

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101120\
 Data File : VU040642.D
 Acq On : 10 Oct 2020 18:14
 Operator : SY/MD
 Sample : L4349-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG189

Quant Time: Oct 12 07:15:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 12 07:06:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	123304	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128301	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56852	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	42112	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.92	69	35997	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.58	63	63150	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.65	46	182205	55.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.46%
24) Chloroform-d	5.08	84	87987	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.72	65	55600	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.74	84	162593	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.70	67	57190	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.91	98	136769	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	8.19	79	22837	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.64	63	129817	51.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51040	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	57753	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

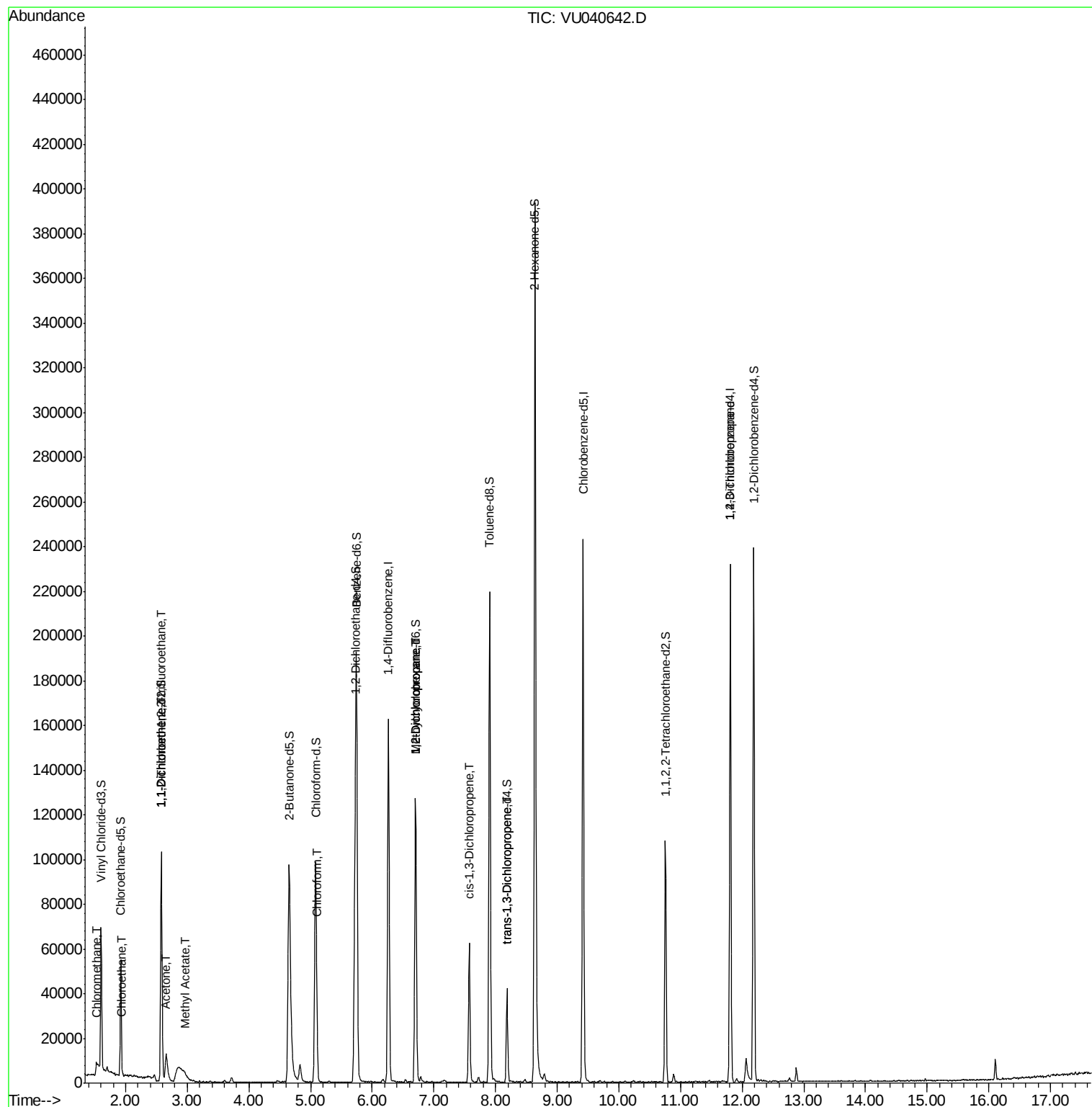
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	2830	0.271	ug/L	97
8) Chloroethane	1.95	64	343	0.049	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	538	0.052	ug/L #	20
12) 1,1-Dichloroethene	2.58	96	574	0.065	ug/L #	1
13) Acetone	2.66	43	22184	8.753	ug/L	98
15) Methyl Acetate	2.98	43	1223	0.211	ug/L #	56
25) Chloroform	5.11	83	1874	0.096	ug/L	76
35) Methylcyclohexane	6.70	83	13280	0.876	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6332	0.551	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1679	0.107	ug/L	86
44) trans-1,3-Dichloropropene	8.18	75	1184	0.082	ug/L	89
59) 1,2,3-Trichloropropane	11.81	75	7423	0.880	ug/L #	86

