

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101520\
 Data File : VU040712.D
 Acq On : 15 Oct 2020 12:03
 Operator : SY/MD
 Sample : L4401-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG190

Quant Time: Oct 16 04:31:19 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	155555	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	157852	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	68844	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	40142	3.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.20%
7) Chloroethane-d5	1.92	69	36236	3.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.00%
11) 1,1-Dichloroethene-d2	2.58	63	64633	2.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.40%#
20) 2-Butanone-d5	4.66	46	154802	37.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.06%
24) Chloroform-d	5.08	84	82062	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.60%
26) 1,2-Dichloroethane-d4	5.72	65	50313	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.00%
32) Benzene-d6	5.74	84	150973	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.00%
36) 1,2-Dichloropropane-d6	6.70	67	53862	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.20%
41) Toluene-d8	7.91	98	121991	3.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.00%#
43) trans-1,3-Dichloropropene-	8.19	79	19761	3.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.00%
46) 2-Hexanone-d5	8.64	63	105640	34.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45387	3.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	50421	3.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.00%#

Target Compounds

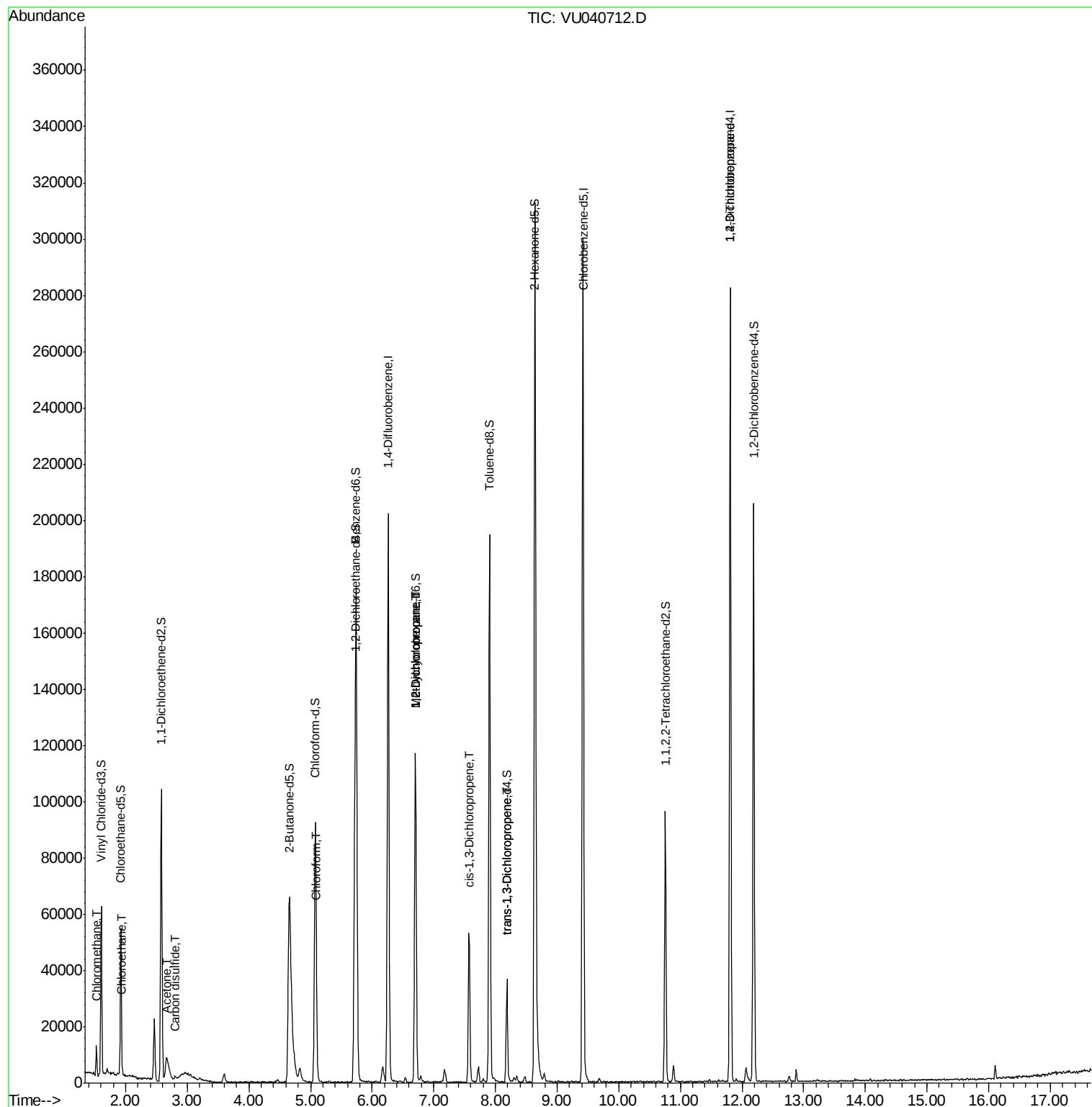
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	7597	0.576	ug/L	100
8) Chloroethane	1.95	64	553	0.063	ug/L #	68
13) Acetone	2.66	43	20720	6.481	ug/L	86
14) Carbon disulfide	2.80	76	1672	0.054	ug/L #	76
25) Chloroform	5.11	83	1441	0.059	ug/L	96
35) Methylcyclohexane	6.70	83	12696	0.681	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6282	0.445	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1439	0.075	ug/L #	65
44) trans-1,3-Dichloropropene	8.19	75	991	0.056	ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	9432	0.909	ug/L	95

