

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040314.D
 Acq On : 25 Sep 2020 20:57
 Operator : SY/MD
 Sample : L4139-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4A0

Quant Time: Sep 26 06:52:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 06:44:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119914	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125119	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53674	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30591	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.92	69	29755	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.58	63	50710	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	4.66	46	152912	58.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.78%
24) Chloroform-d	5.08	84	71710	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.72	65	44876	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.74	84	132432	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.70	67	45513	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.91	98	105223	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	8.19	79	16364	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
46) 2-Hexanone-d5	8.64	63	105791	50.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.98%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	39675	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	42867	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

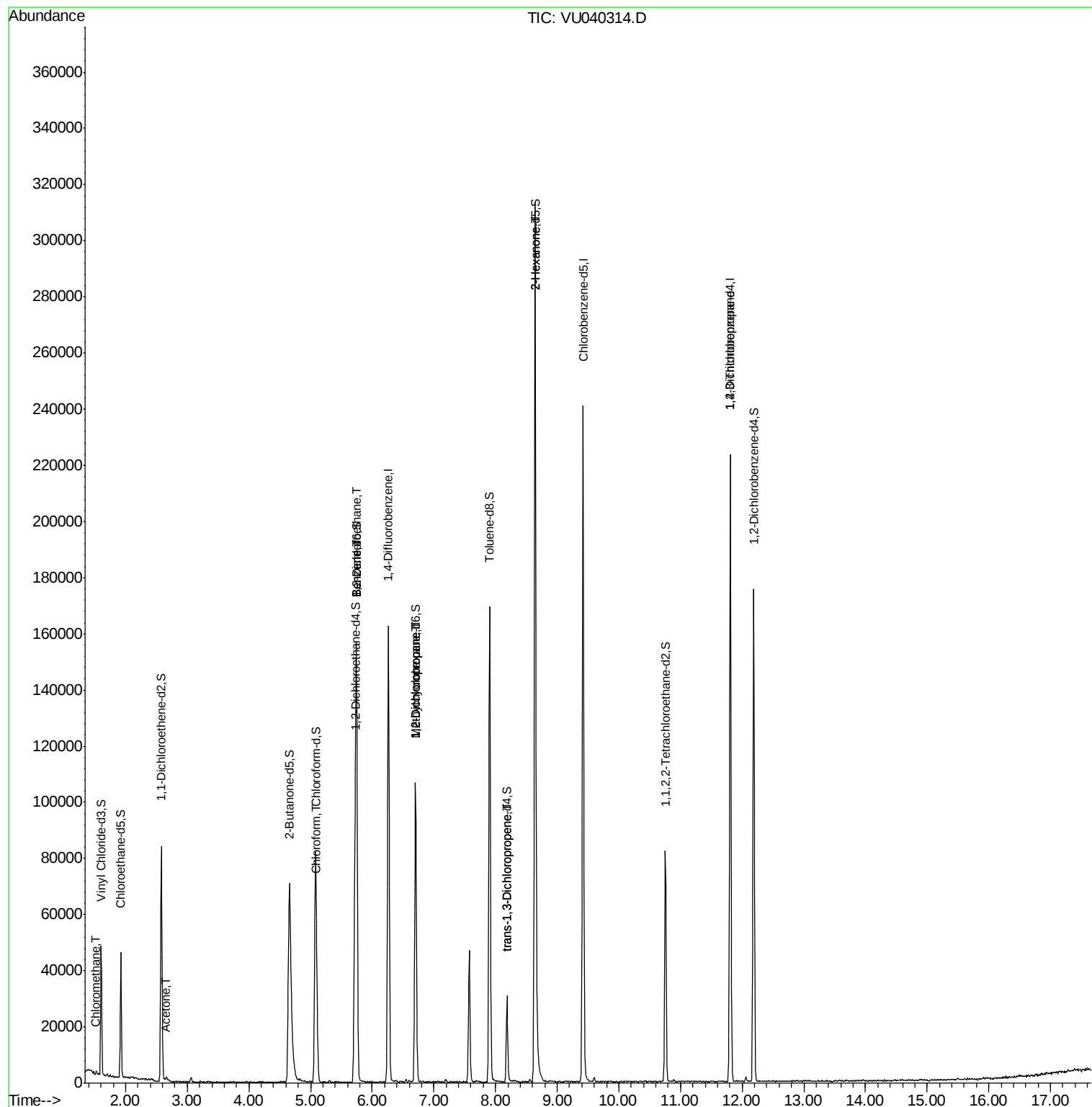
					Ovalue
3) Chloromethane	1.52	50	825	0.072 ug/L #	69
13) Acetone	2.67	43	1843	0.760 ug/L	97
25) Chloroform	5.11	83	8214	0.390 ug/L	99
27) 1,2-Dichloroethane	5.74	62	679	0.044 ug/L #	78
33) Benzene	5.74	78	1117	0.025 ug/L	100
35) Methylcyclohexane	6.70	83	10638	0.579 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5200	0.429 ug/L #	88
44) trans-1,3-Dichloropropene	8.18	75	859	0.052 ug/L #	77
48) 2-Hexanone	8.64	43	14577	2.010 ug/L #	77
59) 1,2,3-Trichloropropane	11.81	75	8194	0.913 ug/L	91

