

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101520\
 Data File : VU040713.D
 Acq On : 15 Oct 2020 12:26
 Operator : SY/MD
 Sample : L4401-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG191

Quant Time: Oct 16 04:31:28 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	124718	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132881	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57351	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	41085	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.92	69	36880	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.58	63	65581	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.66	46	166389	50.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.62%
24) Chloroform-d	5.08	84	88199	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	53976	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.74	84	157522	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.70	67	53148	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.91	98	125078	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	8.19	79	20752	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.64	63	112833	43.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.88%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48058	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	54195	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

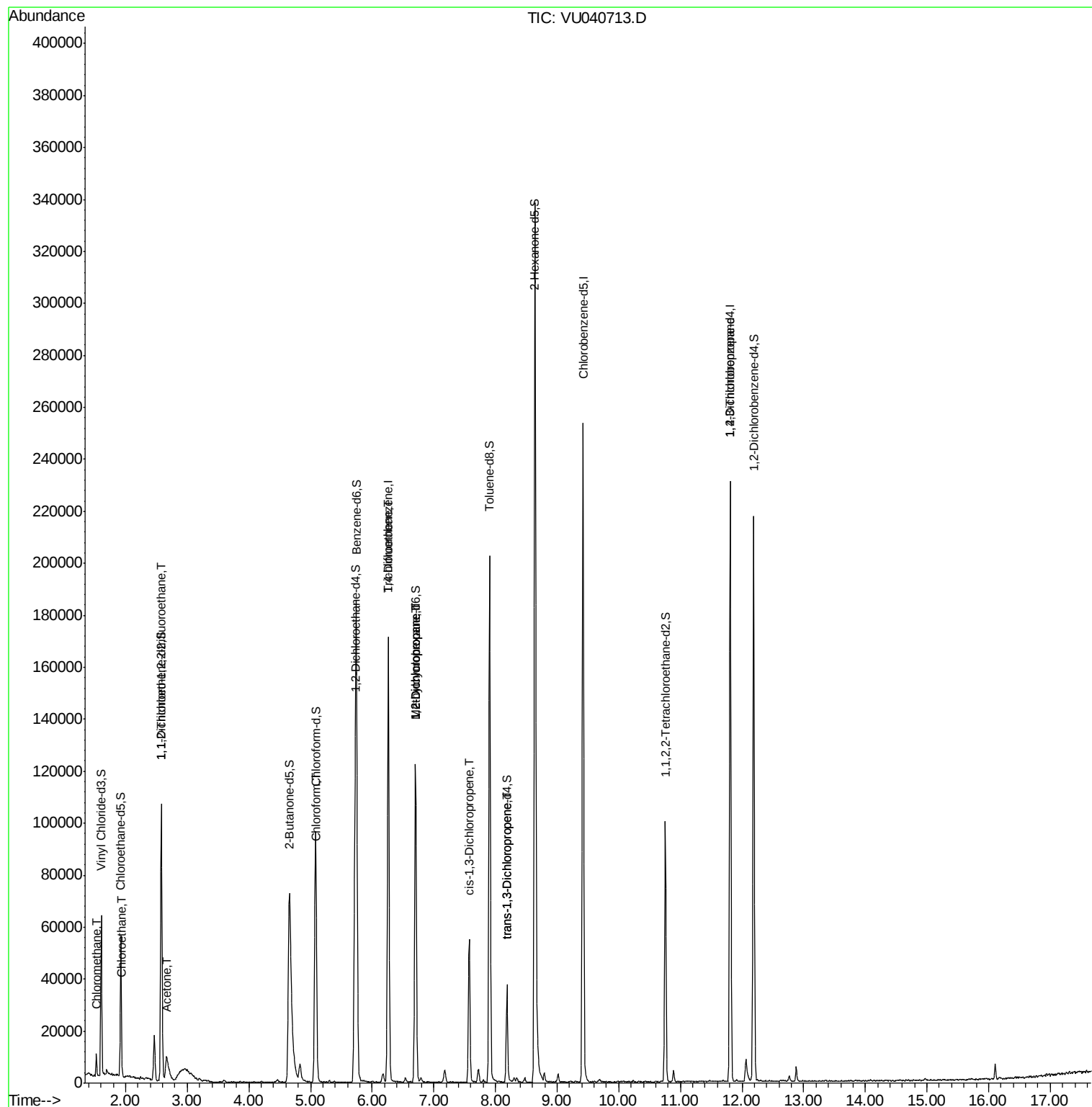
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	5667	0.536	ug/L	98
8) Chloroethane	1.94	64	672	0.095	ug/L #	61
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	519	0.050	ug/L #	20
13) Acetone	2.66	43	23680	9.238	ug/L	93
25) Chloroform	5.10	83	1306	0.066	ug/L	96
34) Trichloroethene	6.26	95	2340	0.211	ug/L #	5
35) Methylcyclohexane	6.70	83	13280	0.846	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6430	0.541	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1366	0.084	ug/L #	29
44) trans-1,3-Dichloropropene	8.18	75	940	0.063	ug/L #	74
59) 1,2,3-Trichloropropane	11.81	75	7792	0.892	ug/L #	83