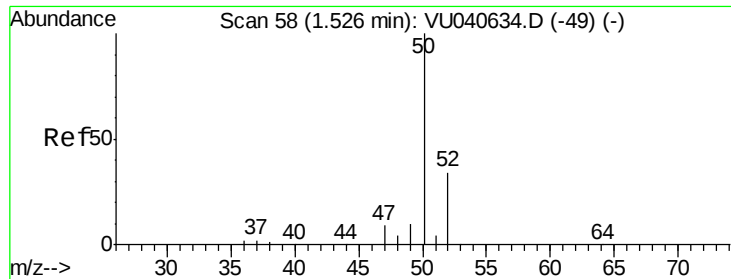
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101120\
Data File : VU040642.D
Acq On : 10 Oct 2020 18:14
Operator : SY/MD
Sample : L4349-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG189

Quant Time: Oct 12 07:15:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 12 07:06:57 2020
Response via : Initial Calibration

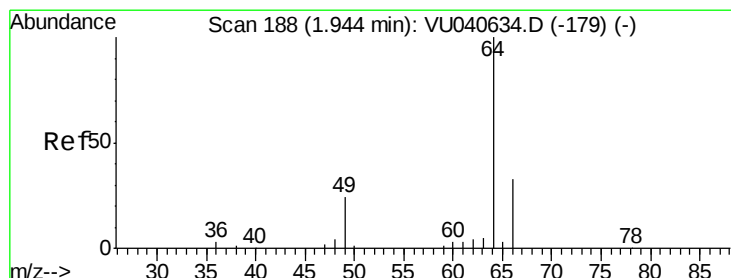
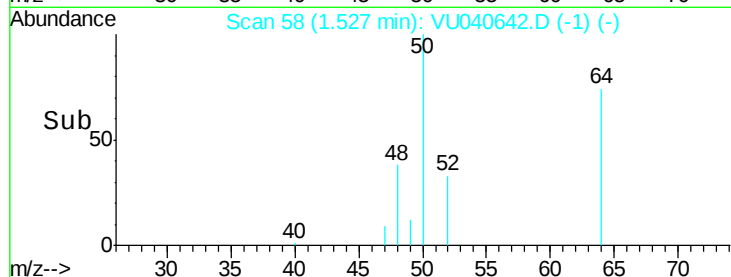
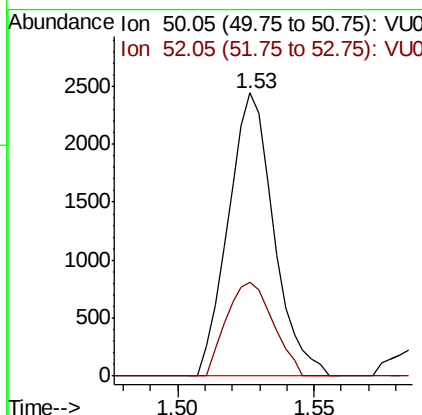
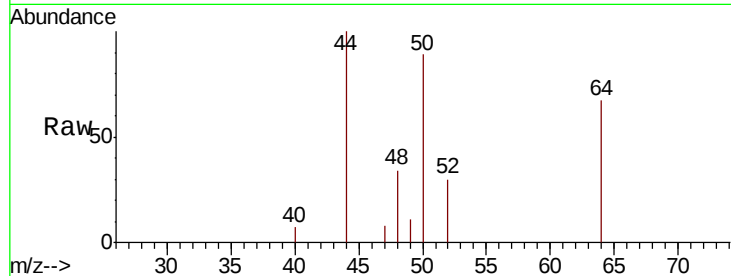




#3
 Chloromethane
 Concen: 0.271 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU040642.D
 Acq: 10 Oct 2020 18:14