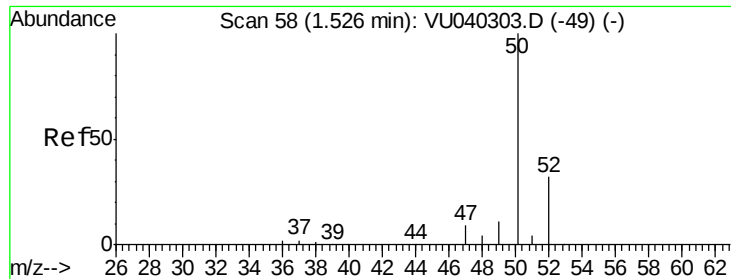
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.072 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040314.D

Acq: 25 Sep 2020 20:57

Instrument :

MSVOA_U

ClientSampleId :

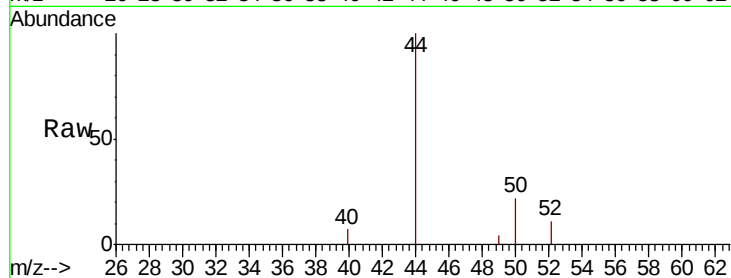
BG4A0

Tot Ion: 50 Resp: 825

Ion Ratio Lower Upper

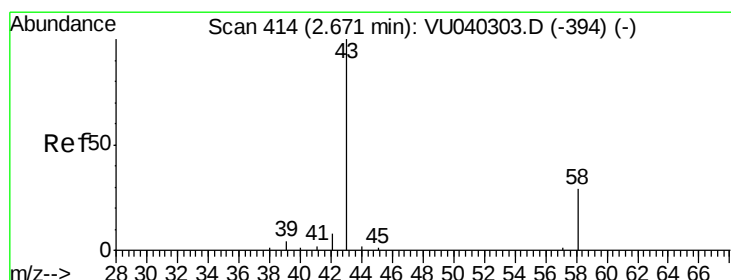
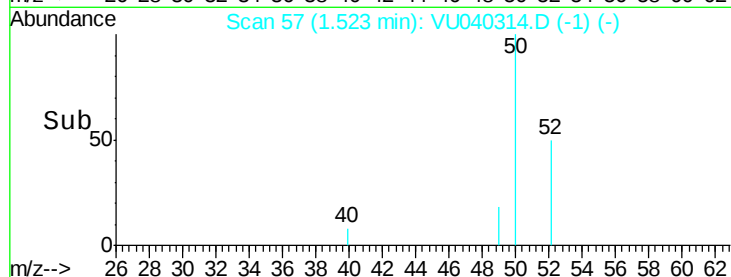
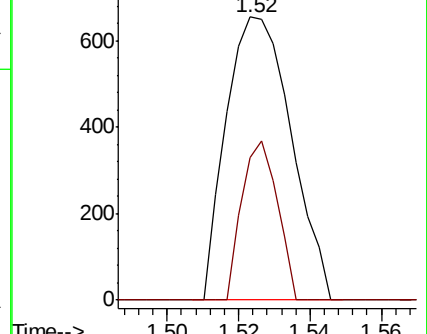
50 100