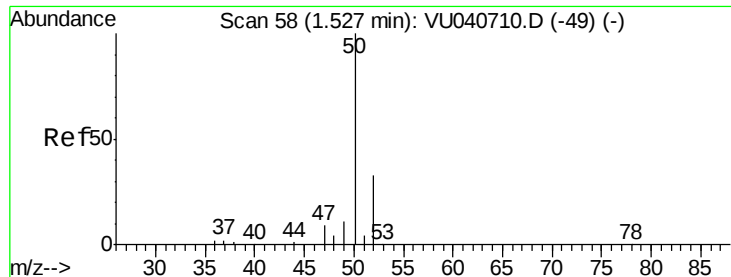
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.576 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040712.D

Acq: 15 Oct 2020 12:03

Instrument :

MSVOA_U

ClientSampleId :

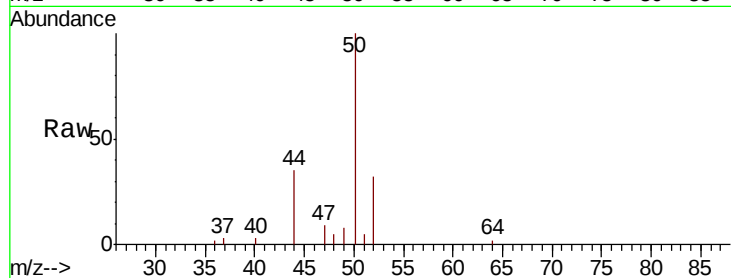
BG190

Tot Ion: 50 Resp: 7597

Ion Ratio Lower Upper

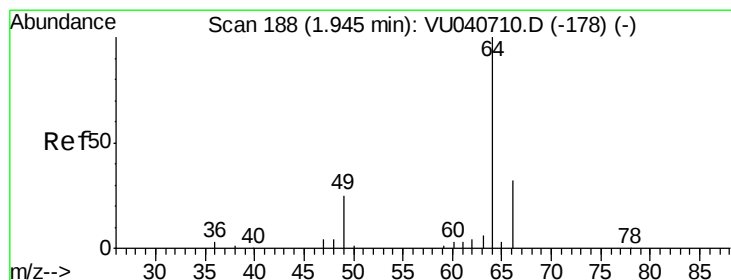
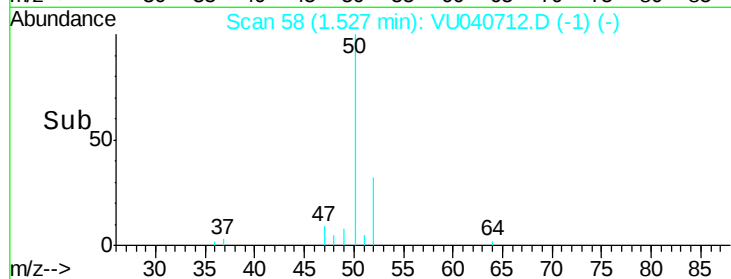
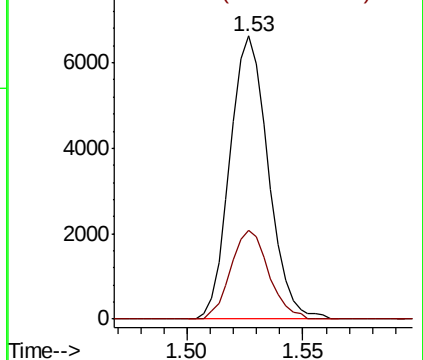
50 100