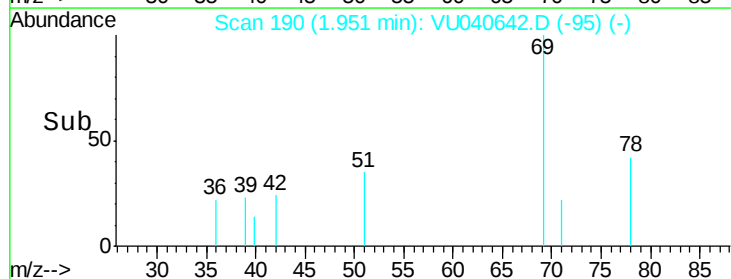
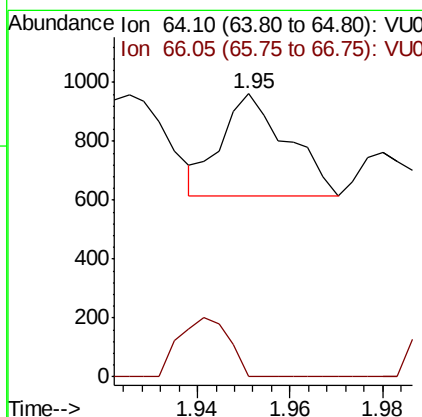
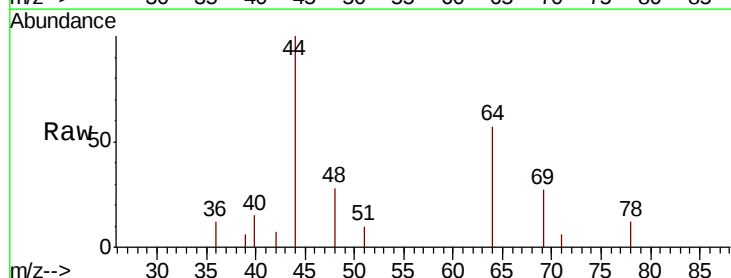
Instrument :
 MSVOA_U
 ClientSampleId :
 BG189

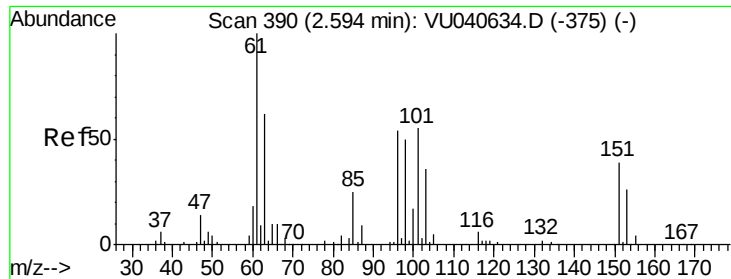
Tot Ion: 50 Resp: 2830
 Ion Ratio Lower Upper
 50 100
 52 33.0 21.9 40.7



#8
 Chloroethane
 Concen: 0.049 ug/L
 RT: 1.95 min Scan# 190
 Delta R.T. 0.01 min
 Lab File: VU040642.D
 Acq: 10 Oct 2020 18:14

Tgt Ion: 64 Resp: 343
 Ion Ratio Lower Upper
 64 100
 66 0.0 23.3 43.3#





#10

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

Concen: 0.052 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU040642.D

Acq: 10 Oct 2020 18:14

Instrument :

MSVOA_U

ClientSampleId :

BG189

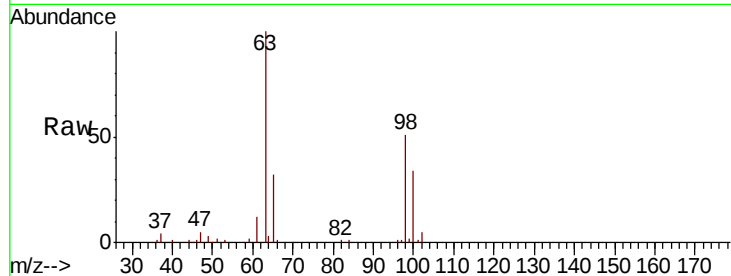
Tot Ion:101 Resp: 538

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

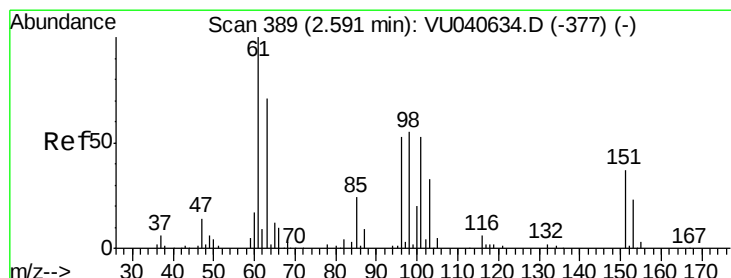
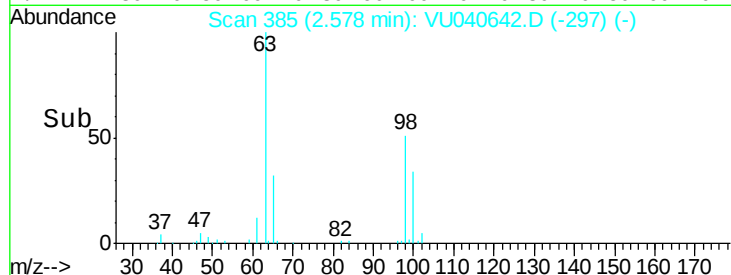
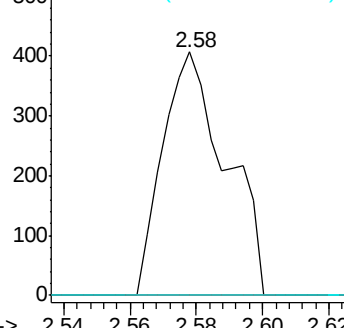
151 0.0 58.0 87.0#