52 50.2 22.8 42.4#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 0.760 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU040314.D

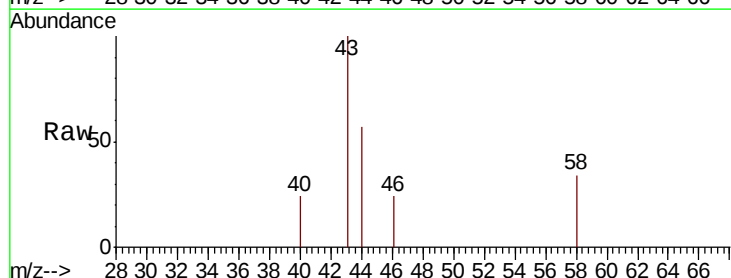
Acq: 25 Sep 2020 20:57

Tgt Ion: 43 Resp: 1843

Ion Ratio Lower Upper

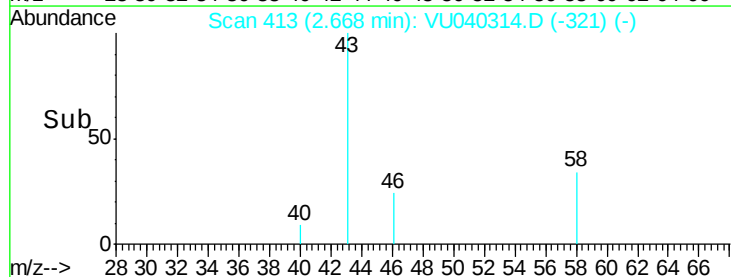
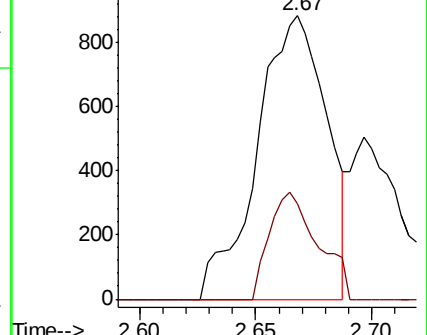
43 100

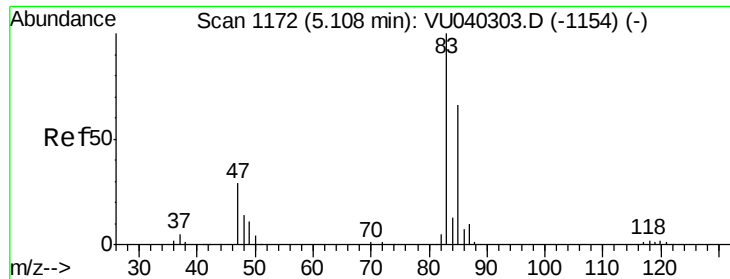
58 26.2 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