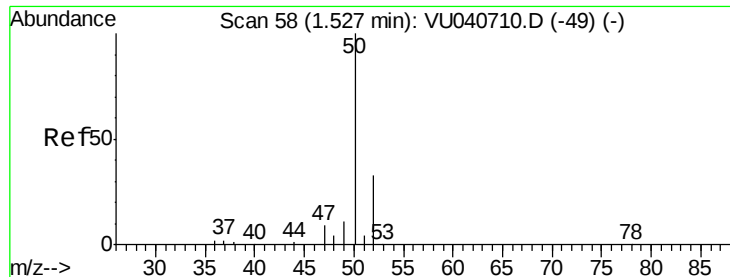
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.536 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040713.D

Acq: 15 Oct 2020 12:26

Instrument :

MSVOA_U

ClientSampleId :

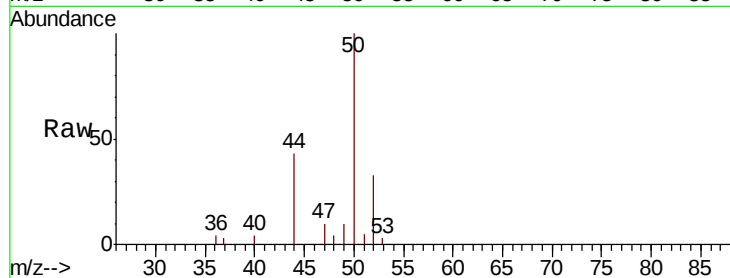
BG191

Tot Ion: 50 Resp: 5667

Ion Ratio Lower Upper

50 100

52 32.5 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.53

6000

5000

4000

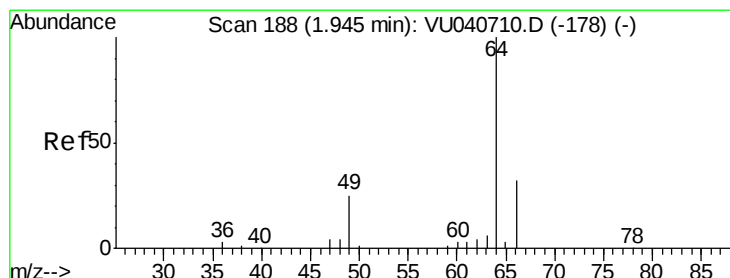
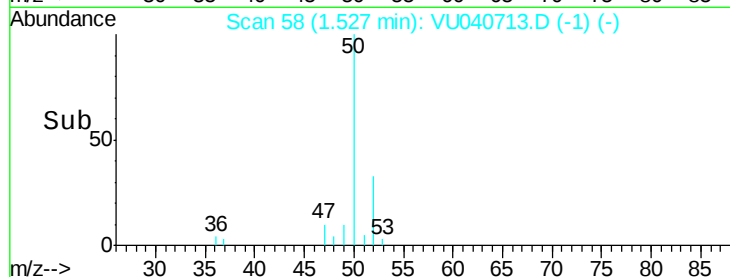
3000