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# 385

Delta R.T. -0.01 min

Lab File: VU040642.D

Acq: 10 Oct 2020 18:14

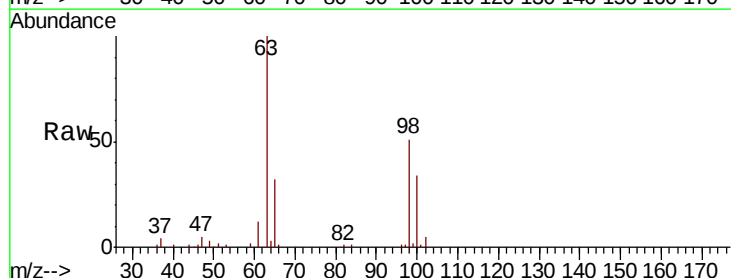
Tgt Ion: 96 Resp: 574

Ion Ratio Lower Upper

96 100

61 1176.2 128.8 239.2#

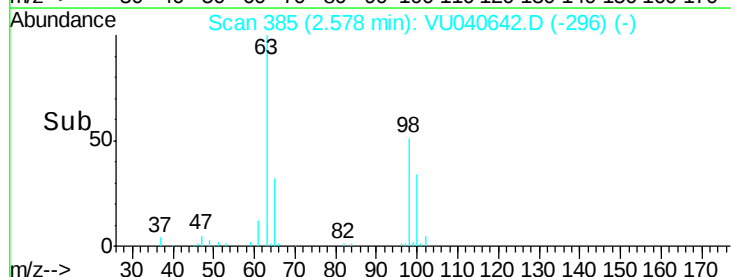
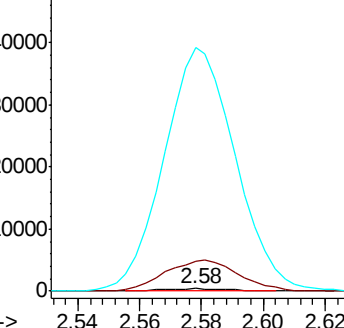
63 9710.9 84.6 157.2#

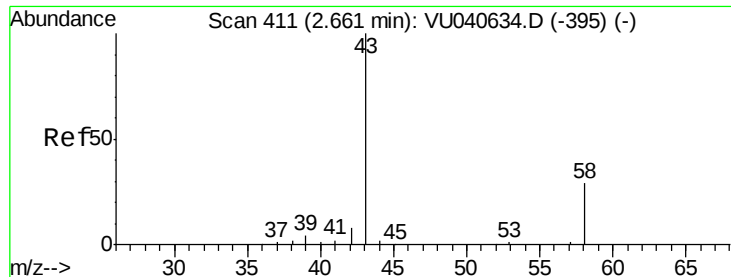


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 8.753 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU040642.D

Acq: 10 Oct 2020 18:14

Instrument :

MSVOA_U

ClientSampleId :

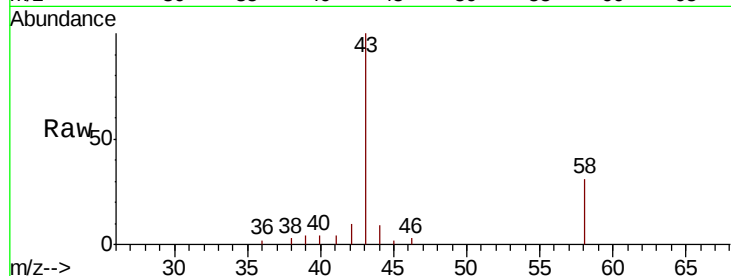
BG189

Tot Ion: 43 Resp: 22184

Ion Ratio Lower Upper

43 100

58 29.1 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040634.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU040634.D (-395) (-)

