

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092820\
 Data File : VU040329.D
 Acq On : 28 Sep 2020 14:03
 Operator : SY/MD
 Sample : L4139-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4A1

Quant Time: Sep 29 07:26:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 07:18:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	129047	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128573	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59703	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	34481	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.92	69	33402	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.80%
11) 1,1-Dichloroethene-d2	2.58	63	57090	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.65	46	186347	66.12	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.24%#
24) Chloroform-d	5.08	84	79771	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.72	65	52169	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.74	84	150772	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.70	67	52882	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.90	98	121173	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.19	79	20583	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.64	63	135941	63.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.28%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47477	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	50840	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

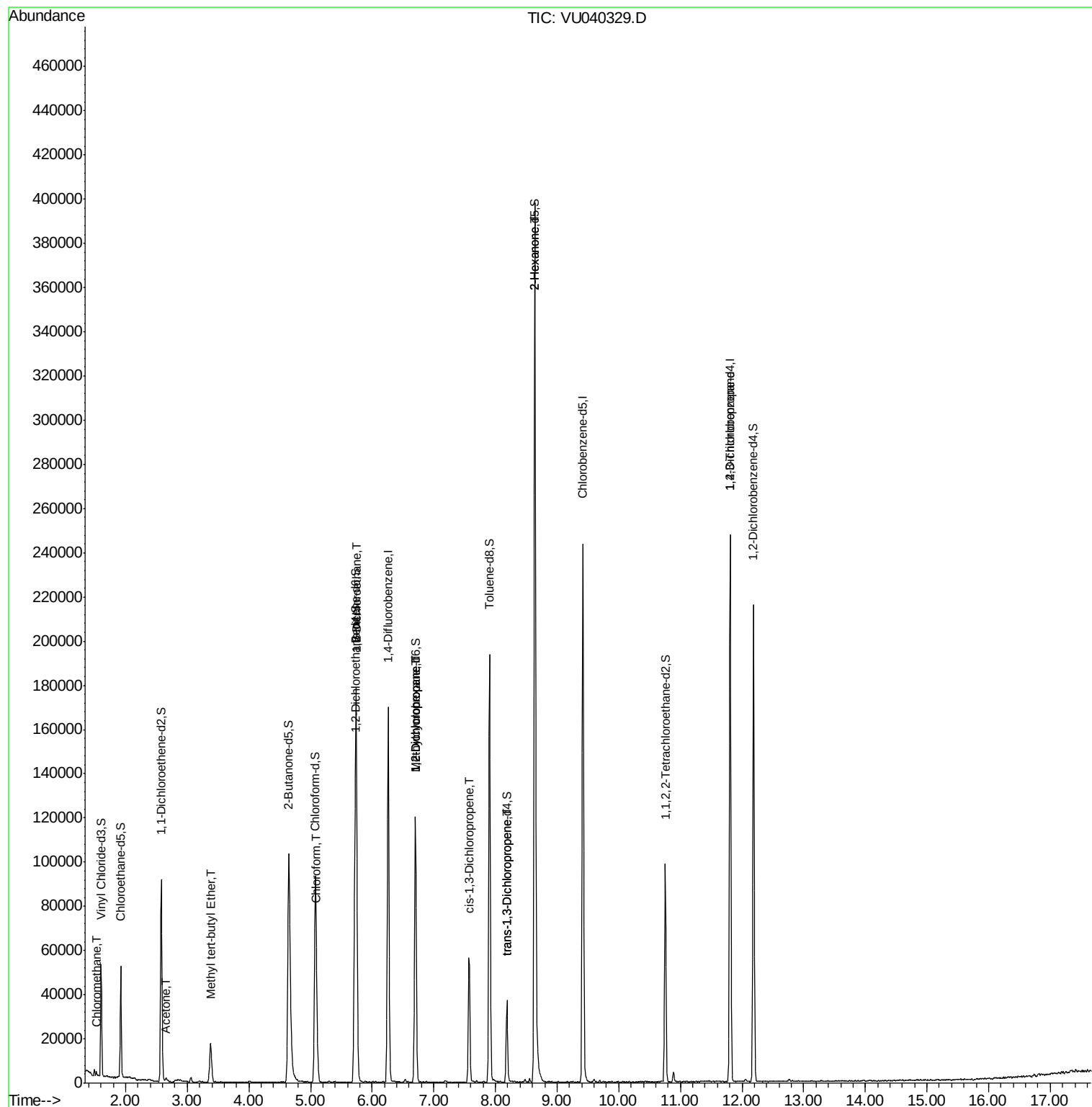
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	1301	0.106	ug/L #	79
13) Acetone	2.66	43	2717	1.041	ug/L	84
17) Methyl tert-butyl Ether	3.38	73	18037	0.599	ug/L	99
25) Chloroform	5.11	83	13744	0.607	ug/L	99
27) 1,2-Dichloroethane	5.75	62	861	0.052	ug/L #	78
35) Methylcyclohexane	6.70	83	12204	0.646	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6104	0.490	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1450	0.079	ug/L #	52
44) trans-1,3-Dichloropropene	8.18	75	1007	0.059	ug/L #	72
48) 2-Hexanone	8.64	43	20491	2.749	ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	8580	0.930	ug/L	92

