

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101520\
 Data File : VU040714.D
 Acq On : 15 Oct 2020 12:49
 Operator : SY/MD
 Sample : L4401-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG192

Quant Time: Oct 16 04:31:38 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	127049	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132601	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57346	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	44559	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.92	69	39089	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.58	63	69436	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.66	46	174550	51.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.62%
24) Chloroform-d	5.08	84	92637	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.72	65	56872	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.74	84	168583	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.70	67	57052	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.91	98	133825	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	8.19	79	22127	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.64	63	120706	46.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51163	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	57625	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

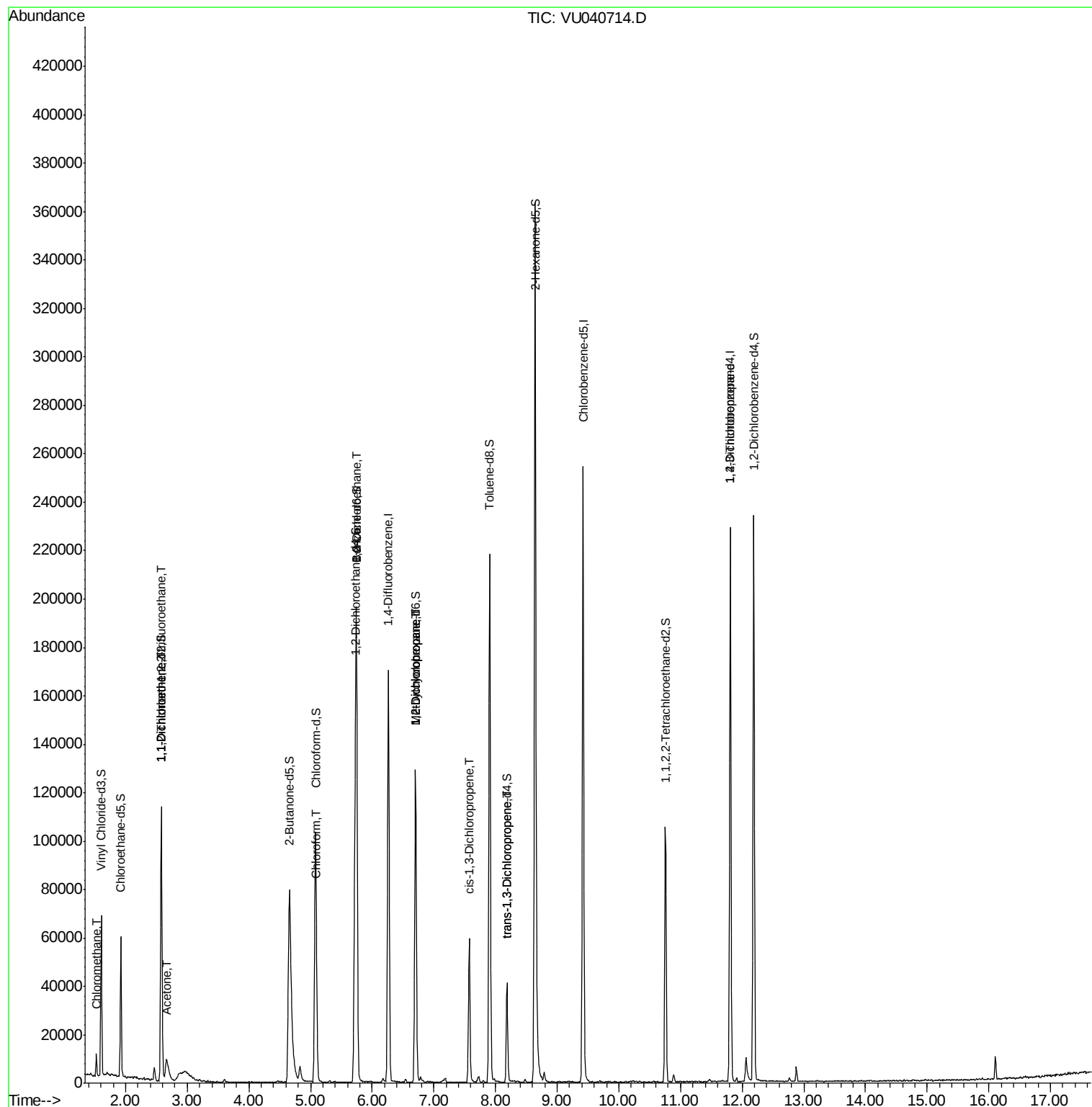
					Ovalue
3) Chloromethane	1.53	50	6349	0.590 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	590	0.056 ug/L #	20
12) 1,1-Dichloroethene	2.58	96	506	0.056 ug/L #	1
13) Acetone	2.67	43	22595	8.653 ug/L	87
25) Chloroform	5.11	83	1456	0.073 ug/L	87
27) 1,2-Dichloroethane	5.74	62	966	0.068 ug/L #	77
35) Methylcyclohexane	6.70	83	13494	0.862 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6618	0.558 ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1529	0.094 ug/L	88
44) trans-1,3-Dichloropropene	8.18	75	1098	0.074 ug/L	92
59) 1,2,3-Trichloropropane	11.81	75	7542	0.865 ug/L	94