2.66

8000

6000

4000

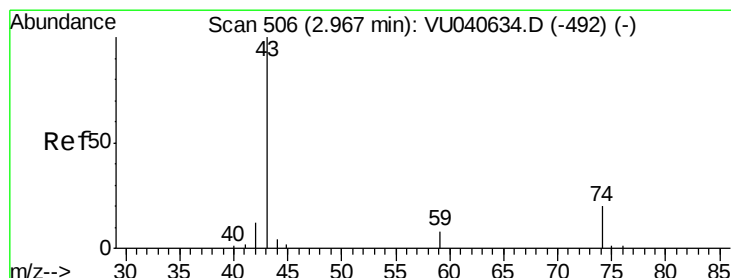
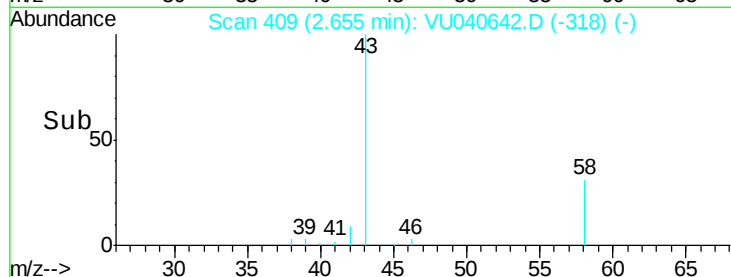
2000

0

Time-->

2.60

2.70



#15

Methyl Acetate

Concen: 0.211 ug/L

RT: 2.98 min Scan# 509

Delta R.T. 0.01 min

Lab File: VU040642.D

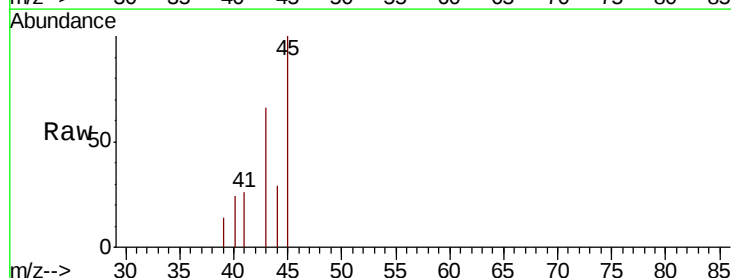
Acq: 10 Oct 2020 18:14

Tgt Ion: 43 Resp: 1223

Ion Ratio Lower Upper

43 100

74 0.0 16.5 24.7#



Abundance Ion 43.05 (42.75 to 43.75): VU040634.D (-492) (-)

Ion 74.05 (73.75 to 74.75): VU040634.D (-492) (-)

