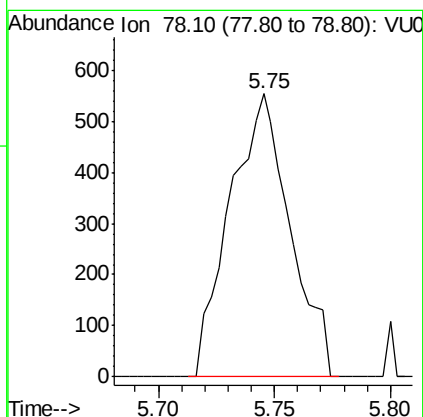
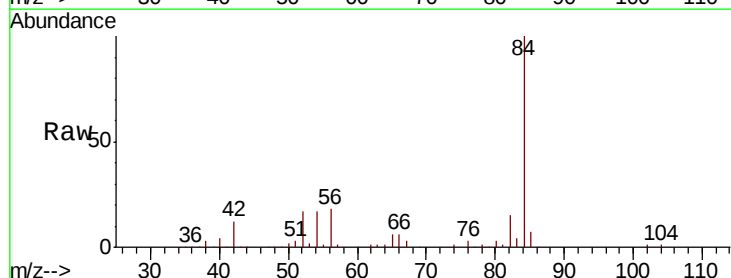
Instrument :
 MSVOA_U
 ClientSampleId :
 BG0G0

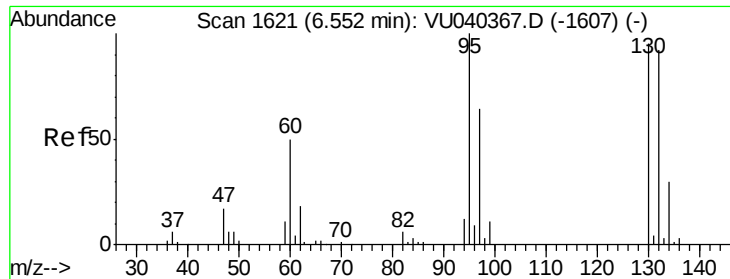
Tot Ion: 62 Resp: 790
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#33
 Benzene
 Concen: 0.025 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.04 min
 Lab File: VU040384.D
 Acq: 30 Sep 2020 01:30

Tgt Ion: 78 Resp: 1003





#34

Trichloroethene

Concen: 0.205 ug/L

RT: 6.27 min Scan# 1532

Delta R.T. -0.29 min

Lab File: VU040384.D

Acq: 30 Sep 2020 01:30

Instrument :

MSVOA_U

ClientSampleId :

BG0G0

Tot Ion: 95 Resp: 2205

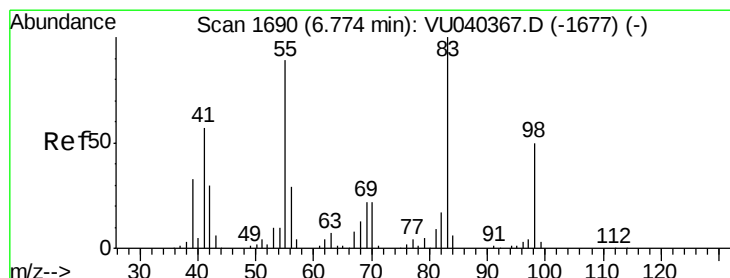
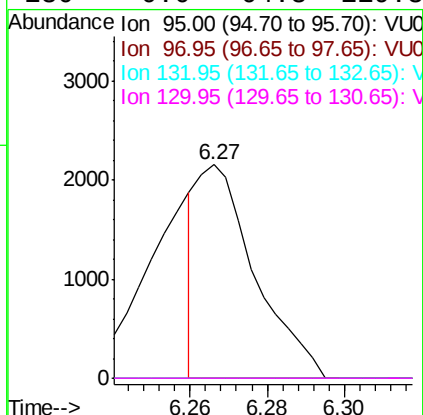
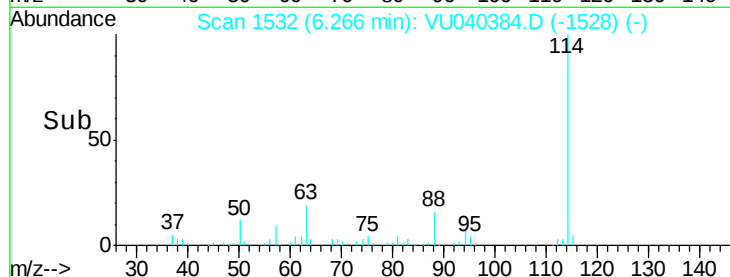
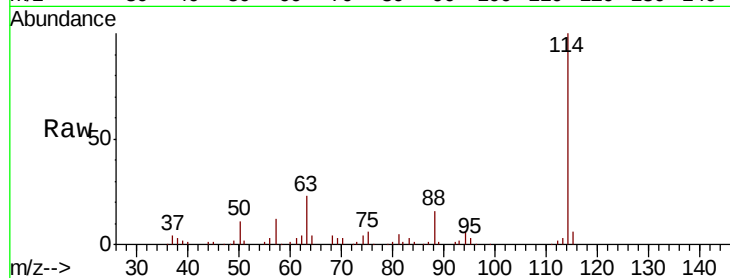
Ion Ratio Lower Upper