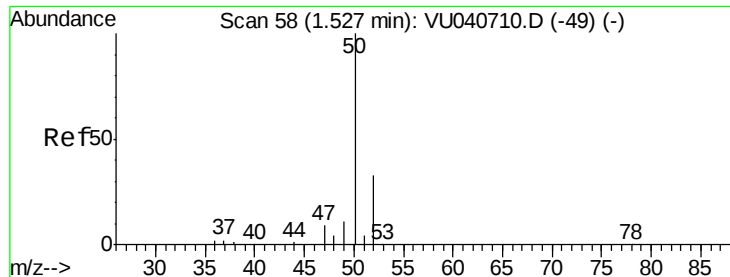
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.590 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040714.D

Acq: 15 Oct 2020 12:49

Instrument :

MSVOA_U

ClientSampleId :

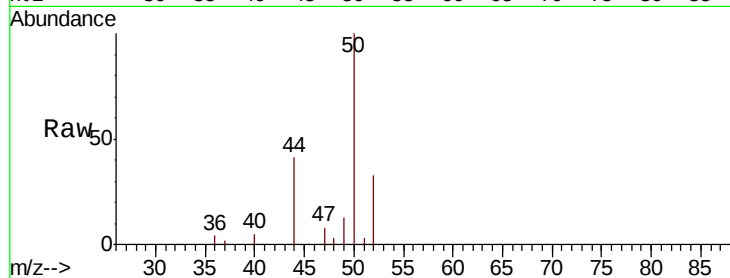
BG192

Tot Ion: 50 Resp: 6349

Ion Ratio Lower Upper

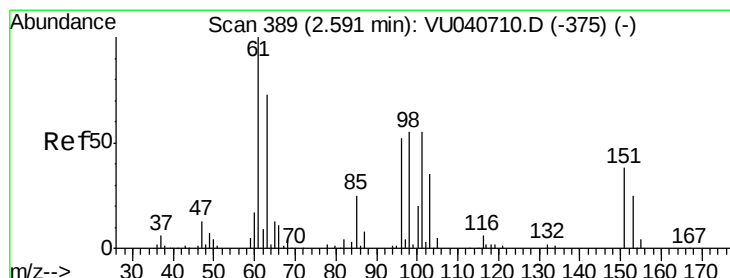
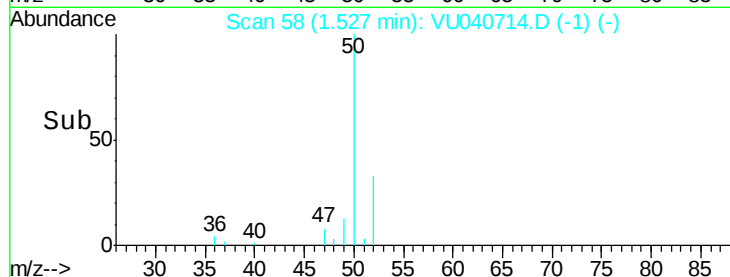
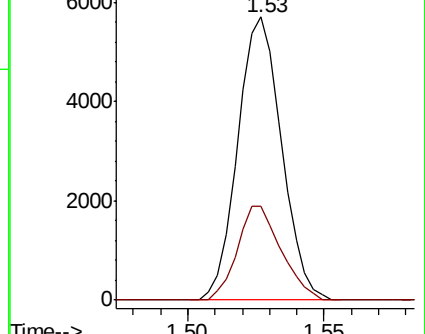
50 100

52 33.3 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU040714.D (-49) (-)

Ion 52.05 (51.75 to 52.75): VU040714.D (-49) (-)