2.98

1000

800

600

400

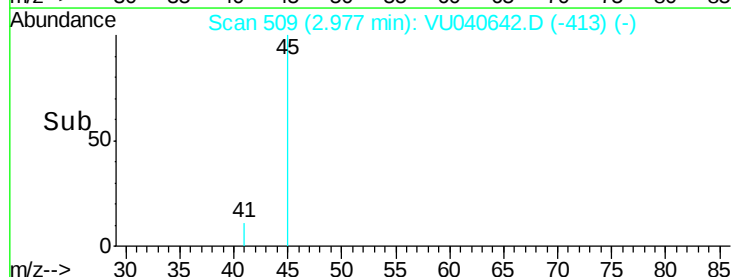
200

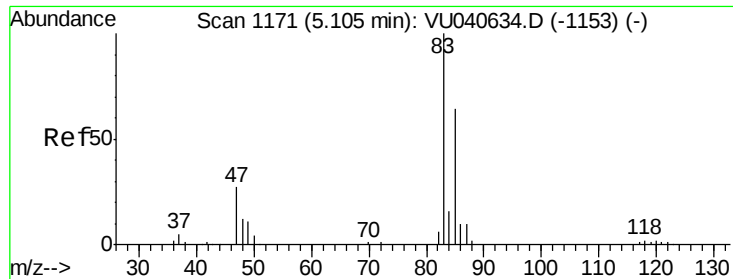
0

Time-->

2.95

3.00

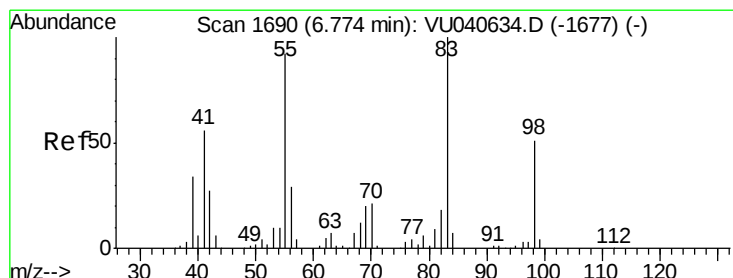
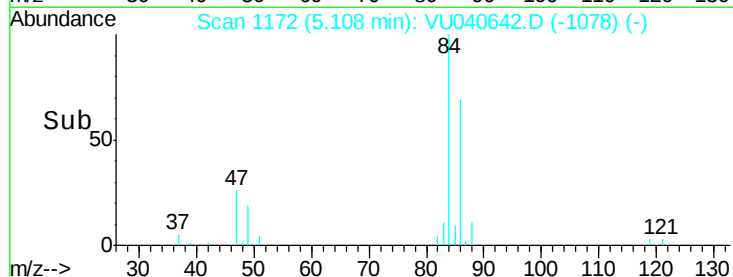
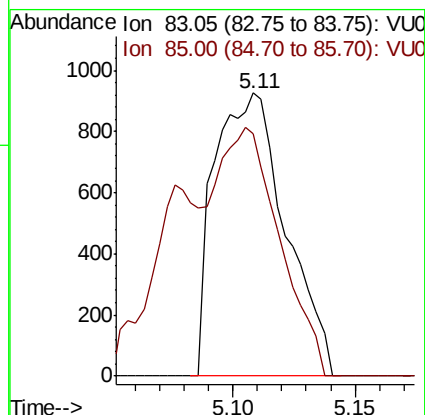
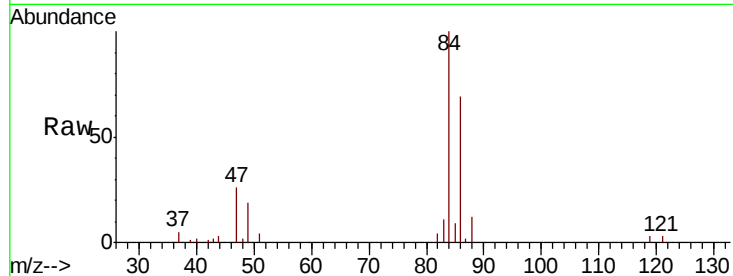




#25
Chloroform
Concen: 0.096 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040642.D
Acq: 10 Oct 2020 18:14

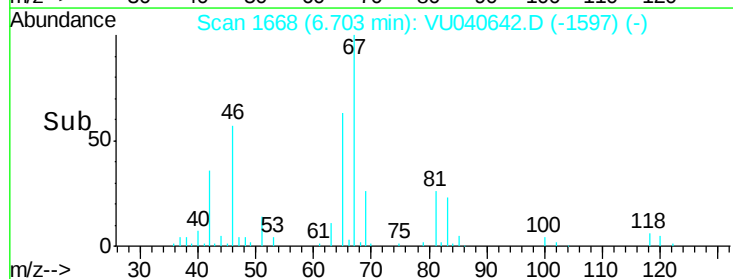
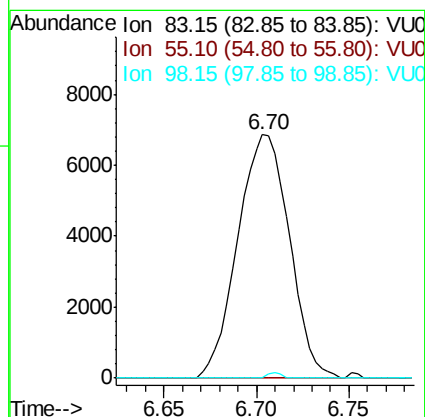
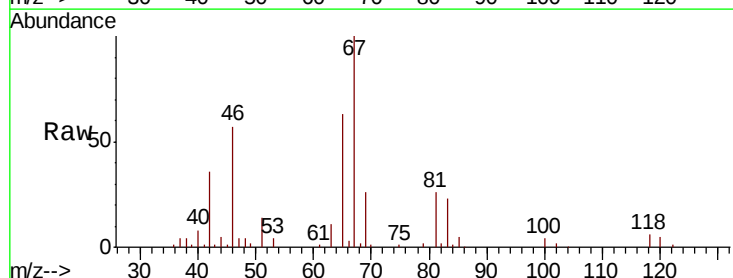
Instrument :
MSVOA_U
ClientSampled :
BG189

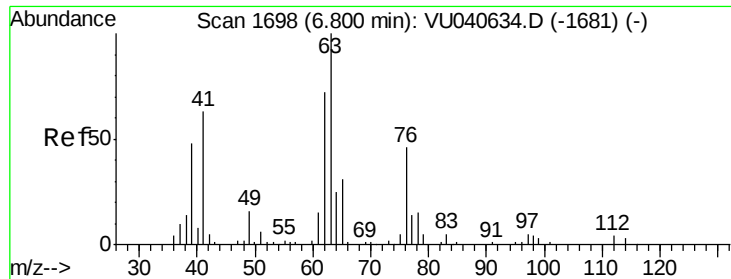
Tot Ion: 83 Resp: 1874
Ion Ratio Lower Upper
83 100
85 85.4 46.5 86.5