52 31.6 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.063 ug/L

RT: 1.95 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU040712.D

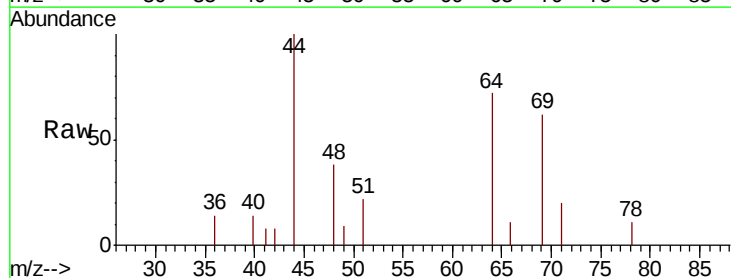
Acq: 15 Oct 2020 12:03

Tgt Ion: 64 Resp: 553

Ion Ratio Lower Upper

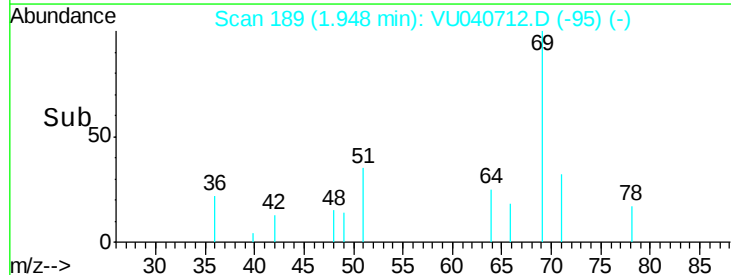
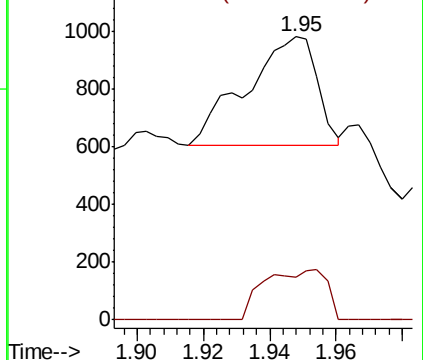
64 100

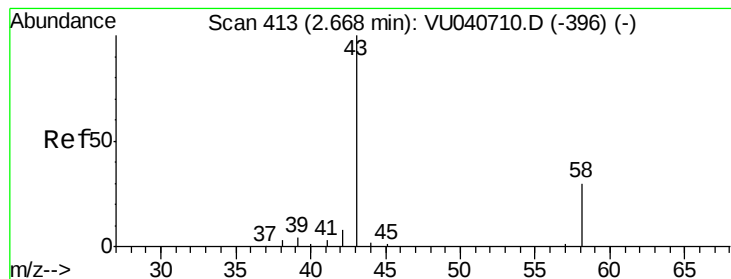
66 15.1 23.3 43.3#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#13

Acetone

Concen: 6.481 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU040712.D

Acq: 15 Oct 2020 12:03

Instrument :

MSVOA_U

ClientSampled :

