

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101520\
 Data File : VU040732.D
 Acq On : 15 Oct 2020 19:47
 Operator : SY/MD
 Sample : L4421-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG195

Quant Time: Oct 16 04:34:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 16 04:23:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	108950	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116241	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51174	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38361	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.92	69	35178	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.58	63	59929	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.65	46	158826	54.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.96%
24) Chloroform-d	5.08	84	85703	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.72	65	51741	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.74	84	150297	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.70	67	51971	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.91	98	117717	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.19	79	19095	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.64	63	109518	48.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.40%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47492	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	52233	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

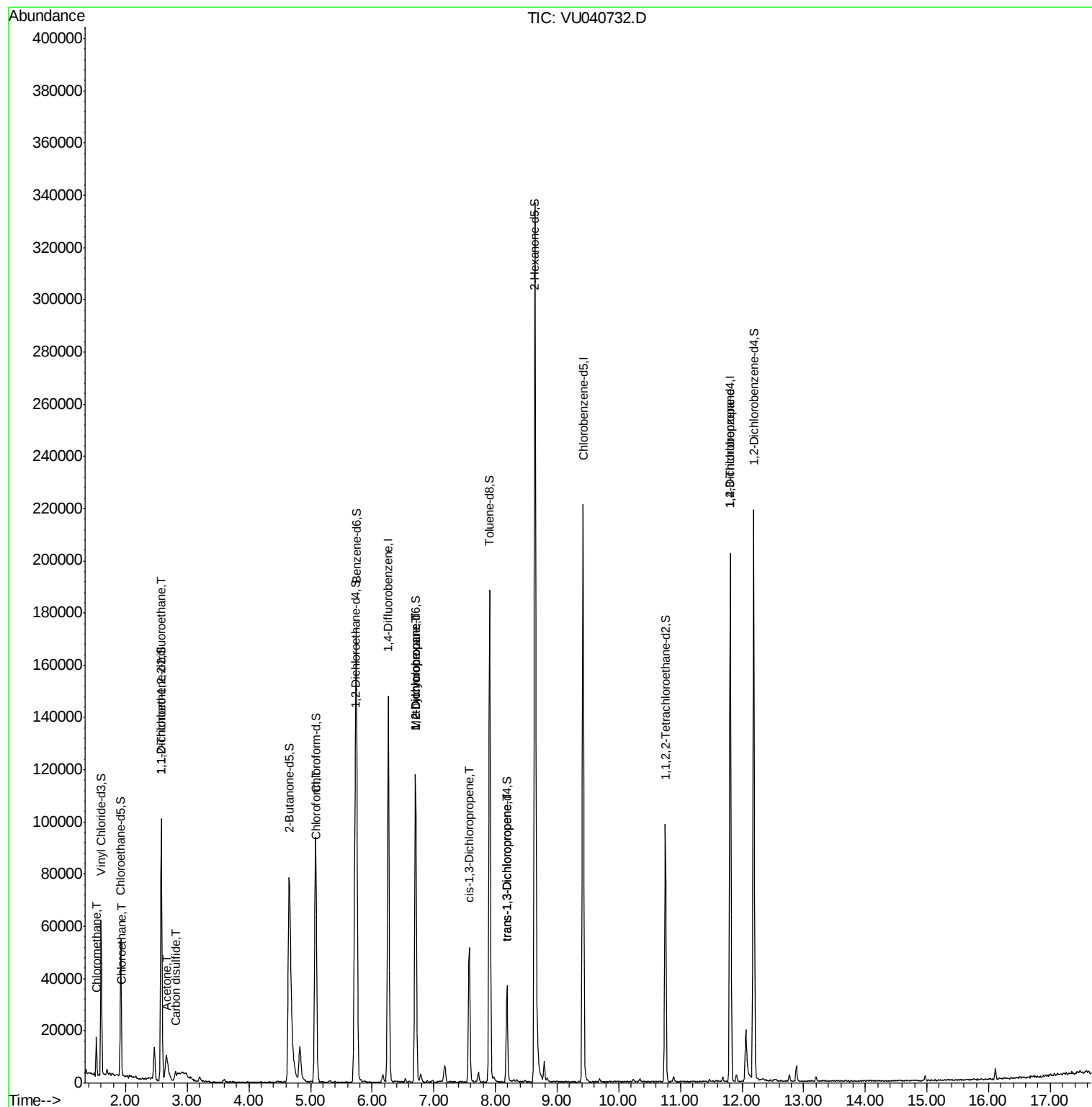
					Ovalue
3) Chloromethane	1.53	50	10184	1.103	ug/L 96
8) Chloroethane	1.94	64	723	0.117	ug/L # 41
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	425	0.047	ug/L # 20
13) Acetone	2.66	43	22183	9.906	ug/L 95
14) Carbon disulfide	2.81	76	3184	0.146	ug/L # 91
25) Chloroform	5.10	83	1512	0.088	ug/L 91
35) Methylcyclohexane	6.70	83	12529	0.913	ug/L # 14
37) 1,2-Dichloropropane	6.70	63	5966	0.573	ug/L # 87
39) cis-1,3-Dichloropropene	7.57	75	1312	0.092	ug/L # 75
44) trans-1,3-Dichloropropene	8.19	75	1031	0.079	ug/L # 61
59) 1,2,3-Trichloropropane	11.81	75	6719	0.879	ug/L # 83