2000

1000

0

Time-->



#8

Chloroethane

Concen: 0.095 ug/L

RT: 1.94 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU040713.D

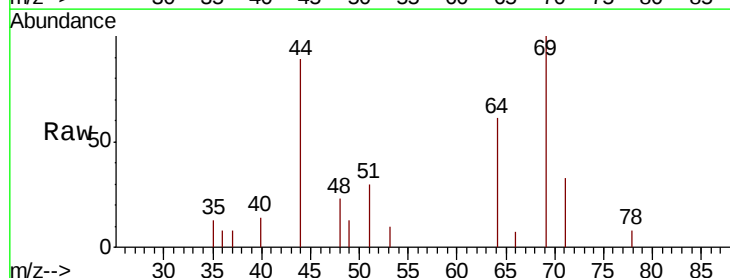
Acq: 15 Oct 2020 12:26

Tgt Ion: 64 Resp: 672

Ion Ratio Lower Upper

64 100

66 11.0 23.3 43.3#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.94

1000

800

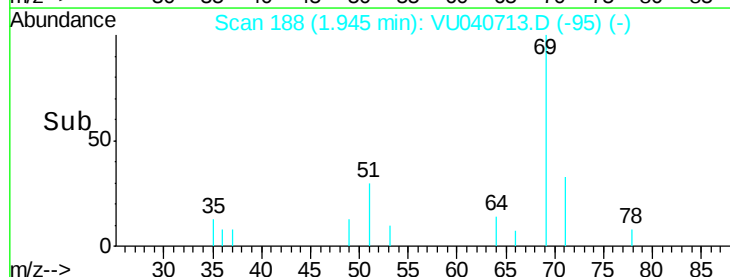
600

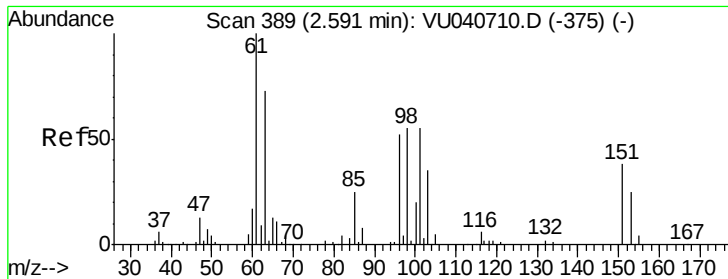
400

200

0

Time-->





#10

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

Concen: 0.050 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU040713.D

Acq: 15 Oct 2020 12:26

Instrument :

MSVOA_U

ClientSampleId :

BG191

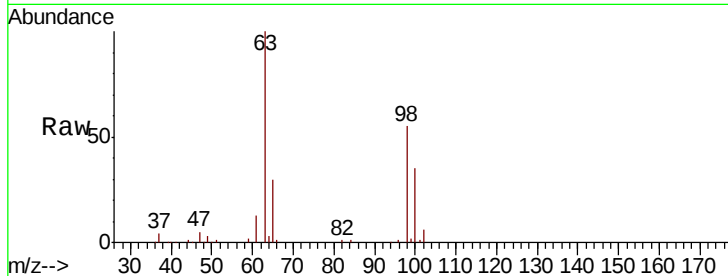
Tot Ion:101 Resp: 519

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

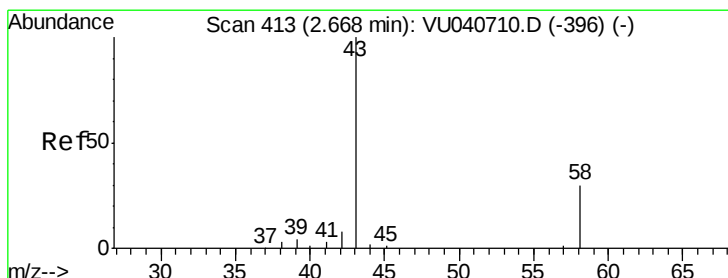
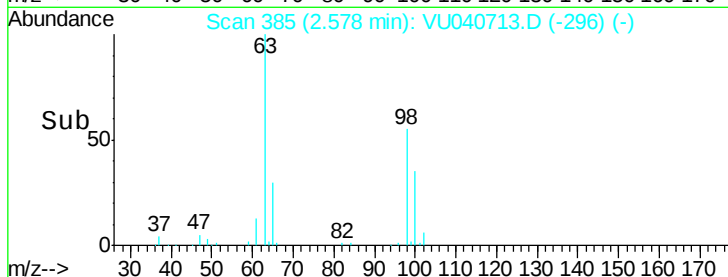
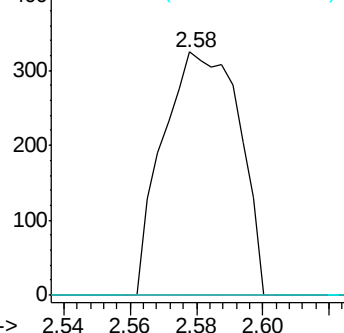
151 0.0 58.0 87.0#