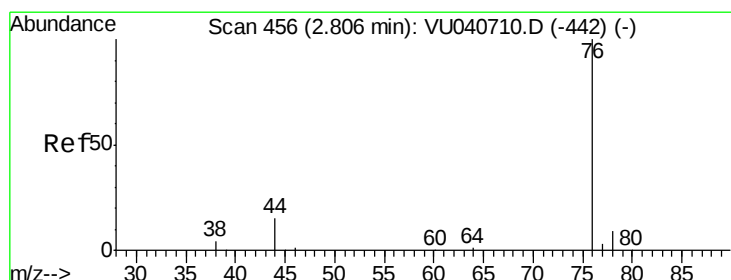
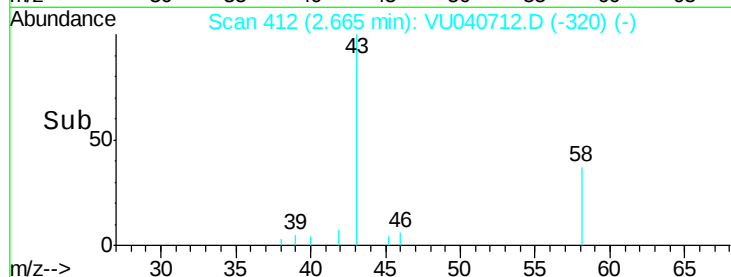
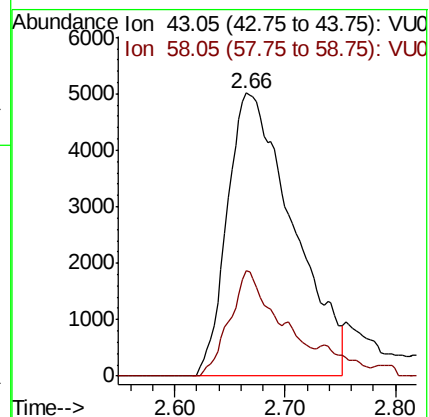
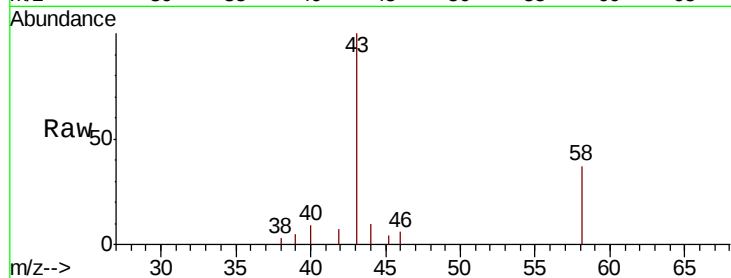
BG190

Tot Ion: 43 Resp: 20720

Ion Ratio Lower Upper

43 100

58 22.5 0.0 60.6



#14

Carbon disulfide

Concen: 0.054 ug/L

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU040712.D

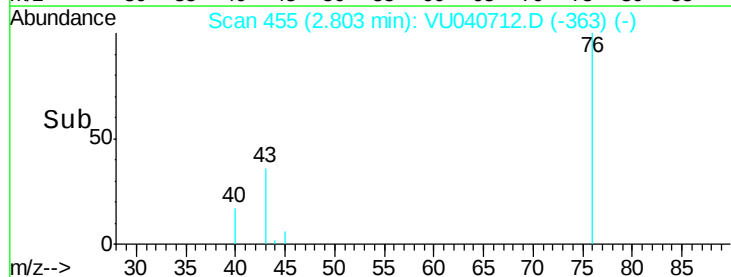
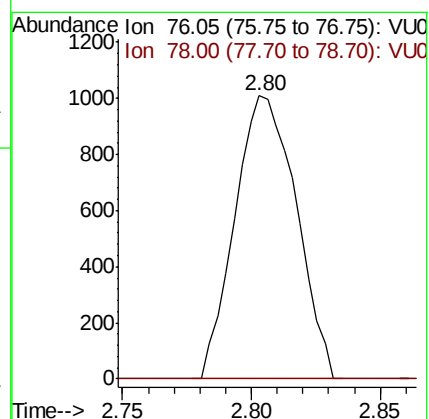
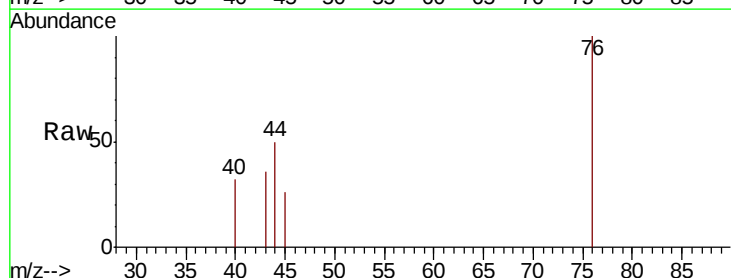
Acq: 15 Oct 2020 12:03