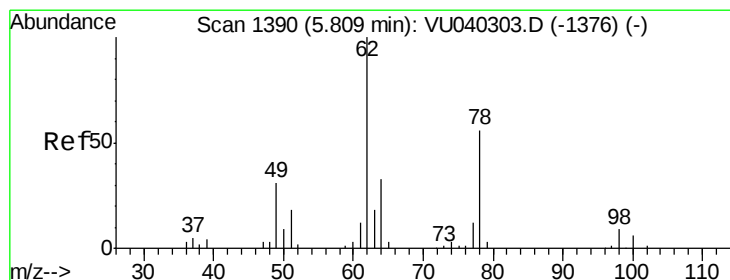
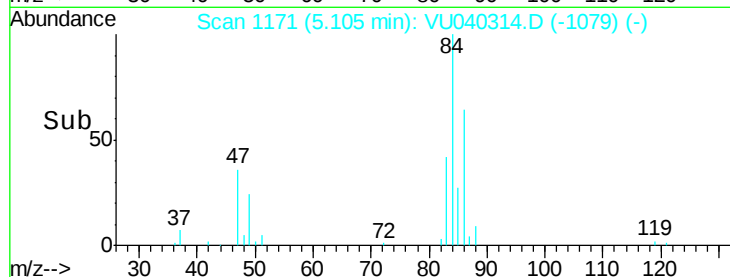
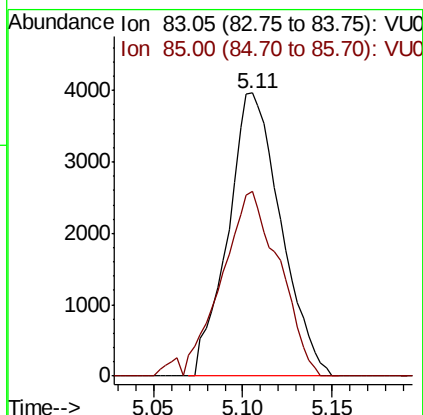
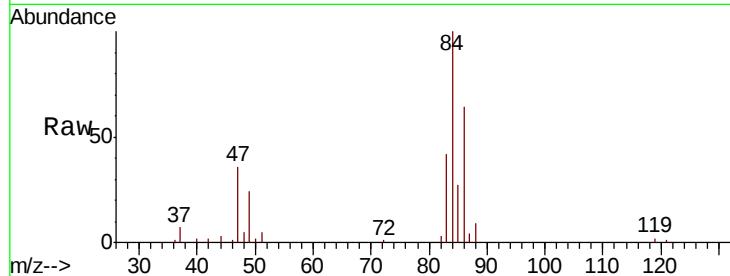




#25
Chloroform
Concen: 0.390 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040314.D
Acq: 25 Sep 2020 20:57

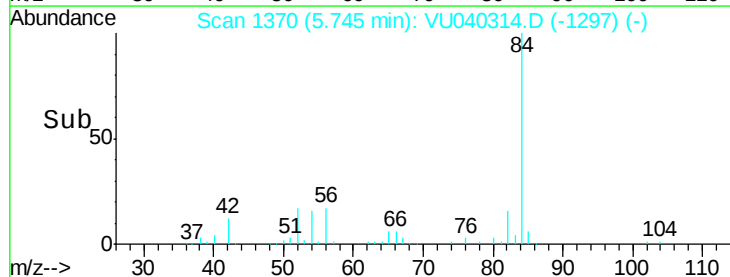
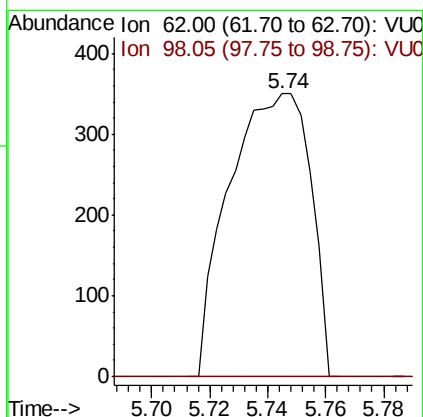
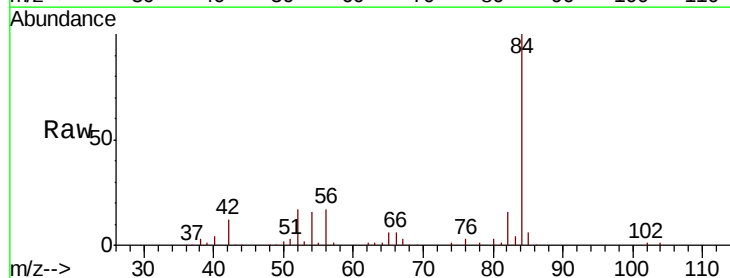
Instrument :
MSVOA_U
ClientSampleId :
BG4A0