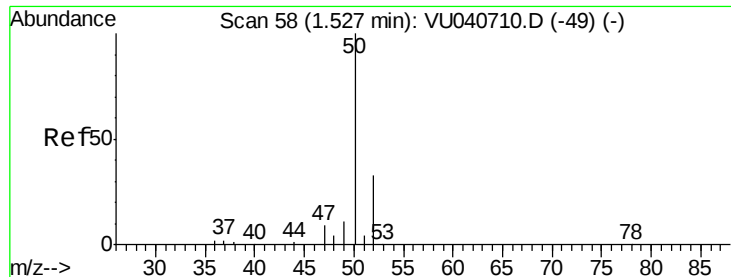
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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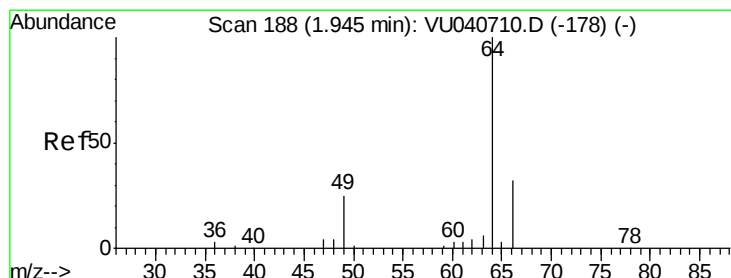
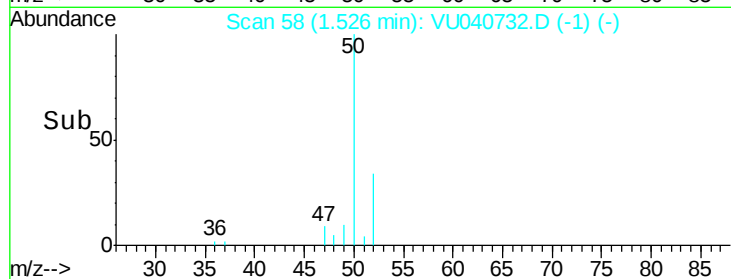
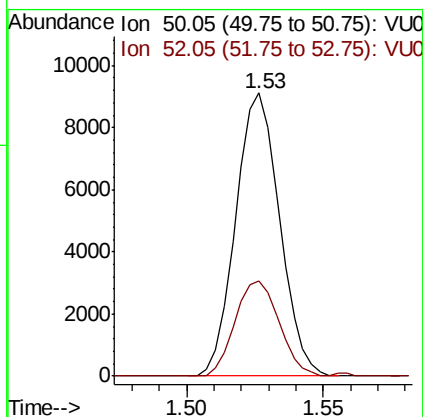
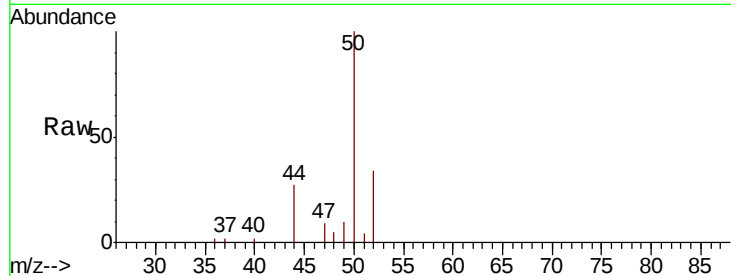