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: 0.674 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU040384.D

Acq: 30 Sep 2020 01:30

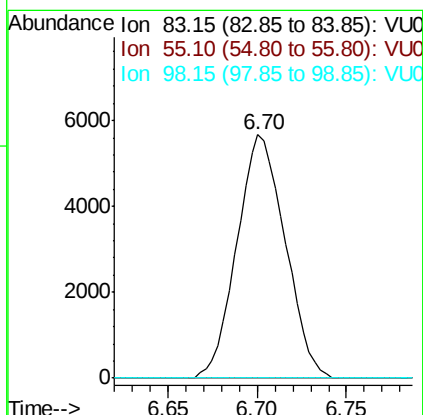
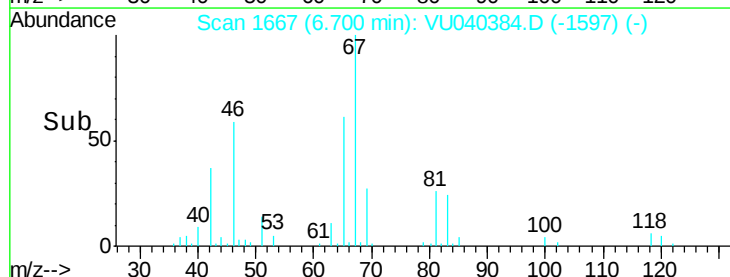
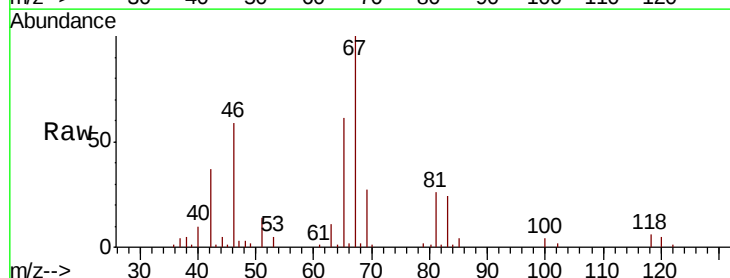
Tgt Ion: 83 Resp: 10645