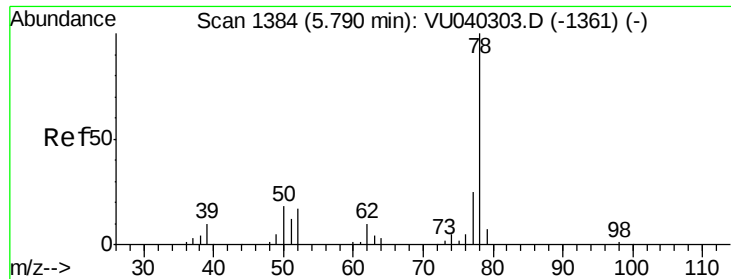
Tot Ion: 83 Resp: 8214
Ion Ratio Lower Upper
83 100
85 65.3 45.3 84.1



#27
1,2-Dichloroethane
Concen: 0.044 ug/L
RT: 5.74 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU040314.D
Acq: 25 Sep 2020 20:57

Tgt Ion: 62 Resp: 679
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#





#33

Benzene

Concen: 0.025 ug/L

RT: 5.74 min Scan# 1370

Delta R.T. -0.05 min

Lab File: VU040314.D

Acq: 25 Sep 2020 20:57

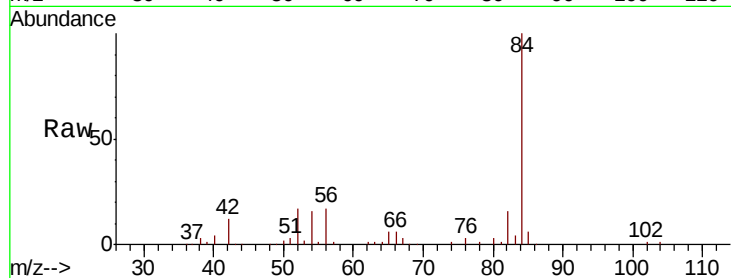
Instrument :

MSVOA_U

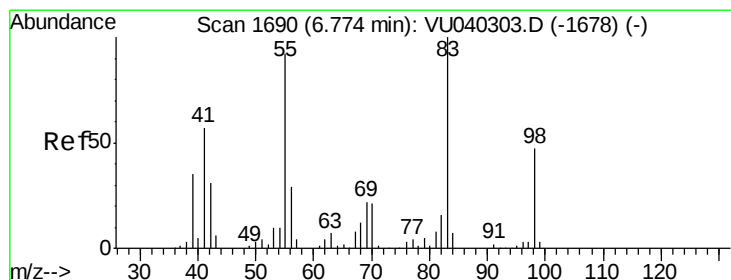
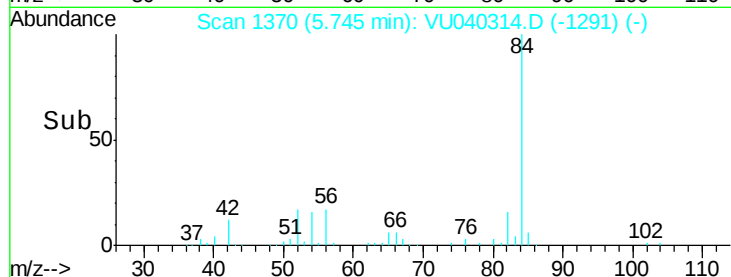
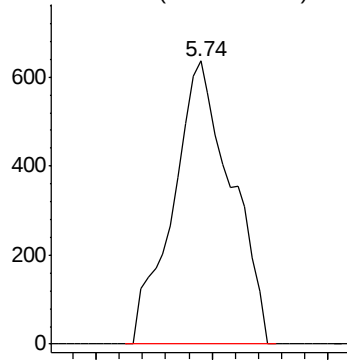
ClientSampleId :