#35
Methylcyclohexane
Concen: 0.876 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040642.D
Acq: 10 Oct 2020 18:14

Tgt Ion: 83 Resp: 13280
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.6 38.4 57.6#

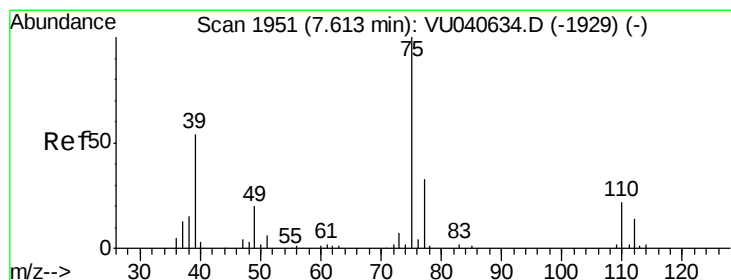
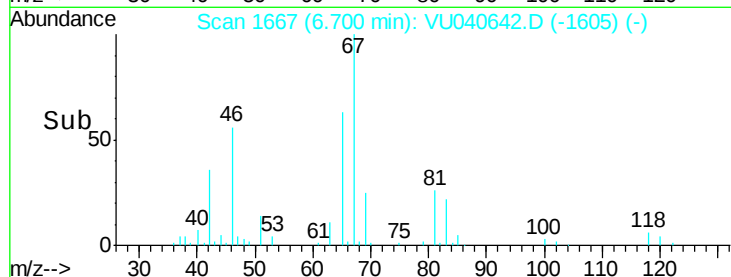
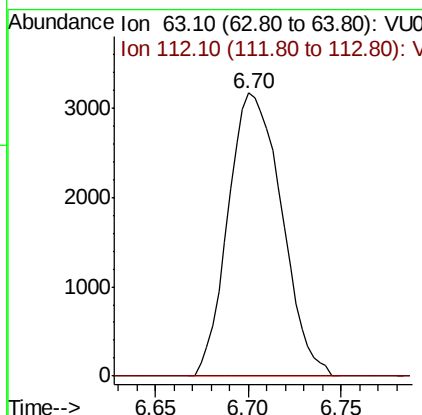
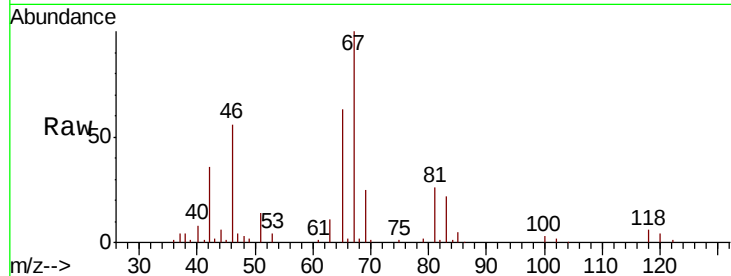




#37
 1,2-Dichloropropane
 Concen: 0.551 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040642.D
 Acq: 10 Oct 2020 18:14

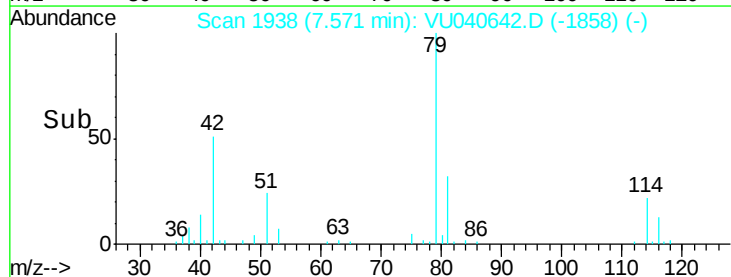
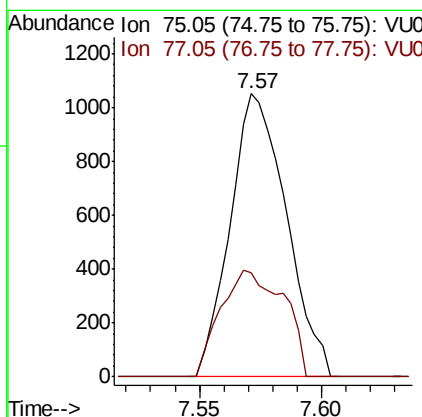
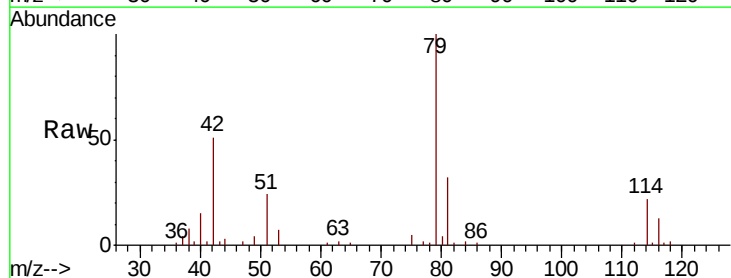
Instrument :
 MSVOA_U
 ClientSampleId :
 BG189