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: 9.238 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU040713.D

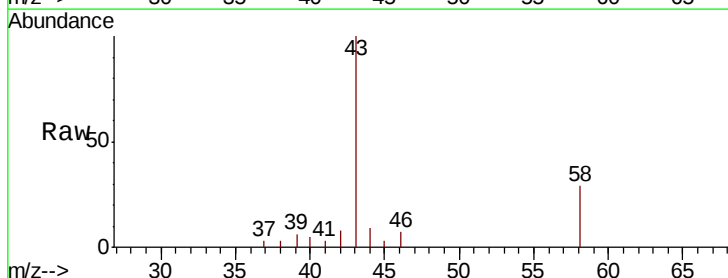
Acq: 15 Oct 2020 12:26

Tgt Ion: 43 Resp: 23680

Ion Ratio Lower Upper

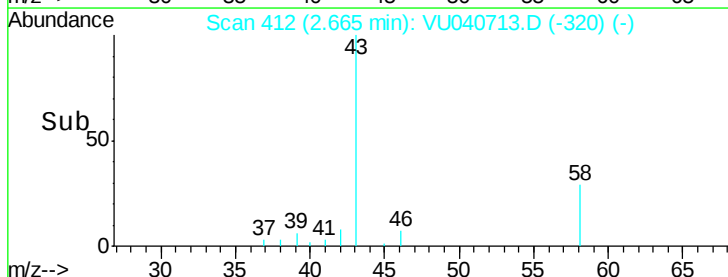
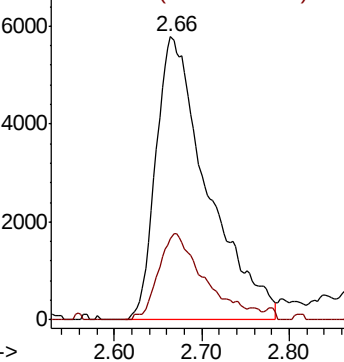
43 100

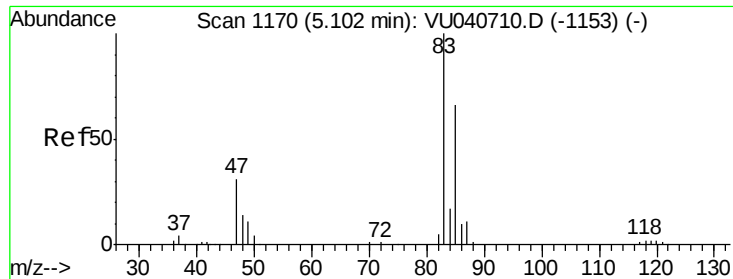
58 26.7 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