BG4A0

Tgt Ion: 78 Resp: 1117



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.579 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040314.D

Acq: 25 Sep 2020 20:57

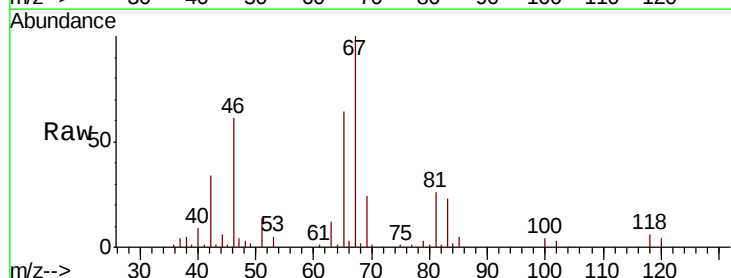
Tgt Ion: 83 Resp: 10638

Ion Ratio Lower Upper

83 100

55 0.0 70.5 105.7#

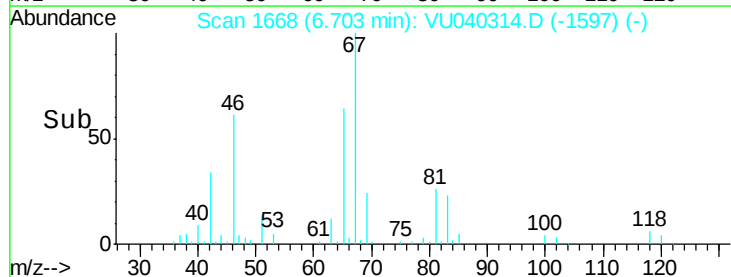
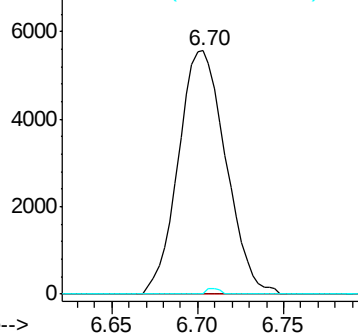
98 0.6 37.8 56.6#