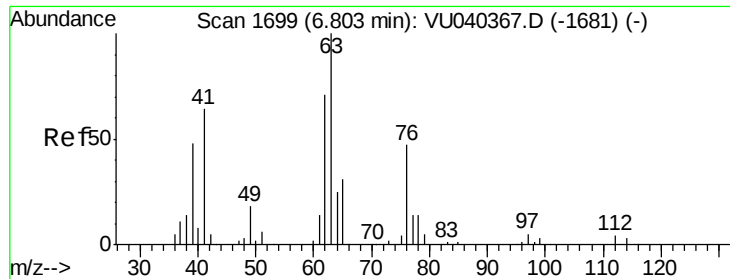
Ion Ratio Lower Upper

83 100

55 0.0 71.4 107.2#

98 1.7 38.5 57.7#

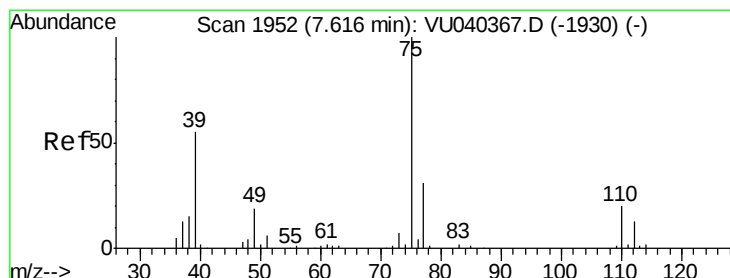
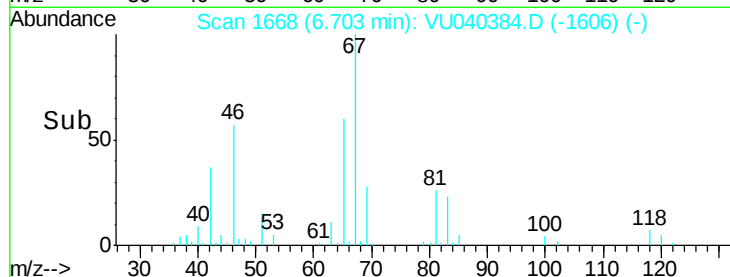
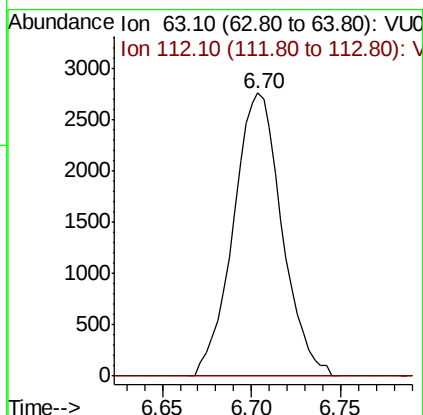
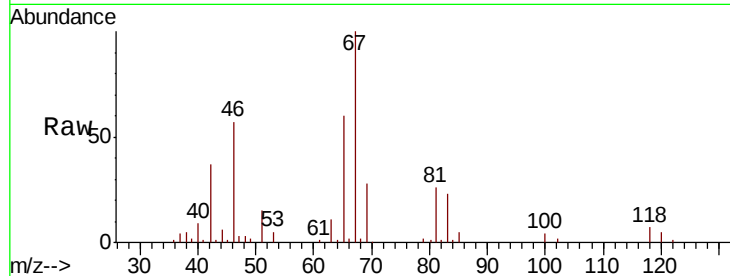




#37
 1,2-Dichloropropane
 Concen: 0.463 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040384.D
 Acq: 30 Sep 2020 01:30

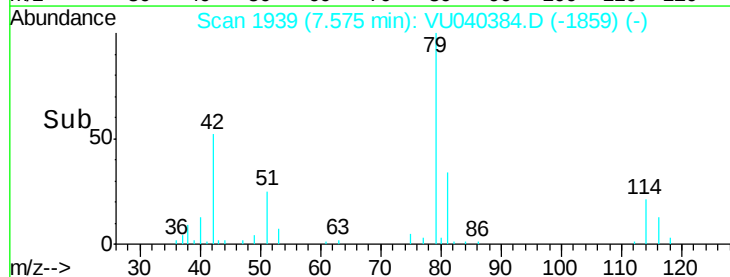
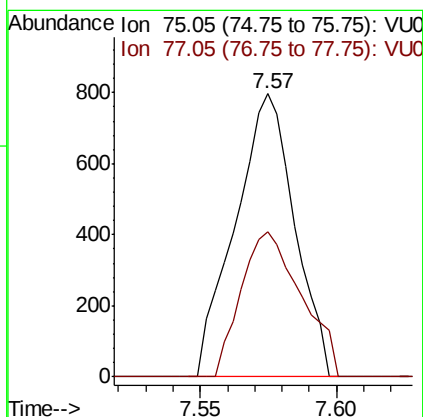
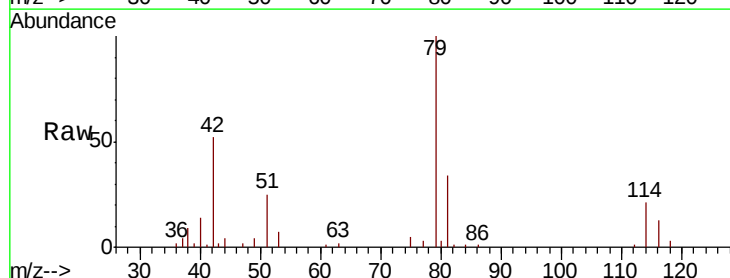
Instrument :
 MSVOA_U
 ClientSampleId :
 BG0G0