#3
Chloromethane
Concen: 1.103 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040732.D
Acq: 15 Oct 2020 19:47

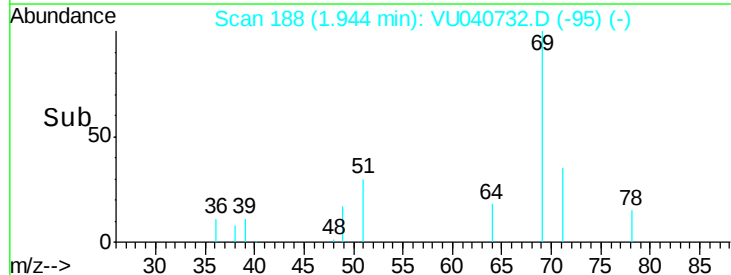
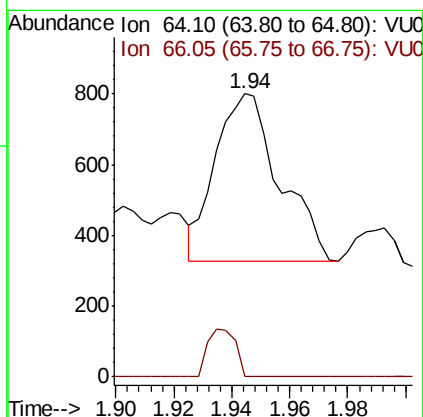
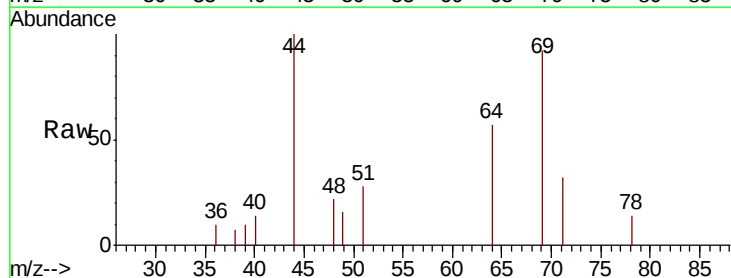
Instrument :
MSVOA_U
ClientSampleId :
BG195

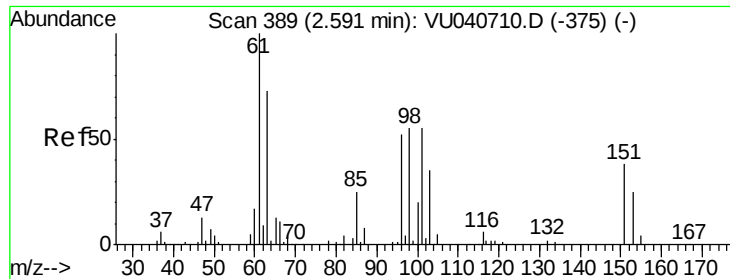
Tot Ion: 50 Resp: 10184
Ion Ratio Lower Upper
50 100
52 33.6 21.9 40.7



#8
Chloroethane
Concen: 0.117 ug/L
RT: 1.94 min Scan# 188
Delta R.T. -0.00 min
Lab File: VU040732.D
Acq: 15 Oct 2020 19:47

Tgt Ion: 64 Resp: 723
Ion Ratio Lower Upper
64 100
66 0.0 23.3 43.3#





#10

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

Concen: 0.047 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040732.D

Acq: 15 Oct 2020 19:47

Instrument :

MSVOA_U

ClientSampleId :