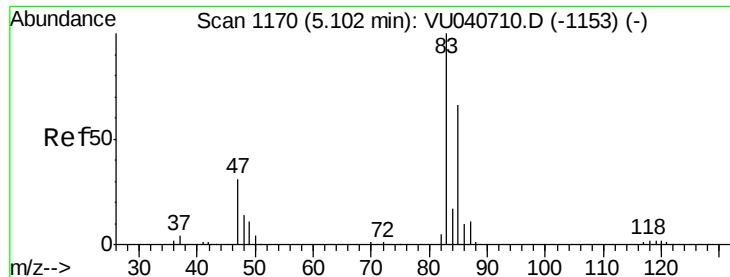
Tgt Ion: 76 Resp: 1672

Ion Ratio Lower Upper

76 100

78 0.0 6.8 10.2#

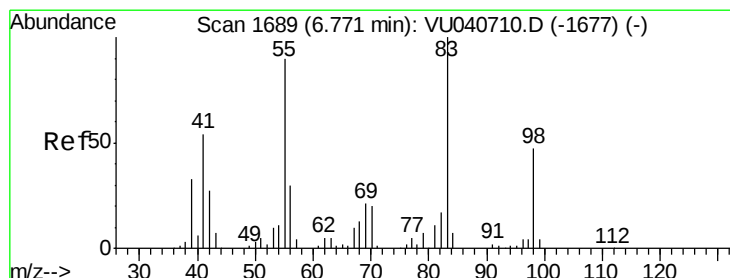
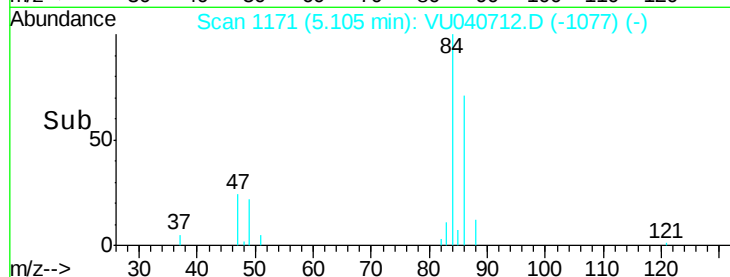
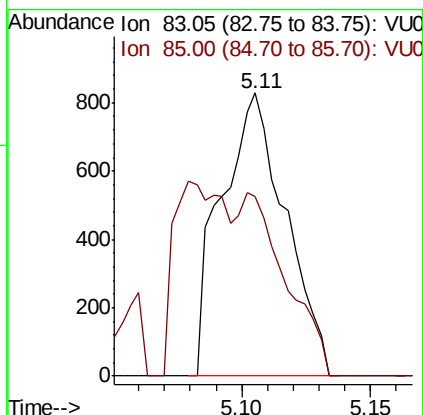
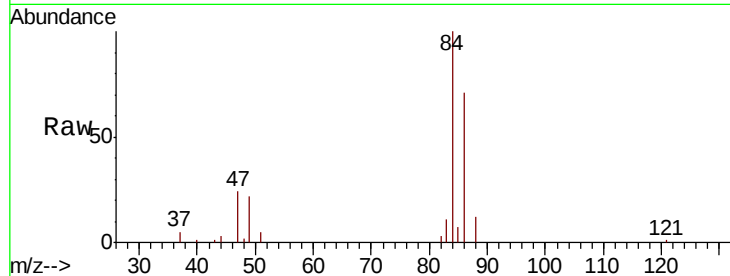




#25
Chloroform
Concen: 0.059 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040712.D
Acq: 15 Oct 2020 12:03