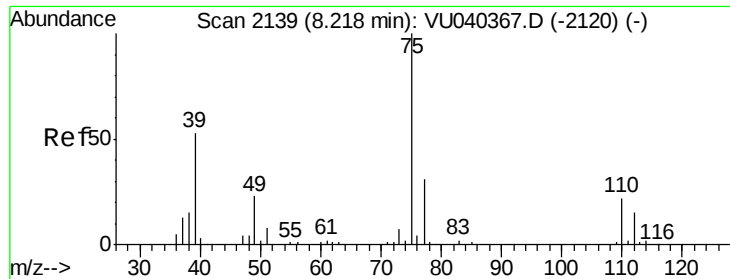
Tot Ion: 63 Resp: 5226
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040384.D
 Acq: 30 Sep 2020 01:30

Tgt Ion: 75 Resp: 1199
 Ion Ratio Lower Upper
 75 100
 77 51.2 23.5 43.7#





#44

trans-1,3-Dichloropropene

Concen: 0.044 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040384.D

Acq: 30 Sep 2020 01:30

Instrument :

MSVOA_U

ClientSampled :

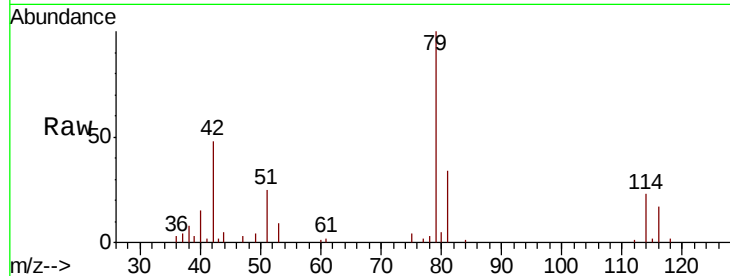
BG0G0

Tot Ion: 75 Resp: 616

Ion Ratio Lower Upper

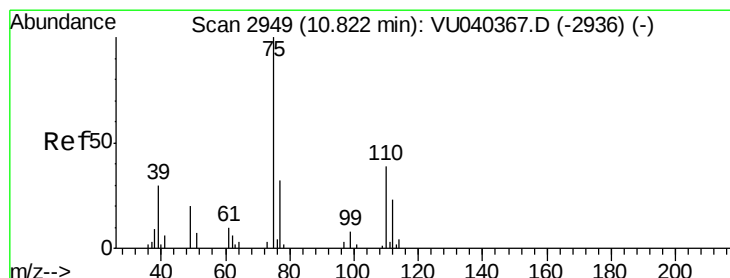
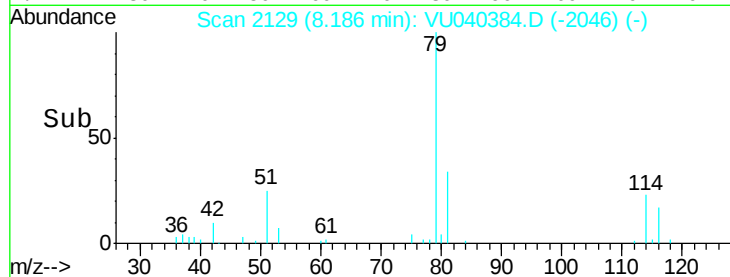
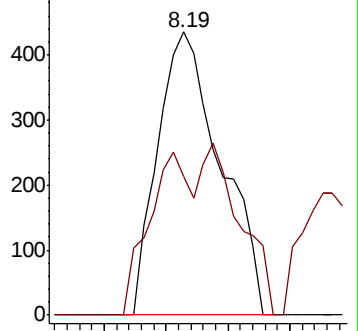
75 100

77 49.0 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: 0.953 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040384.D

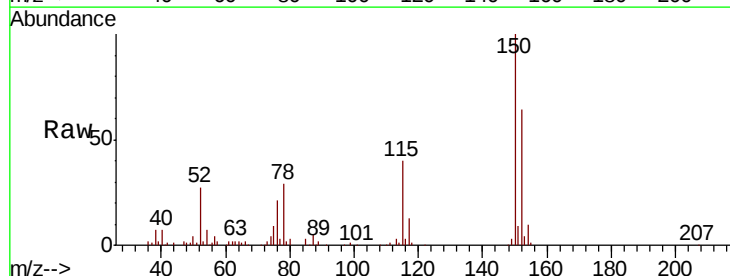
Acq: 30 Sep 2020 01:30

Tgt Ion: 75 Resp: 7804

Ion Ratio Lower Upper

75 100

77 35.0 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