#10

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

Concen: 0.056 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU040714.D

Acq: 15 Oct 2020 12:49

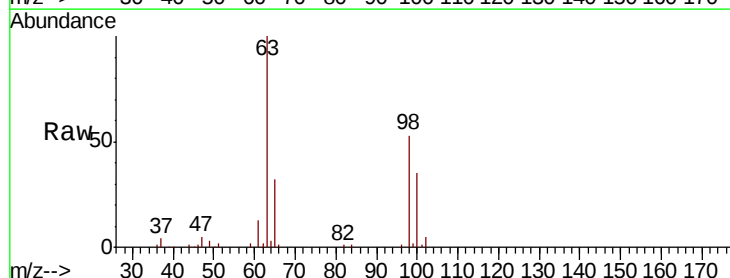
Tgt Ion:101 Resp: 590

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

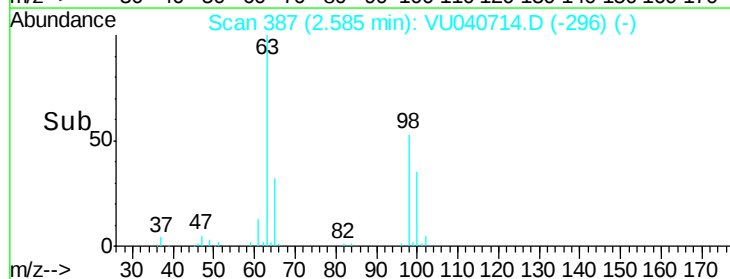
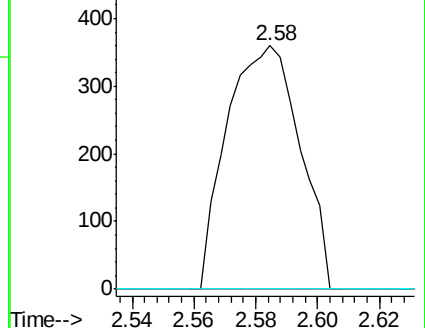
151 0.0 58.0 87.0#

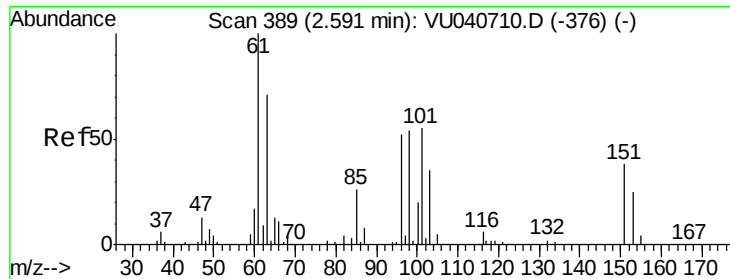


Abundance Ion 101.00 (100.70 to 101.70): VU040714.D (-296) (-)

Ion 85.00 (84.70 to 85.70): VU040714.D (-296) (-)

Ion 151.00 (150.70 to 151.70): VU040714.D (-296) (-)





#12

1,1-Dichloroethene

Concen: 0.056 ug/L

RT: 2.58 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU040714.D

Acq: 15 Oct 2020 12:49

Instrument :

MSVOA_U

ClientSampled :