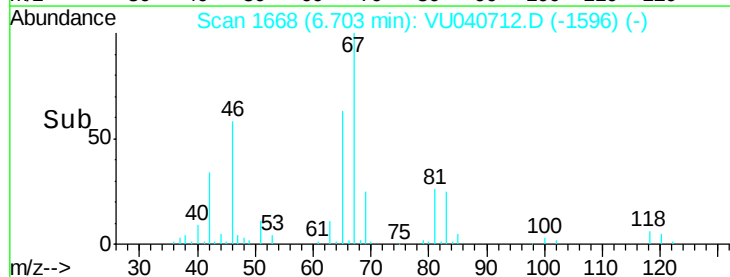
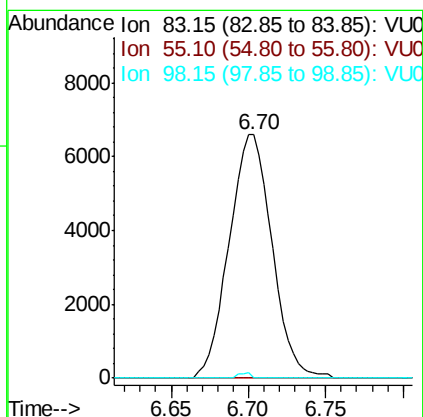
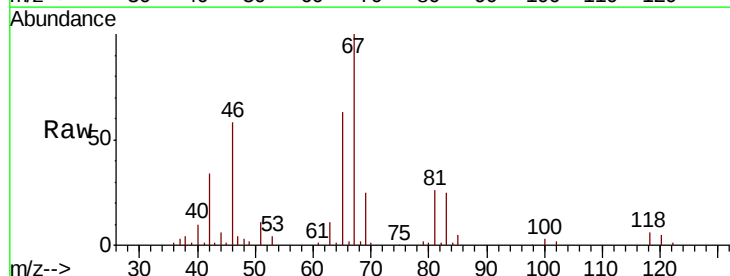
Instrument :
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ClientSampleId :
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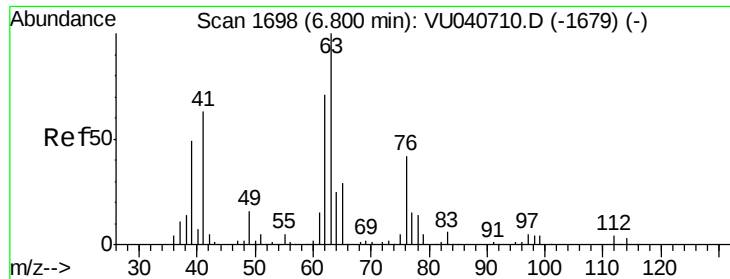
Tot Ion: 83 Resp: 1441
Ion Ratio Lower Upper
83 100
85 63.5 46.5 86.5



#35
Methylcyclohexane
Concen: 0.681 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040712.D
Acq: 15 Oct 2020 12:03

Tgt Ion: 83 Resp: 12696
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.6 38.4 57.6#

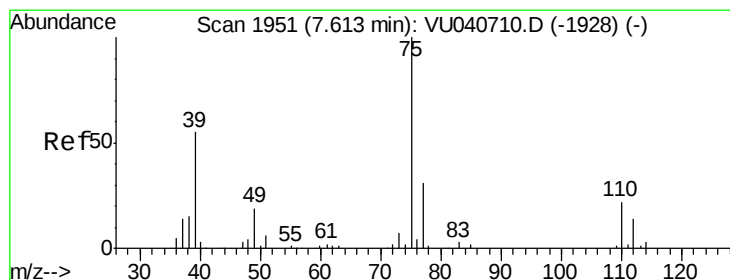
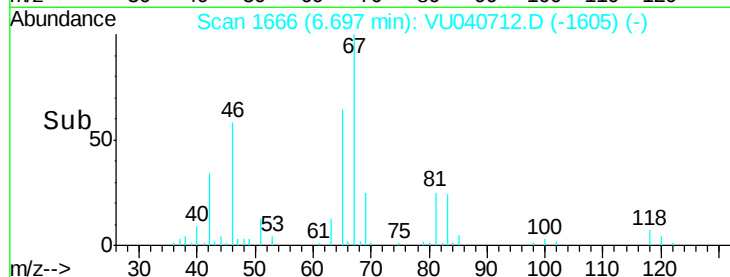
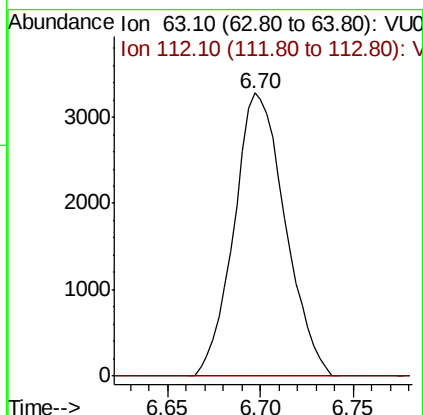
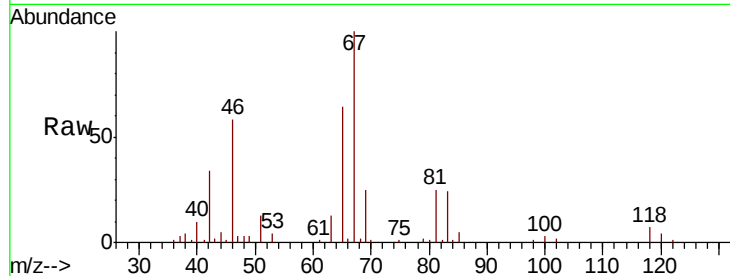