BG195

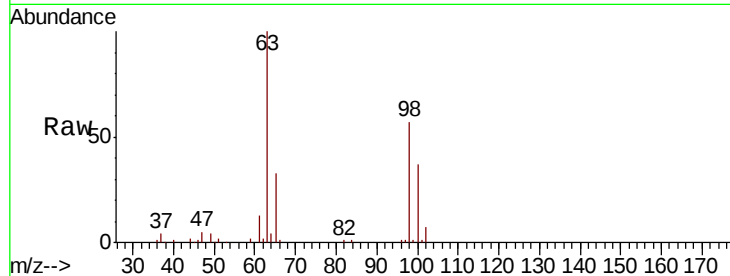
Tot Ion:101 Resp: 425

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

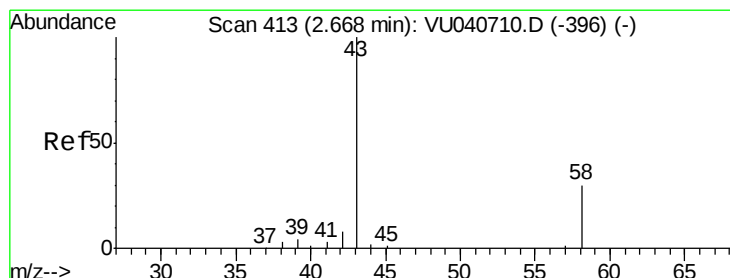
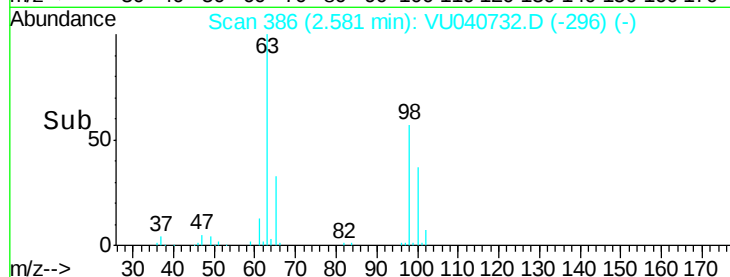
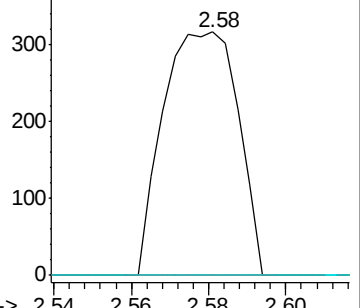
151 0.0 58.0 87.0#



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



#13

Acetone

Concen: 9.906 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU040732.D

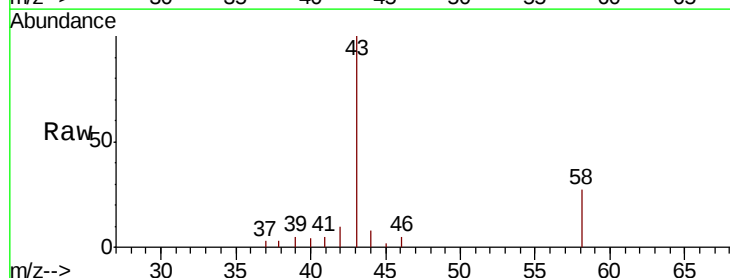
Acq: 15 Oct 2020 19:47

Tgt Ion: 43 Resp: 22183

Ion Ratio Lower Upper

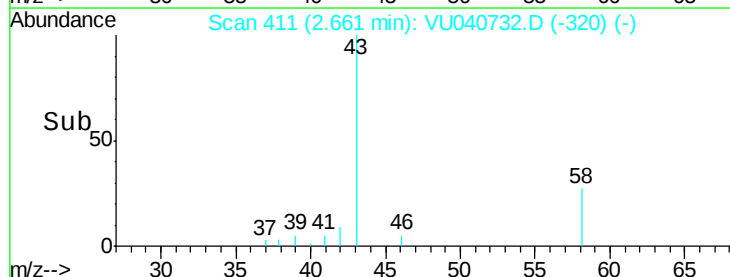
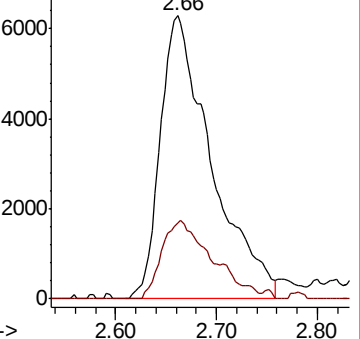
43 100

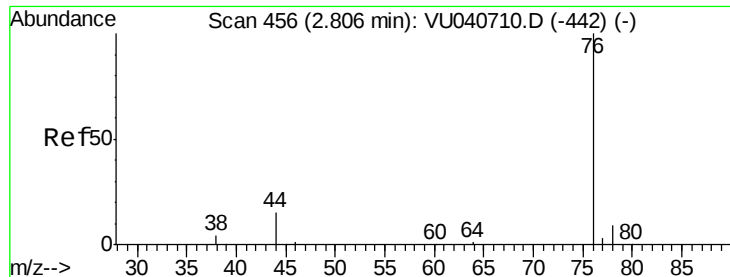
58 27.3 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#14