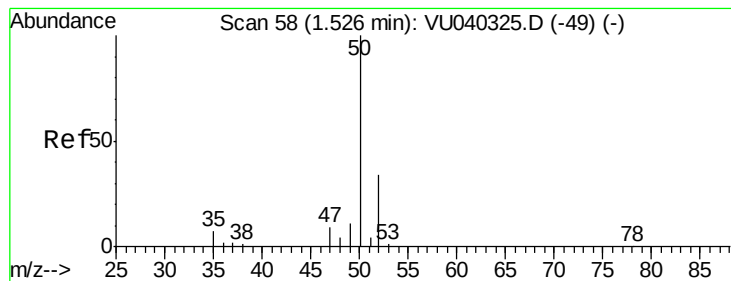
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.106 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040329.D

Acq: 28 Sep 2020 14:03

Instrument :

MSVOA_U

ClientSampleId :

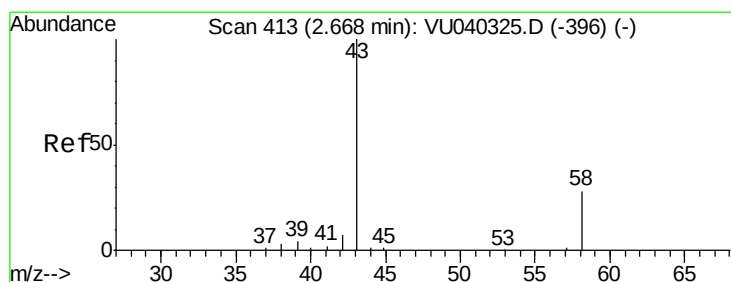
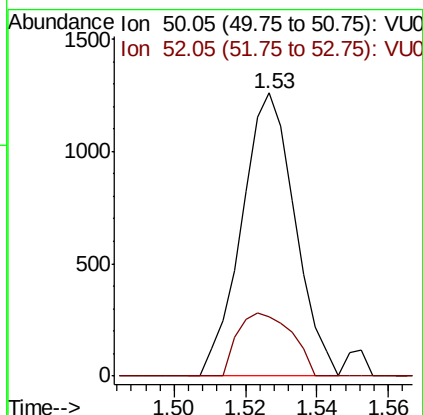
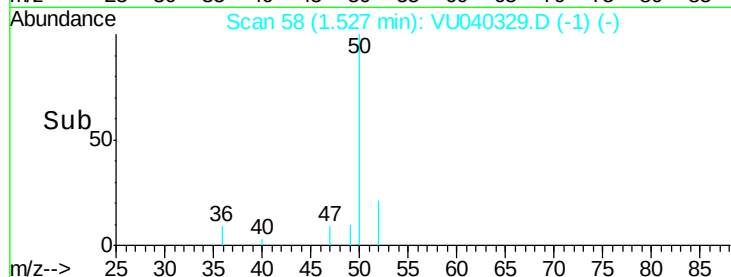
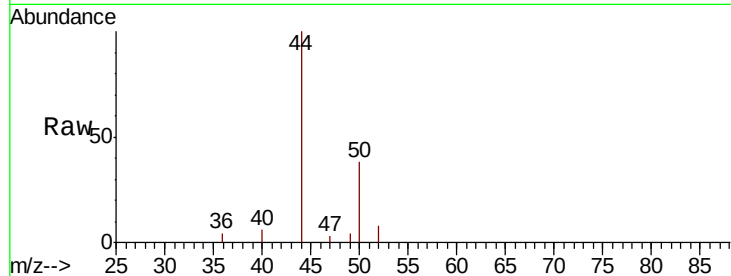
BG4A1