BG192

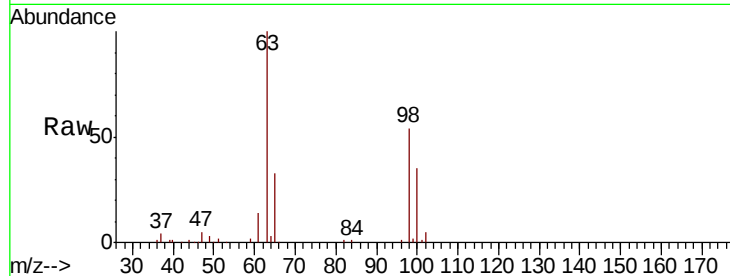
Tot Ion: 96 Resp: 506

Ion Ratio Lower Upper

96 100

61 1614.8 128.8 239.2#

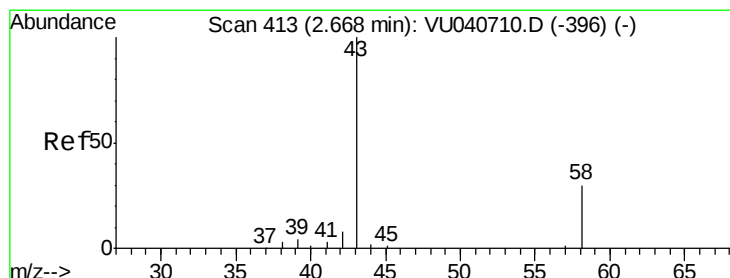
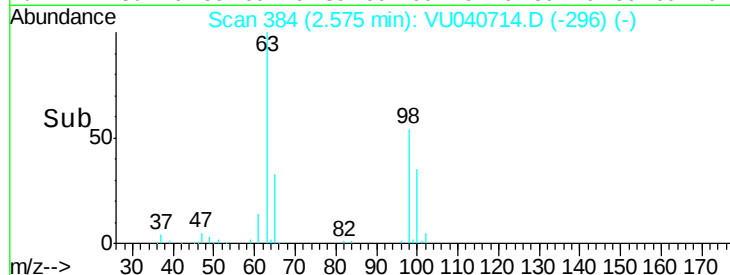
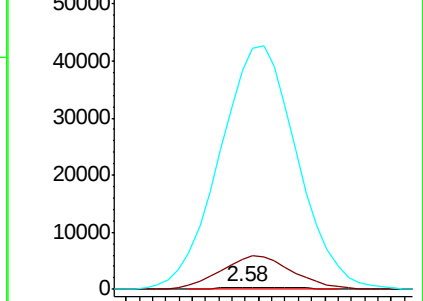
63 11753.8 84.6 157.2#



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: 8.653 ug/L

RT: 2.67 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU040714.D

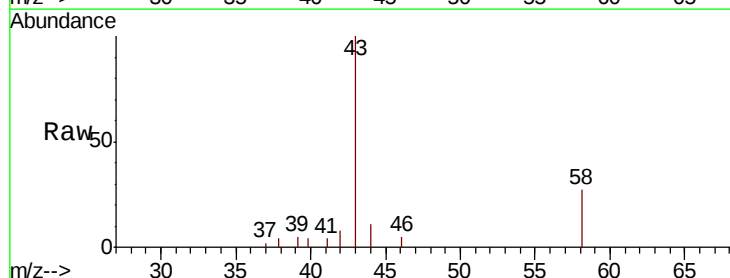
Acq: 15 Oct 2020 12:49

Tgt Ion: 43 Resp: 22595

Ion Ratio Lower Upper

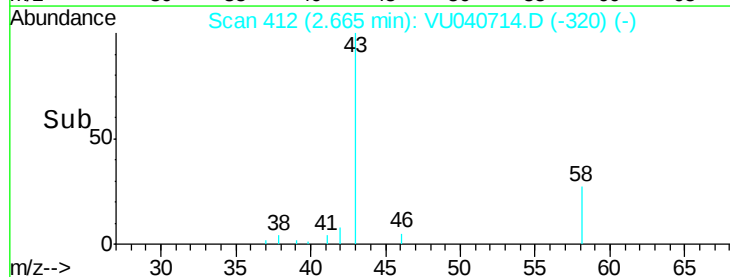
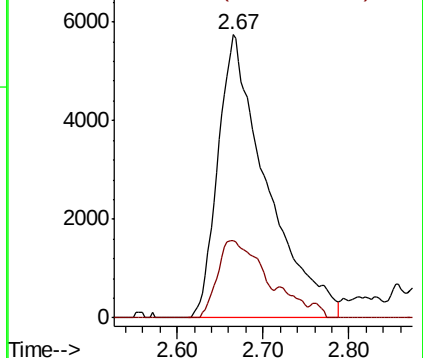
43 100

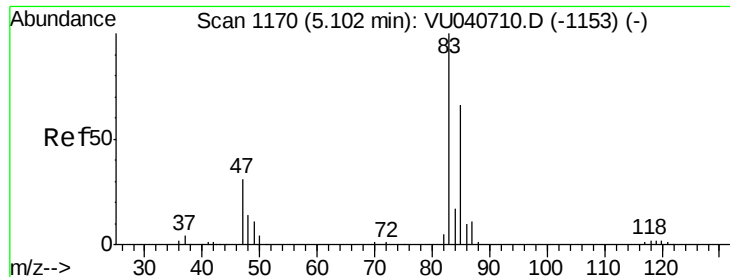
58 23.4 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