Carbon disulfide

Concen: 0.146 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040732.D

Acq: 15 Oct 2020 19:47

Instrument :

MSVOA_U

ClientSampleId :

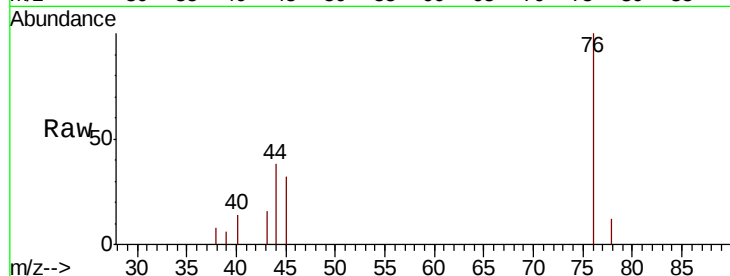
BG195

Tot Ion: 76 Resp: 3184

Ion Ratio Lower Upper

76 100

78 11.8 6.8 10.2#



Abundance Ion 76.05 (75.75 to 76.75): VU040710.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU040710.D (-442) (-)

2.81

2000

1500

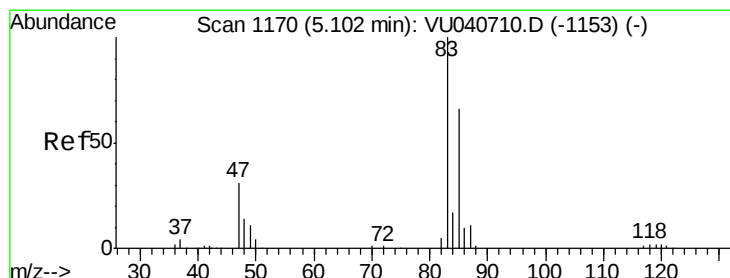
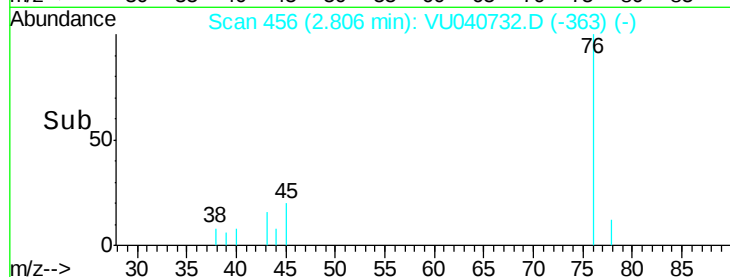
1000

500

0

2.75 2.80 2.85

Time-->



#25

Chloroform

Concen: 0.088 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VU040732.D

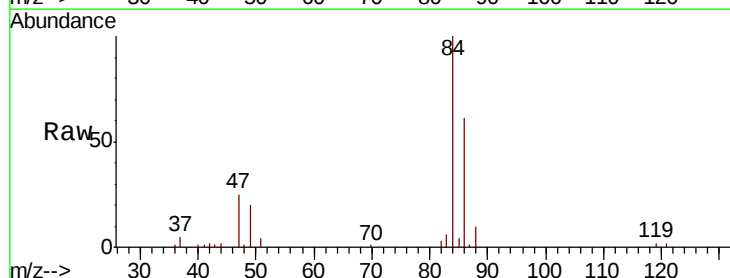
Acq: 15 Oct 2020 19:47

Tgt Ion: 83 Resp: 1512

Ion Ratio Lower Upper

83 100

85 74.0 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU040710.D (-1153) (-)

Ion 85.00 (84.70 to 85.70): VU040710.D (-1153) (-)