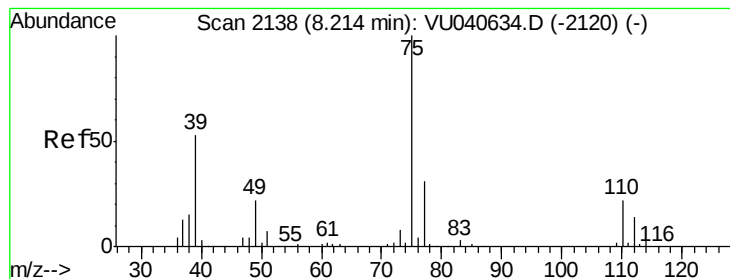
Tot Ion: 63 Resp: 6332
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040642.D
 Acq: 10 Oct 2020 18:14

Tgt Ion: 75 Resp: 1679
 Ion Ratio Lower Upper
 75 100
 77 36.6 20.5 38.1





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040642.D

Acq: 10 Oct 2020 18:14

Instrument :

MSVOA_U

ClientSampled :

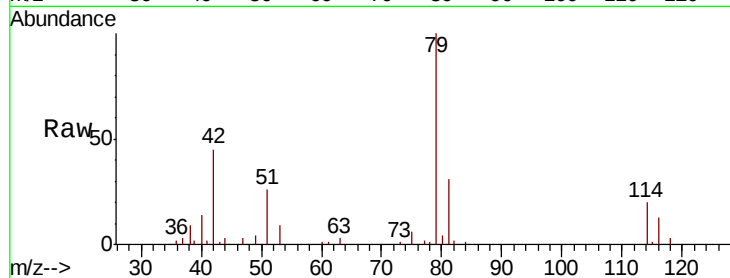
BG189

Tot Ion: 75 Resp: 1184

Ion Ratio Lower Upper

75 100

77 35.1 20.4 38.0



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.18

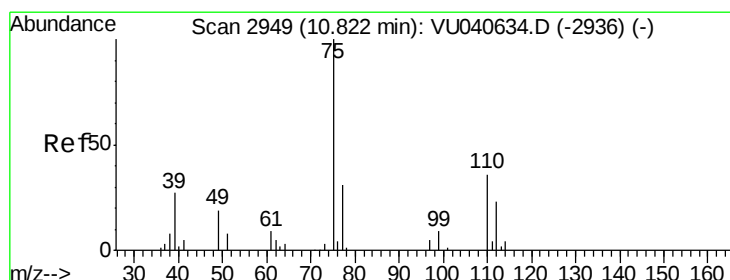
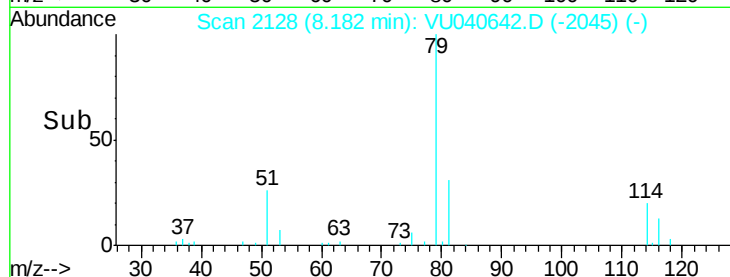
600

400

200

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.880 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040642.D

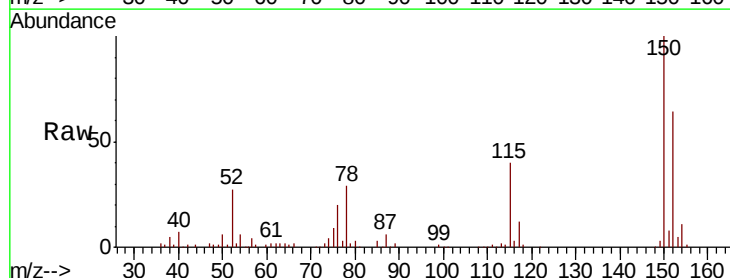
Acq: 10 Oct 2020 18:14

Tgt Ion: 75 Resp: 7423

Ion Ratio Lower Upper

75 100

77 41.1 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

5000

4000

3000

2000

1000

0

Time-->