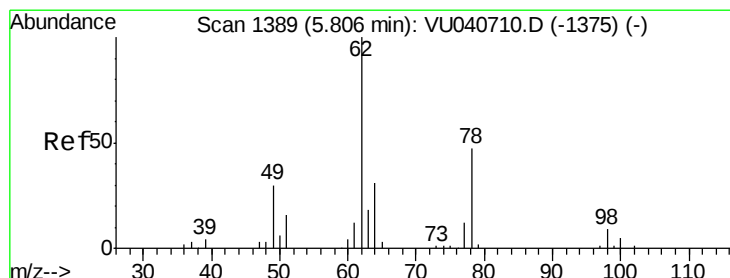
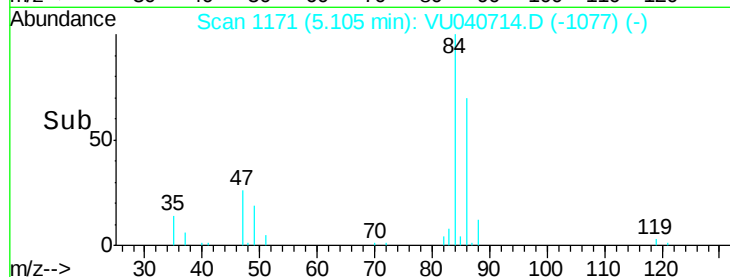
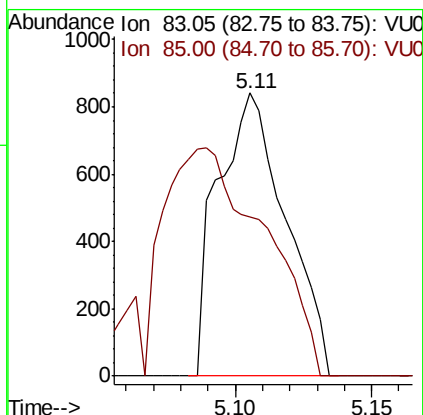
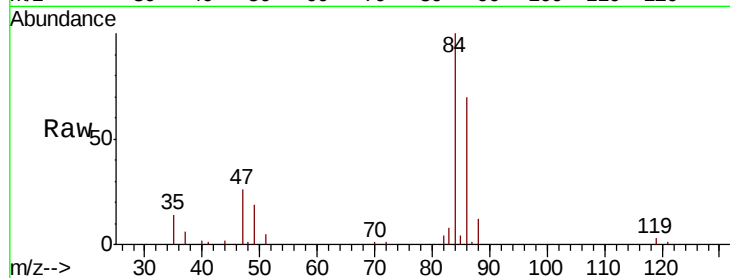




#25
Chloroform
Concen: 0.073 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040714.D
Acq: 15 Oct 2020 12:49

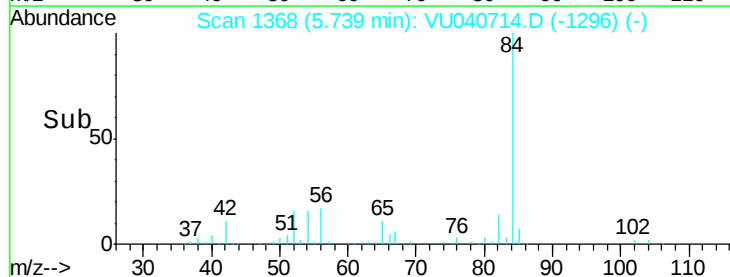
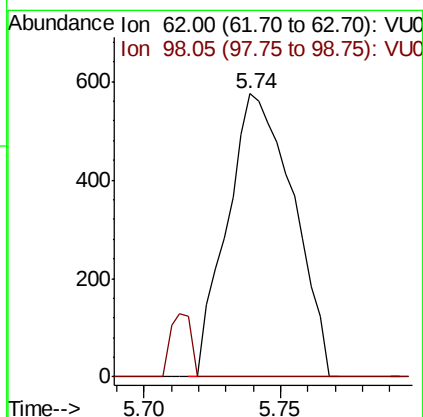
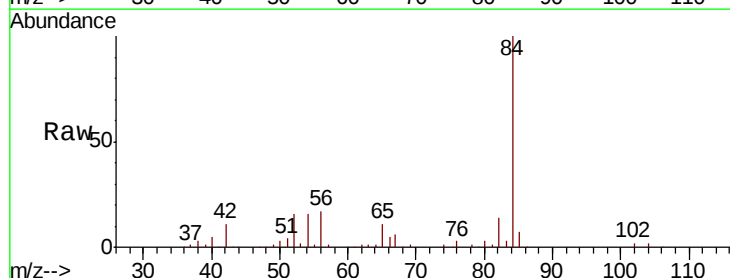
Instrument :
MSVOA_U
ClientSampled :
BG192