5.10

1000

800

600

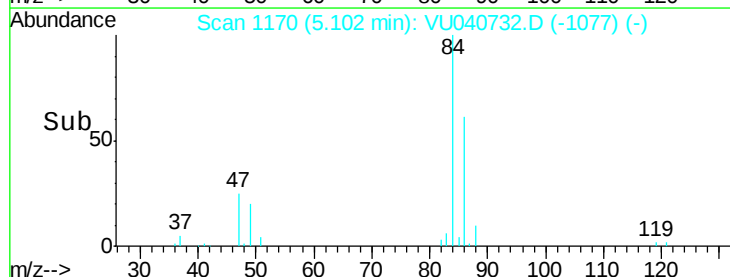
400

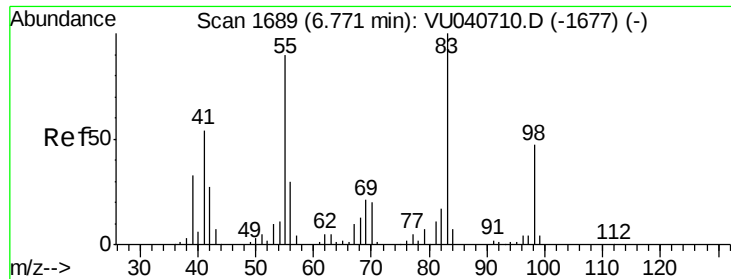
200

0

5.08 5.10 5.12 5.14

Time-->

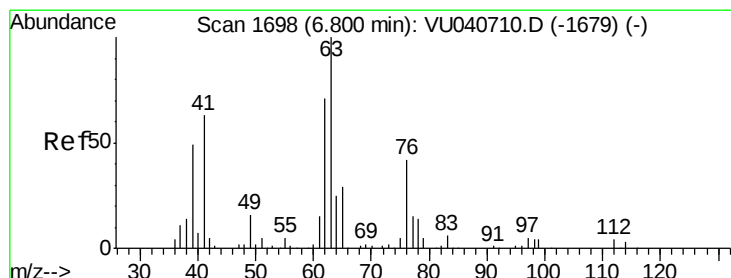
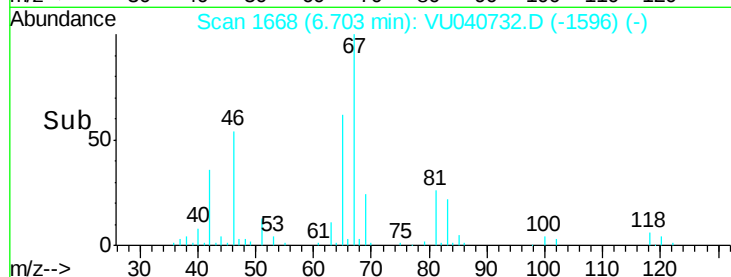
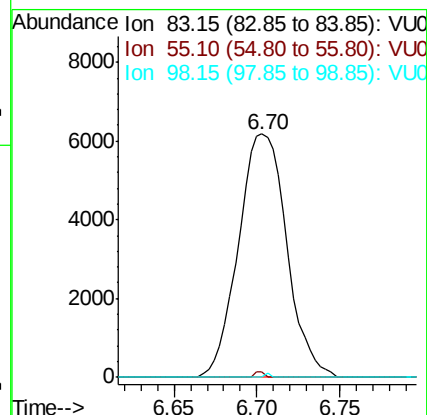
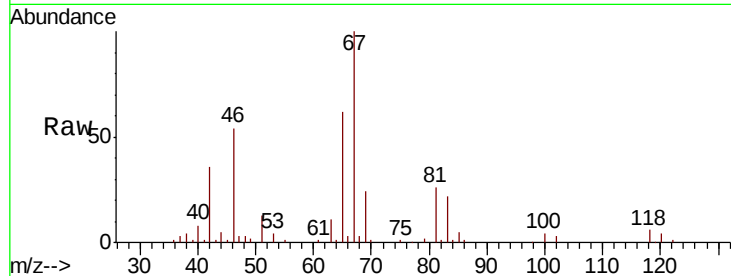




#35
Methvlcvclohexane
Concen: 0.913 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040732.D
Acq: 15 Oct 2020 19:47