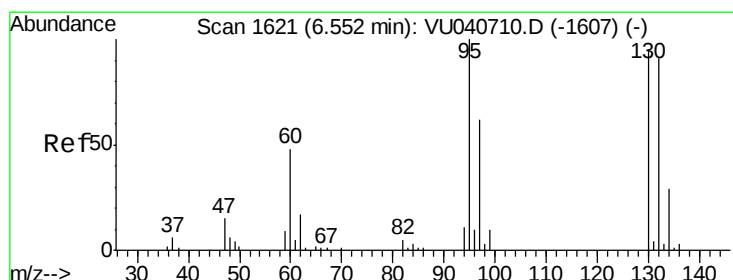
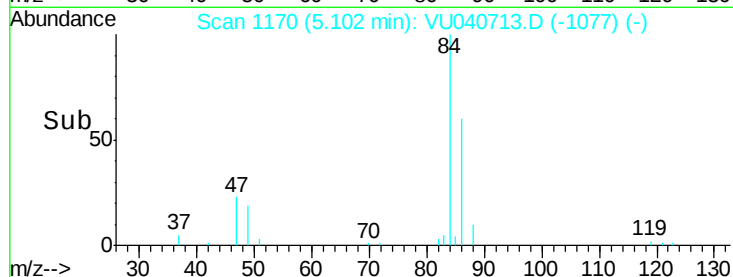
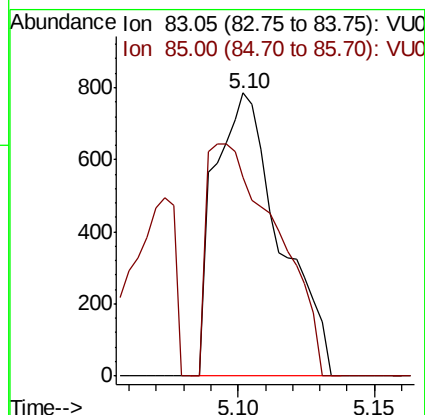
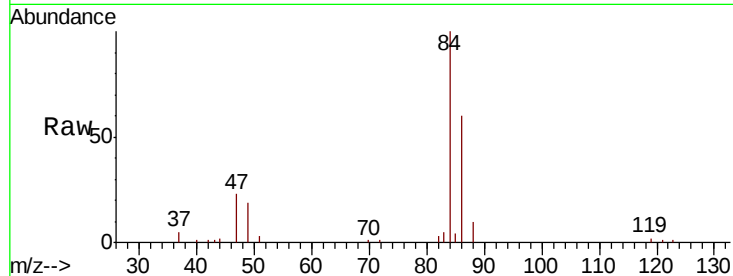




#25
Chloroform
Concen: 0.066 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040713.D
Acq: 15 Oct 2020 12:26

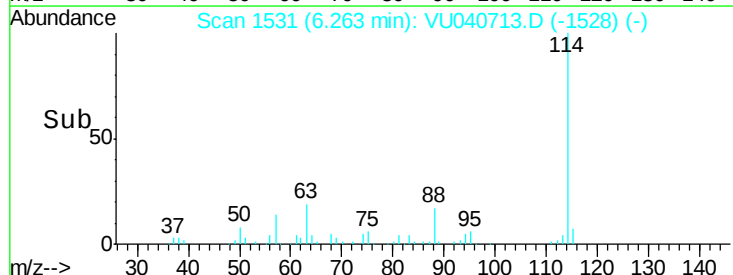
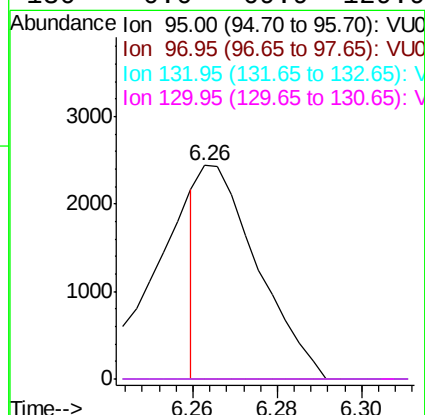
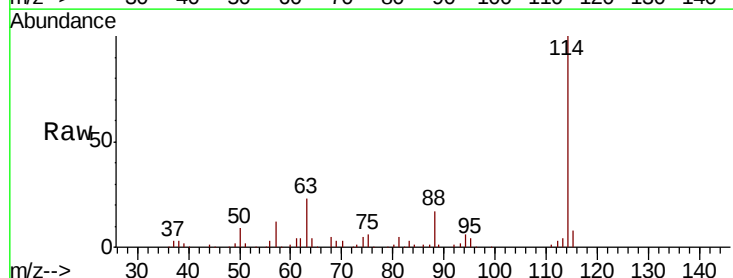
Instrument :
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ClientSampled :
BG191