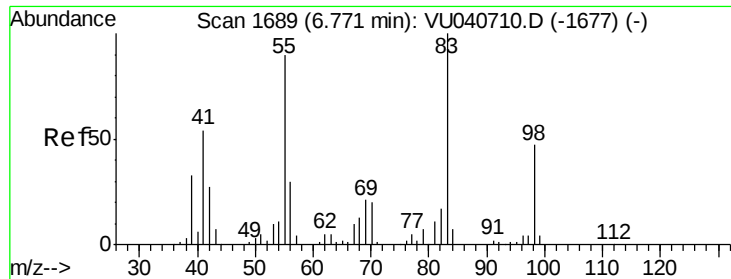
Tot Ion: 83 Resp: 1456
Ion Ratio Lower Upper
83 100
85 56.1 46.5 86.5



#27
1,2-Dichloroethane
Concen: 0.068 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU040714.D
Acq: 15 Oct 2020 12:49

Tgt Ion: 62 Resp: 966
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

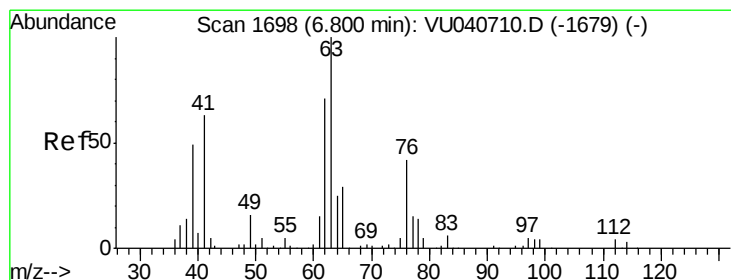
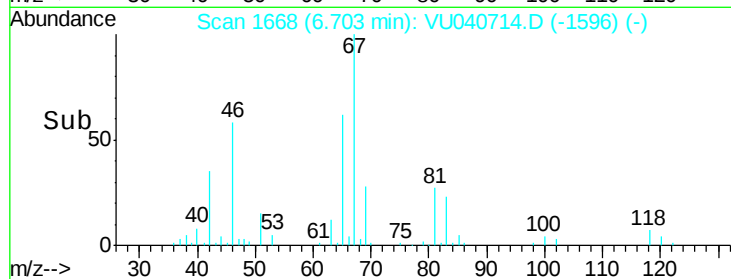
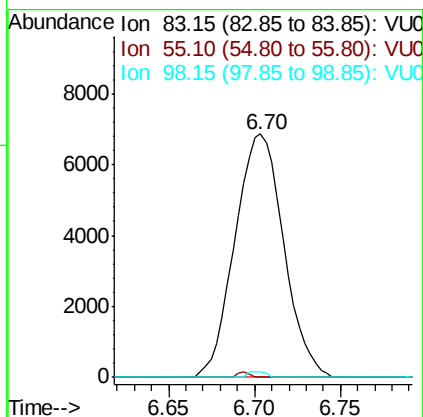
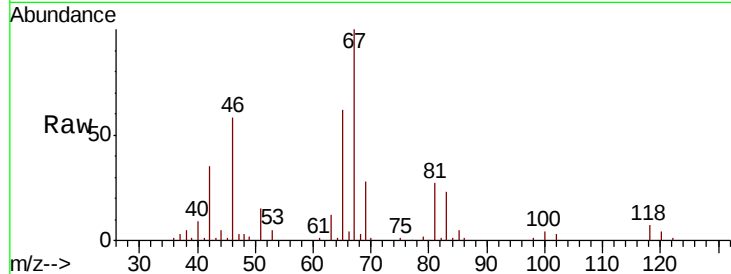




#35
Methvlcvclohexane
Concen: 0.862 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040714.D
Acq: 15 Oct 2020 12:49