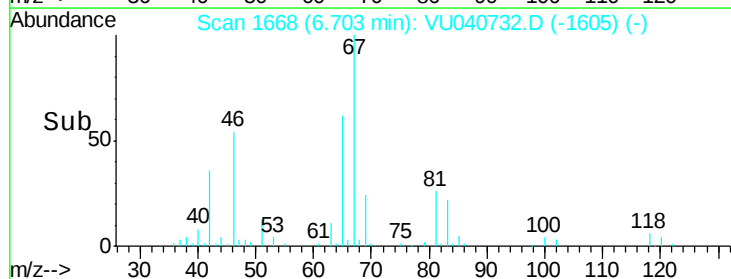
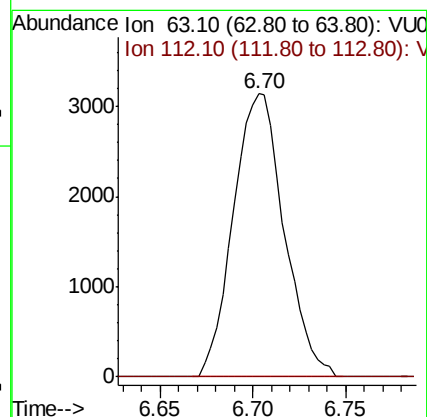
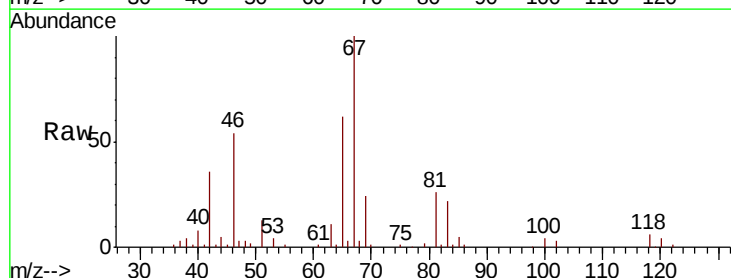
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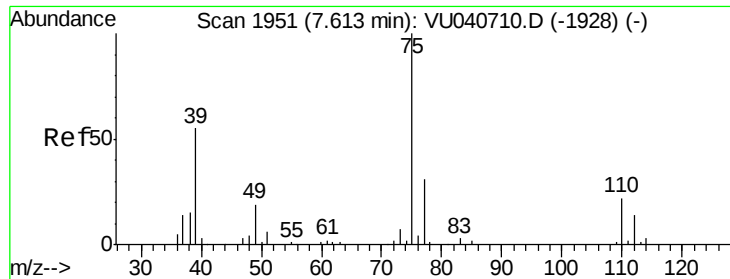
Tot Ion: 83 Resp: 12529
Ion Ratio Lower Upper
83 100
55 0.5 70.7 106.1#
98 0.2 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.573 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040732.D
Acq: 15 Oct 2020 19:47

Tgt Ion: 63 Resp: 5966
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU040732.D

Acq: 15 Oct 2020 19:47

Instrument :

MSVOA_U

ClientSampleId :

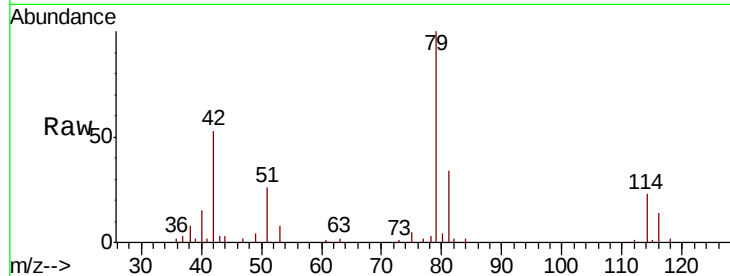
BG195

Tot Ion: 75 Resp: 1312

Ion Ratio Lower Upper

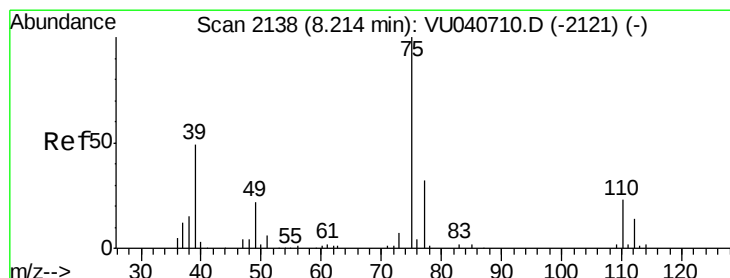
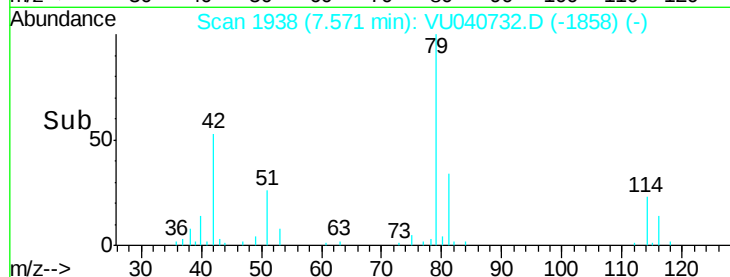
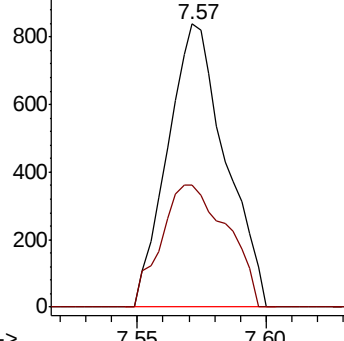
75 100