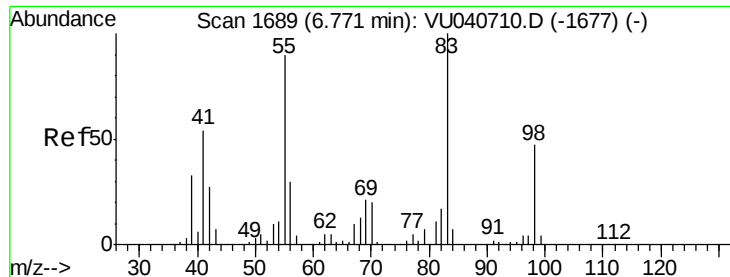
Tot Ion: 83 Resp: 1306
Ion Ratio Lower Upper
83 100
85 70.1 46.5 86.5



#34
Trichloroethene
Concen: 0.211 ug/L
RT: 6.26 min Scan# 1531
Delta R.T. -0.29 min
Lab File: VU040713.D
Acq: 15 Oct 2020 12:26

Tgt Ion: 95 Resp: 2340
Ion Ratio Lower Upper
95 100
97 0.0 45.5 84.5#
132 0.0 67.5 125.4#
130 0.0 69.9 129.9#

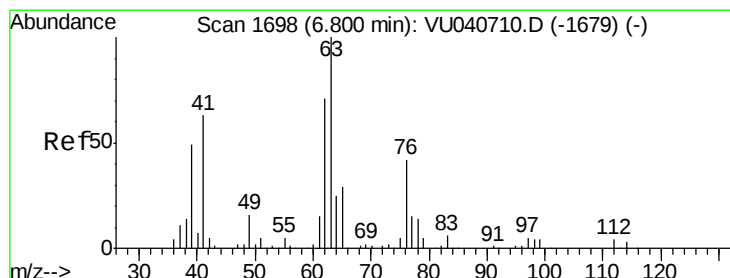
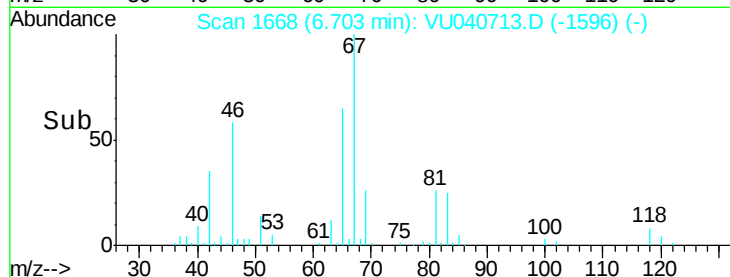
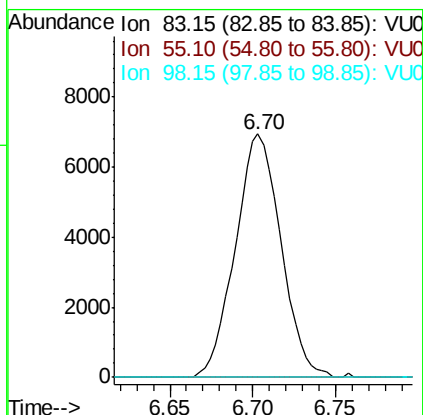
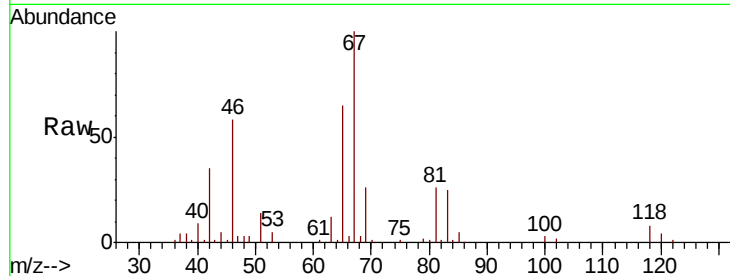




#35
Methvlcvclohexane
Concen: 0.846 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040713.D
Acq: 15 Oct 2020 12:26