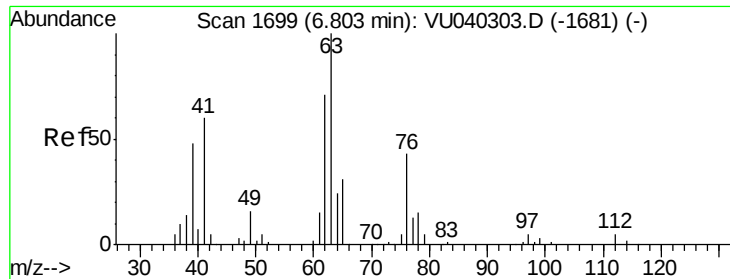


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

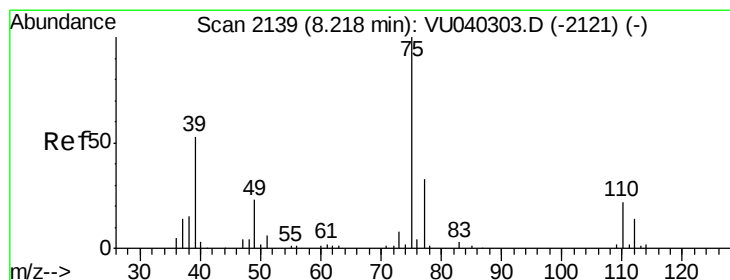
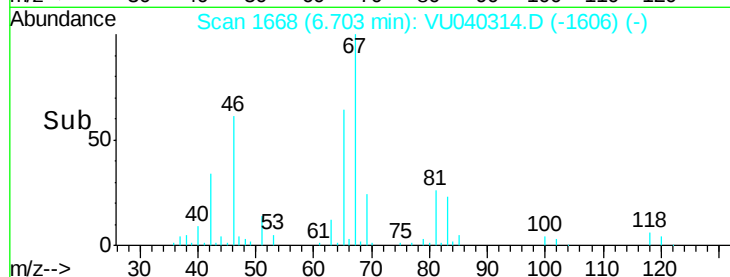
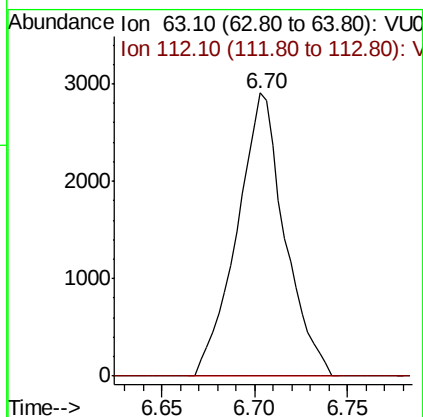
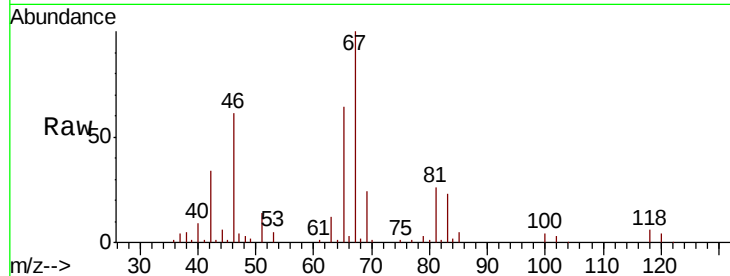




#37
 1,2-Dichloropropane
 Concen: 0.429 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040314.D
 Acq: 25 Sep 2020 20:57

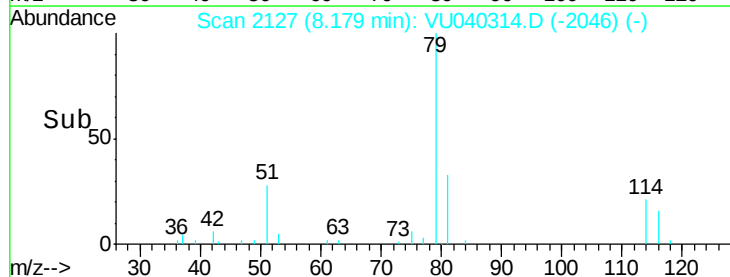
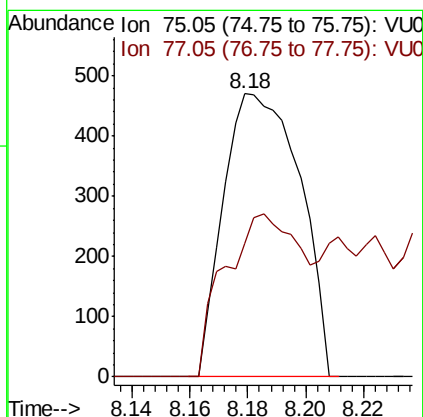
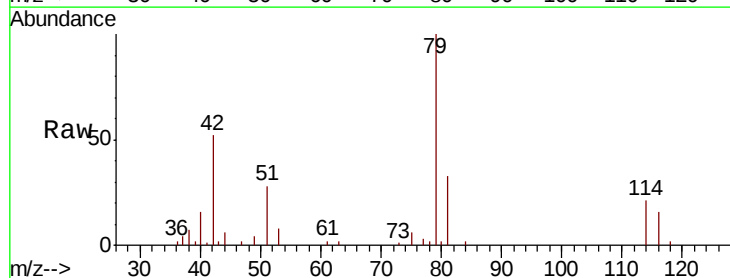
Instrument :
 MSVOA_U
 ClientSampleId :
 BG4A0