77 43.0 20.5 38.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040732.D

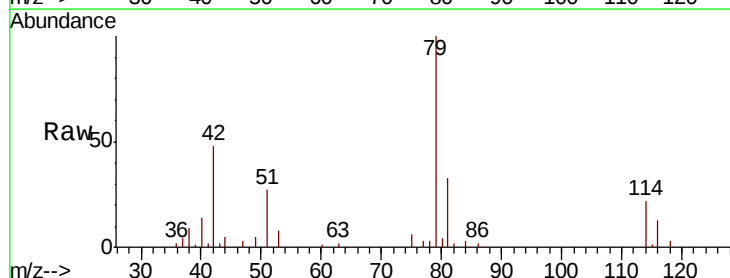
Acq: 15 Oct 2020 19:47

Tgt Ion: 75 Resp: 1031

Ion Ratio Lower Upper

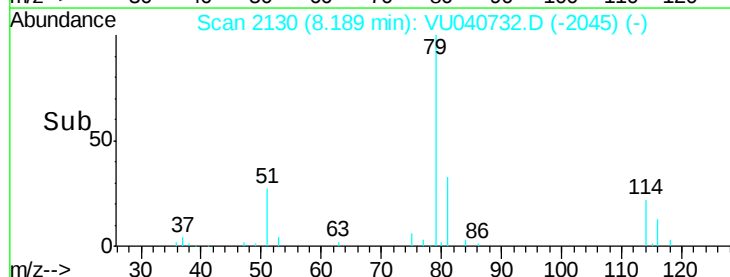
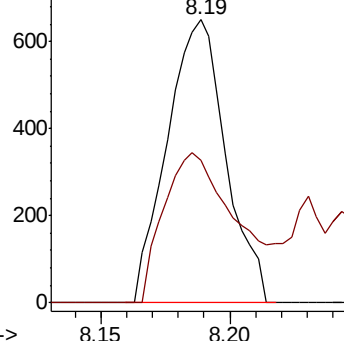
75 100

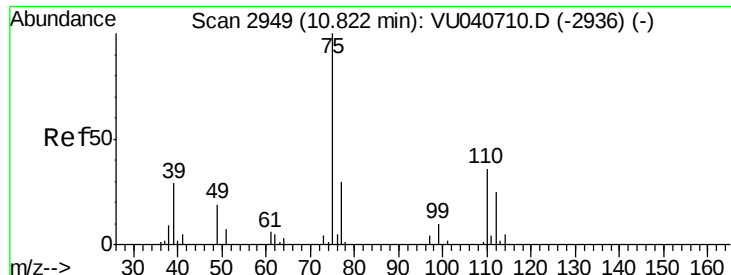
77 50.2 20.4 38.0#



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: 0.879 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040732.D

Acq: 15 Oct 2020 19:47

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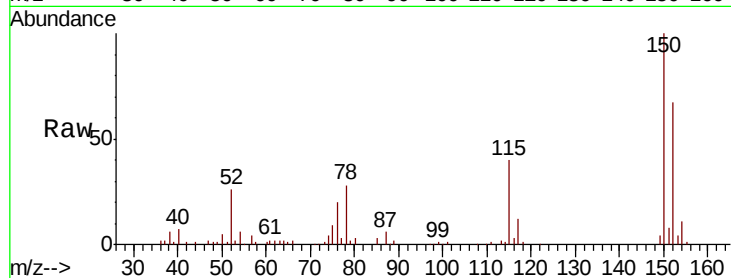
BG195

Tot Ion: 75 Resp: 6719

Ion Ratio Lower Upper

75 100

77 42.7 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