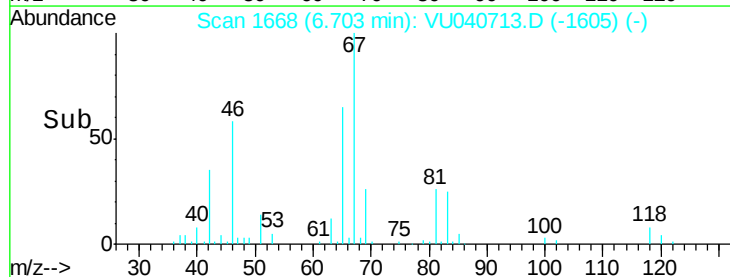
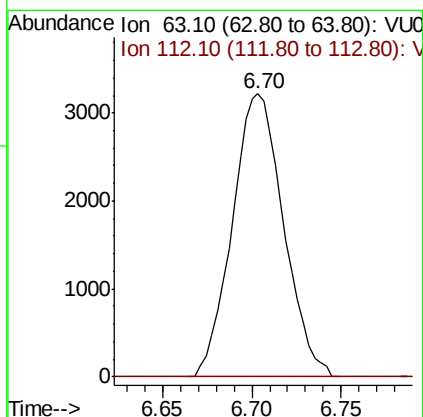
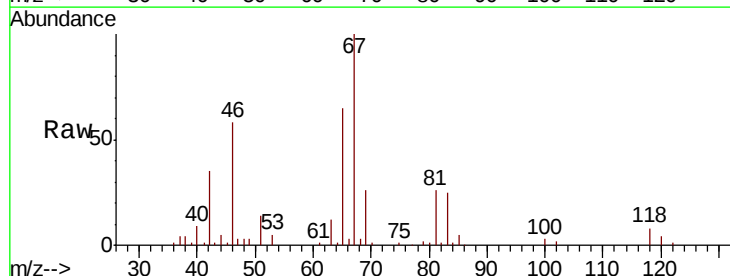
Instrument :
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ClientSampleId :
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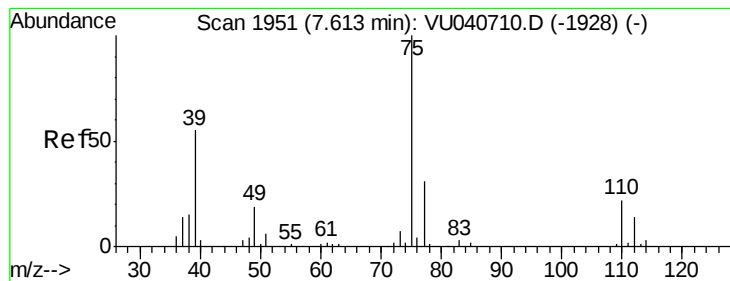
Tot Ion: 83 Resp: 13280
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 1.4 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.541 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040713.D
Acq: 15 Oct 2020 12:26