#37
 1,2-Dichloropropane
 Concen: 0.445 ug/L
 RT: 6.70 min Scan# 1666
 Delta R.T. -0.10 min
 Lab File: VU040712.D
 Acq: 15 Oct 2020 12:03

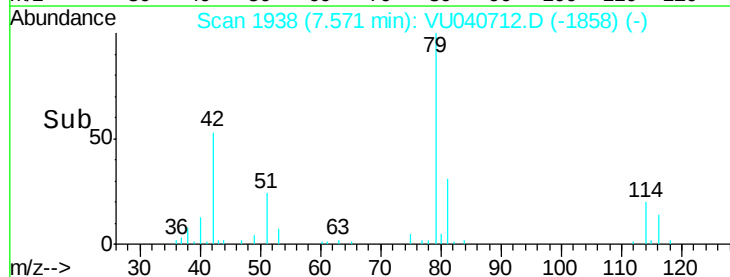
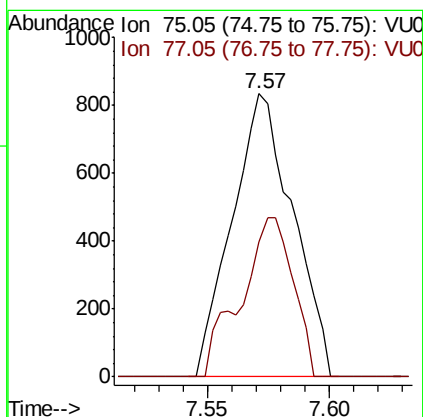
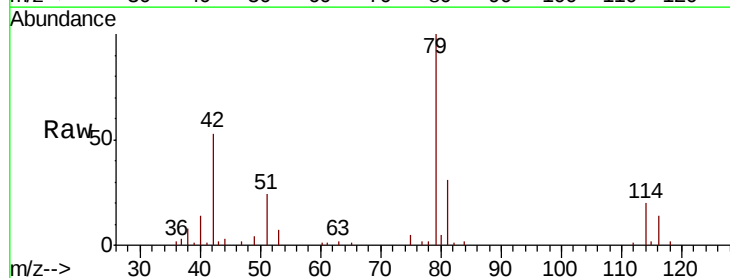
Instrument :
 MSVOA_U
 ClientSampleId :
 BG190

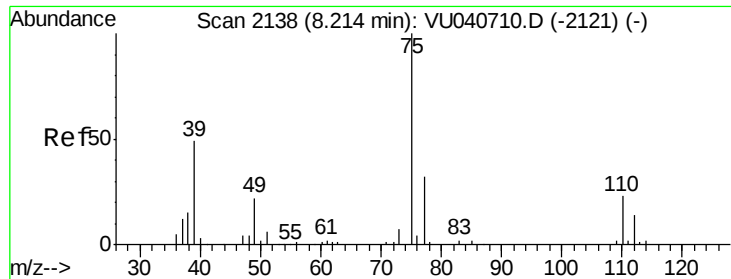
Tot Ion: 63 Resp: 6282
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040712.D
 Acq: 15 Oct 2020 12:03