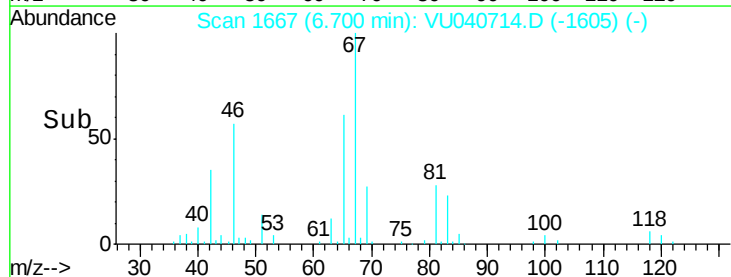
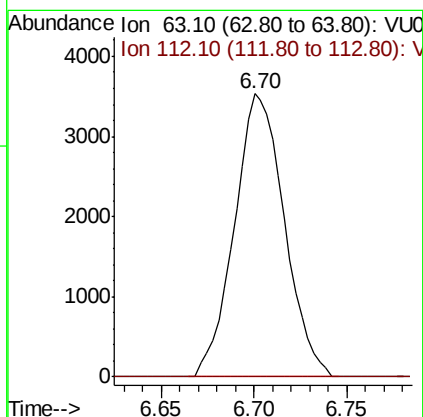
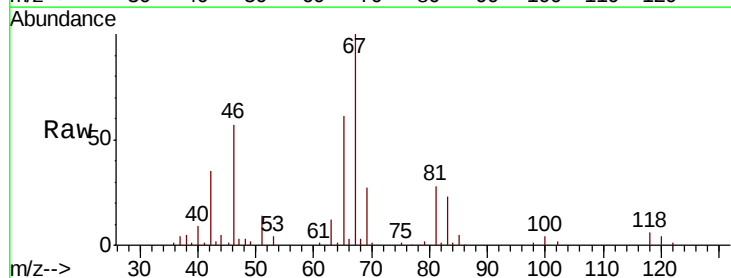
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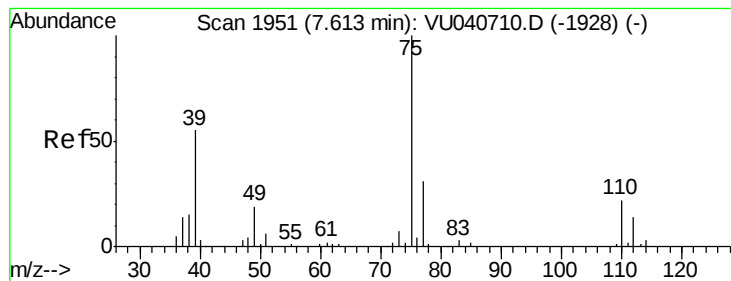
Tot Ion: 83 Resp: 13494
Ion Ratio Lower Upper
83 100
55 0.5 70.7 106.1#
98 0.9 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040714.D
Acq: 15 Oct 2020 12:49

Tgt Ion: 63 Resp: 6618
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



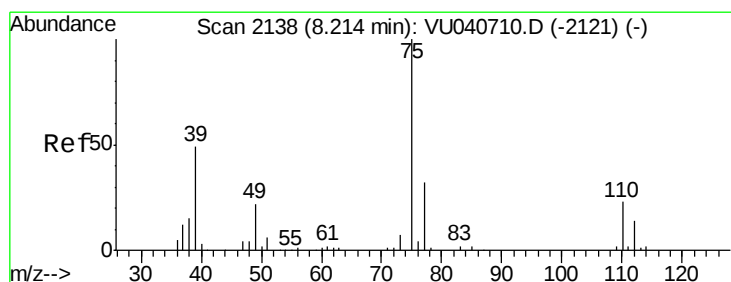
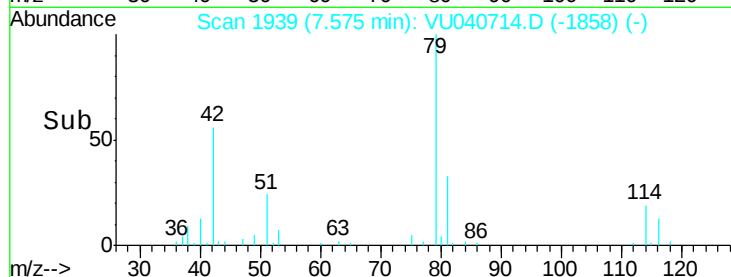
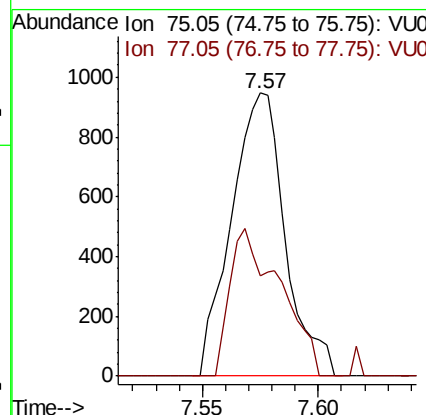
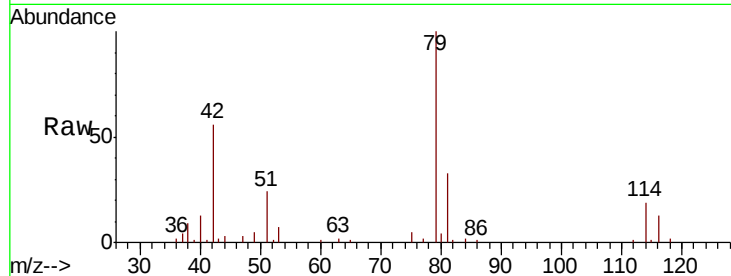