Tgt Ion: 63 Resp: 6430
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



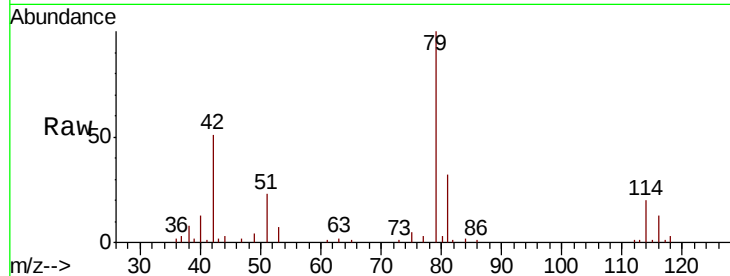


#39

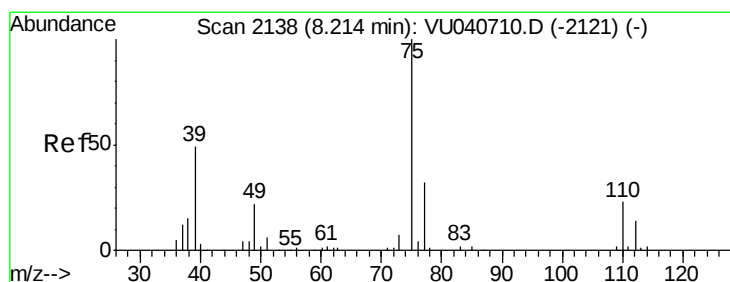
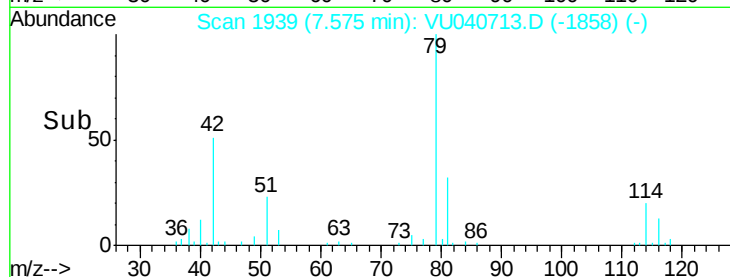
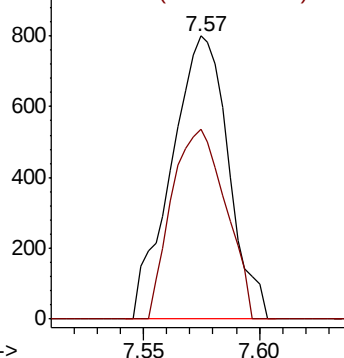
cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040713.D
Acq: 15 Oct 2020 12:26

Instrument :
MSVOA_U
ClientSampleId :
BG191

Tot Ion: 75 Resp: 1366
Ion Ratio Lower Upper
75 100
77 67.2 20.5 38.1#



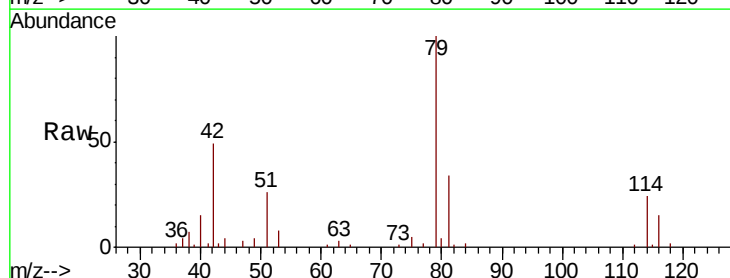
Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0



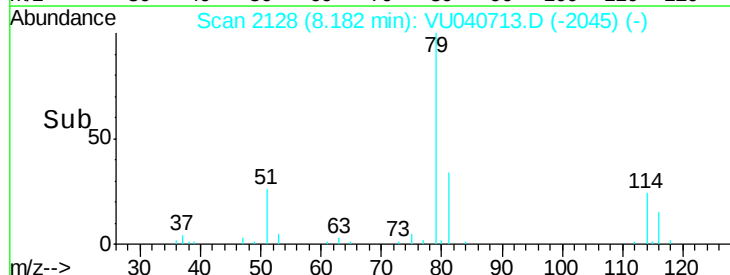
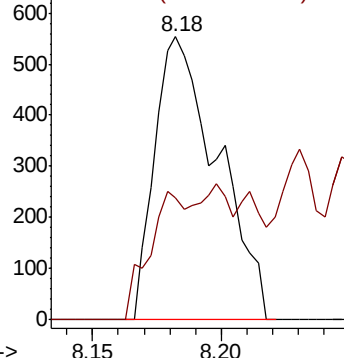
#44

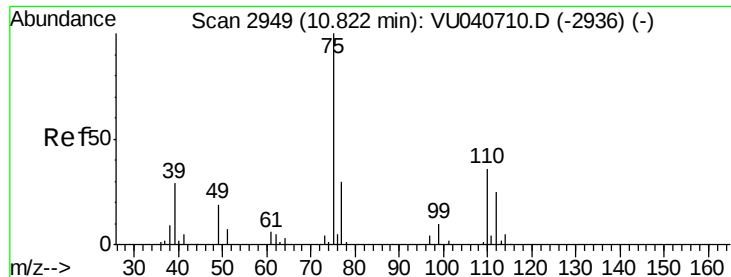
trans-1,3-Dichloropropene
Concen: 0.063 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040713.D
Acq: 15 Oct 2020 12:26

Tgt Ion: 75 Resp: 940
Ion Ratio Lower Upper
75 100
77 43.0 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: 0.892 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040713.D

Acq: 15 Oct 2020 12:26

Instrument :

MSVOA_U

ClientSampleId :

BG191

Tot Ion: 75 Resp: 7792

Ion Ratio Lower Upper

75 100

77 42.4 26.4 39.6#