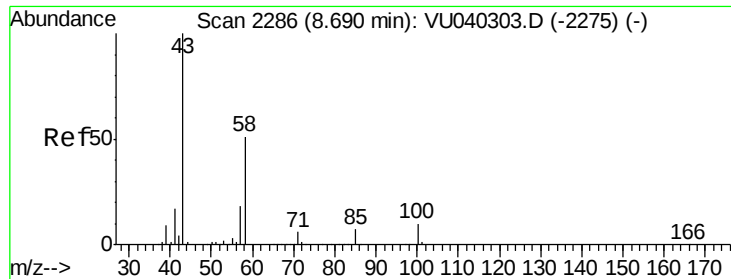
Tot Ion: 63 Resp: 5200
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.052 ug/L
 RT: 8.18 min Scan# 2127
 Delta R.T. -0.04 min
 Lab File: VU040314.D
 Acq: 25 Sep 2020 20:57

Tgt Ion: 75 Resp: 859
 Ion Ratio Lower Upper
 75 100
 77 47.2 23.9 44.3#

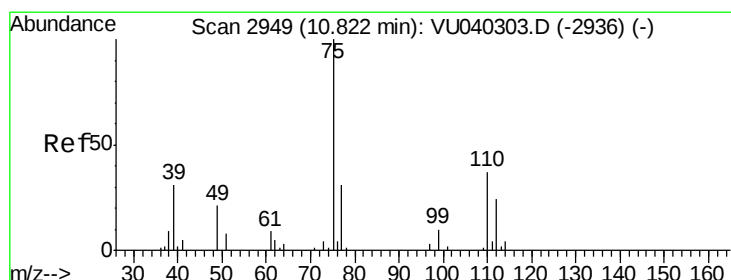
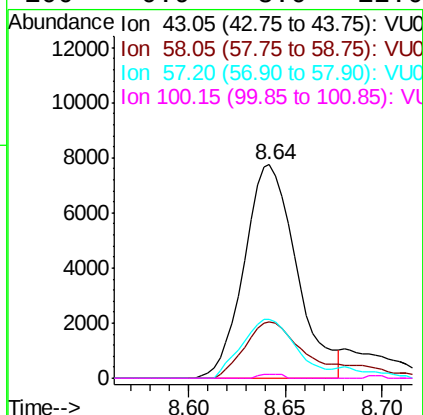
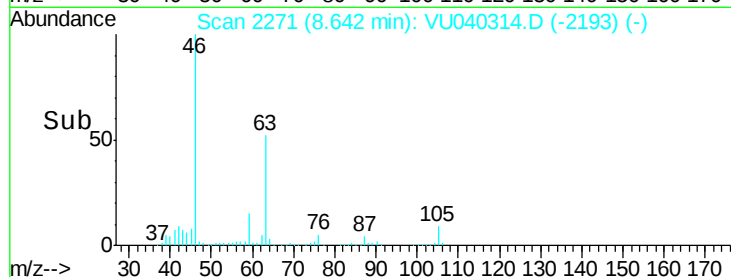
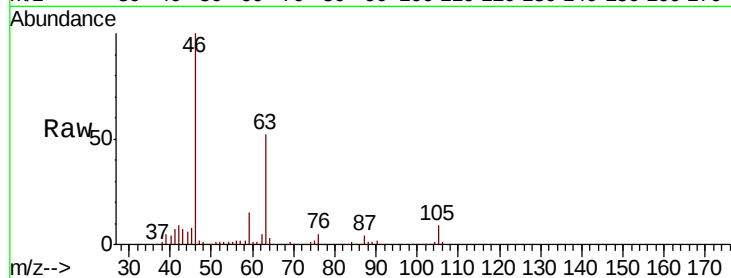




#48
2-Hexanone
Concen: 2.010 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040314.D
Acq: 25 Sep 2020 20:57

Instrument :
MSVOA_U
ClientSampleId :
BG4A0

Tot Ion: 43 Resp: 14577
Ion Ratio Lower Upper
43 100
58 34.0 39.6 59.4#
57 28.5 14.3 21.5#
100 0.9 8.0 12.0#



#59
1,2,3-Trichloropropane
Concen: 0.913 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040314.D
Acq: 25 Sep 2020 20:57

Tgt Ion: 75 Resp: 8194
Ion Ratio Lower Upper
75 100
77 36.2 24.9 37.3