Tgt Ion: 75 Resp: 1439
 Ion Ratio Lower Upper
 75 100
 77 47.8 20.5 38.1#





#44

trans-1,3-Dichloropropene

Concen: 0.056 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040712.D

Acq: 15 Oct 2020 12:03

Instrument :

MSVOA_U

ClientSampleId :

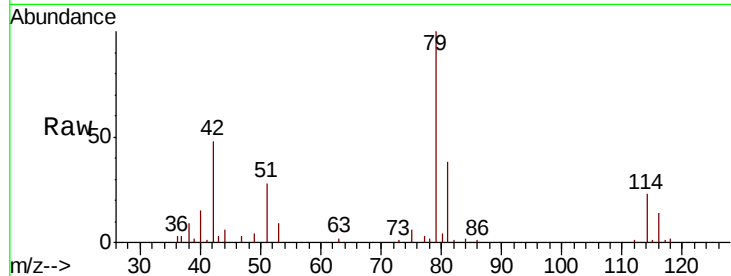
BG190

Tot Ion: 75 Resp: 991

Ion Ratio Lower Upper

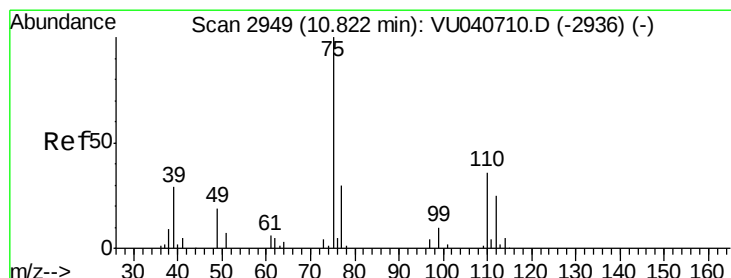
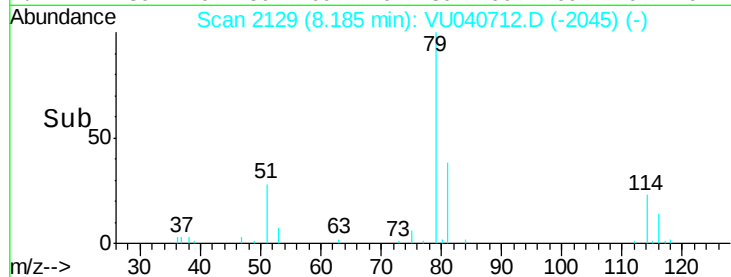
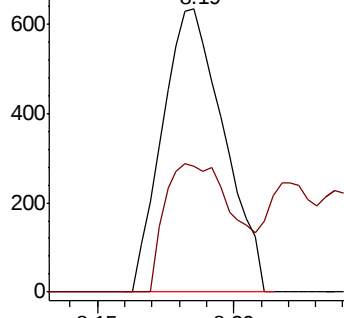
75 100

77 44.4 20.4 38.0#



Abundance Ion 75.05 (74.75 to 75.75): VU040710.D (-2121) (-)

Ion 77.05 (76.75 to 77.75): VU040710.D (-2121) (-)



#59

1,2,3-Trichloropropane

Concen: 0.909 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040712.D

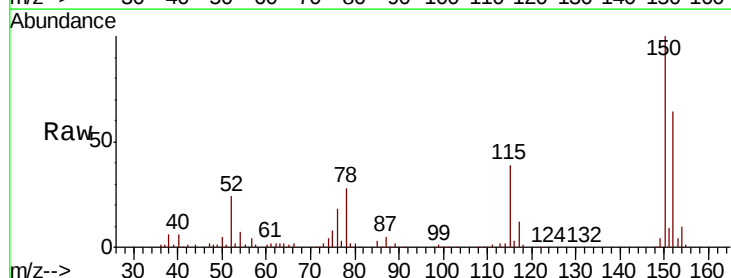
Acq: 15 Oct 2020 12:03

Tgt Ion: 75 Resp: 9432

Ion Ratio Lower Upper

75 100

77 35.8 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU040710.D (-2936) (-)

Ion 77.00 (76.70 to 77.70): VU040710.D (-2936) (-)