#39

cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040714.D
 Acq: 15 Oct 2020 12:49

Instrument :
 MSVOA_U
 ClientSampleId :
 BG192

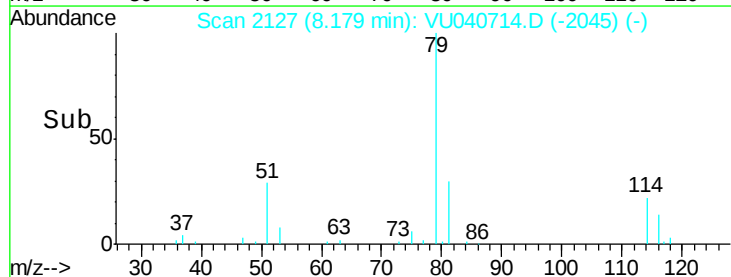
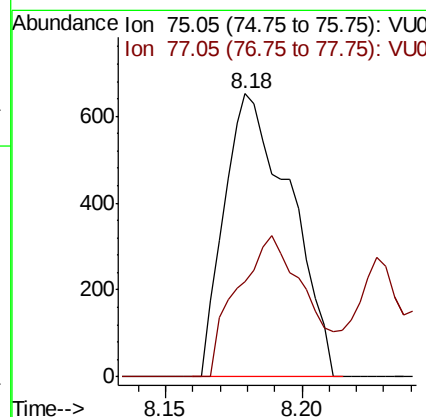
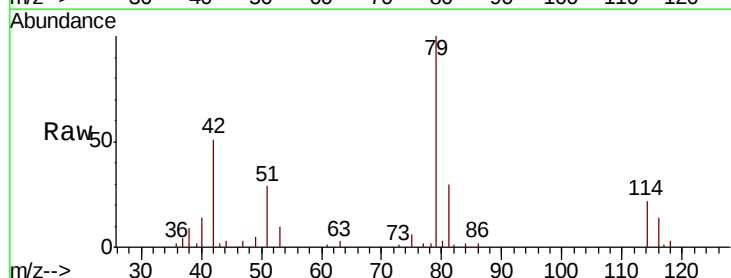
Tot Ion: 75 Resp: 1529
 Ion Ratio Lower Upper
 75 100
 77 35.7 20.5 38.1

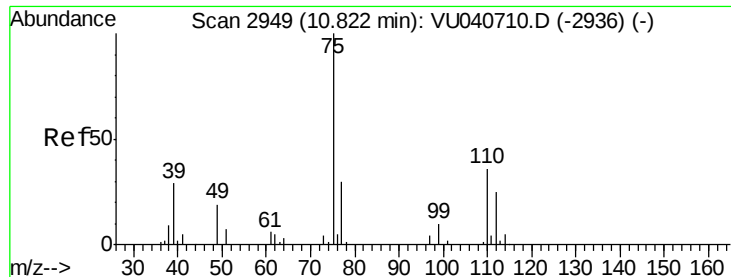


#44

trans-1,3-Dichloropropene
 Concen: 0.074 ug/L
 RT: 8.18 min Scan# 2127
 Delta R.T. -0.04 min
 Lab File: VU040714.D
 Acq: 15 Oct 2020 12:49

Tgt Ion: 75 Resp: 1098
 Ion Ratio Lower Upper
 75 100
 77 33.4 20.4 38.0





#59

1,2,3-Trichloropropane

Concen: 0.865 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040714.D

Acq: 15 Oct 2020 12:49

Instrument :

MSVOA_U

ClientSampleId :

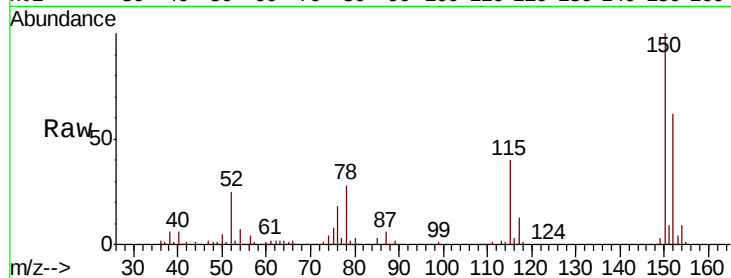
BG192

Tot Ion: 75 Resp: 7542

Ion Ratio Lower Upper

75 100

77 36.5 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