Tot Ion: 50 Resp: 1301

Ion Ratio Lower Upper

50 100

52 21.0 22.8 42.4#



#13

Acetone

Concen: 1.041 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU040329.D

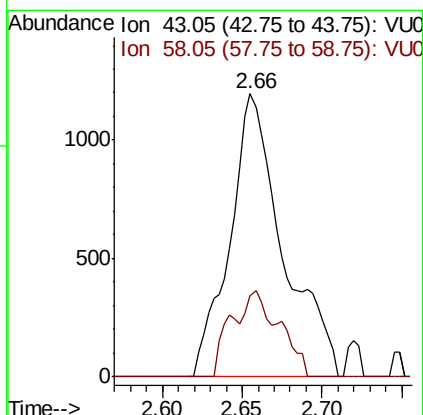
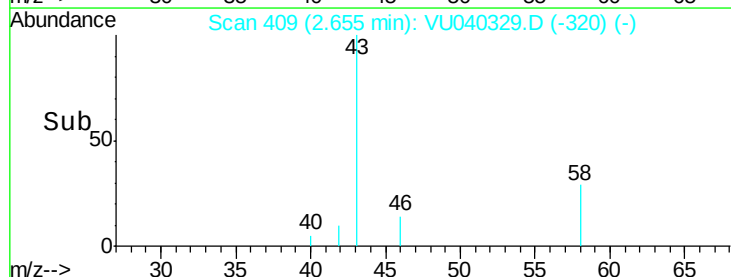
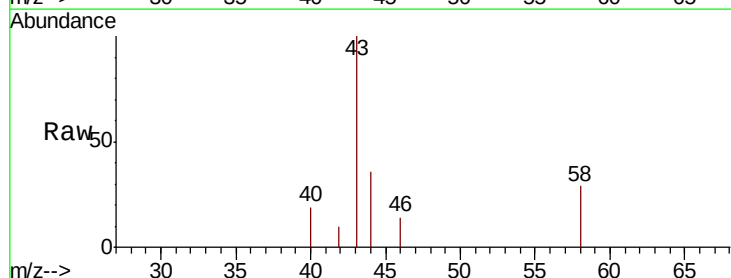
Acq: 28 Sep 2020 14:03

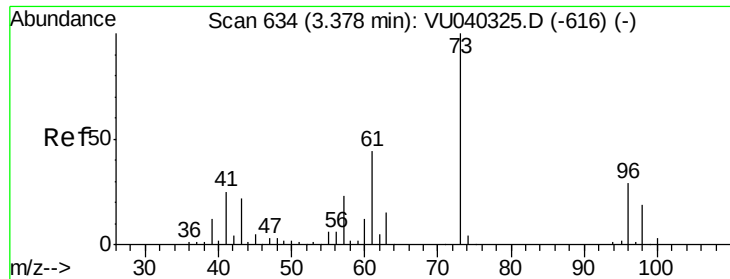
Tgt Ion: 43 Resp: 2717

Ion Ratio Lower Upper

43 100

58 19.4 0.0 55.4

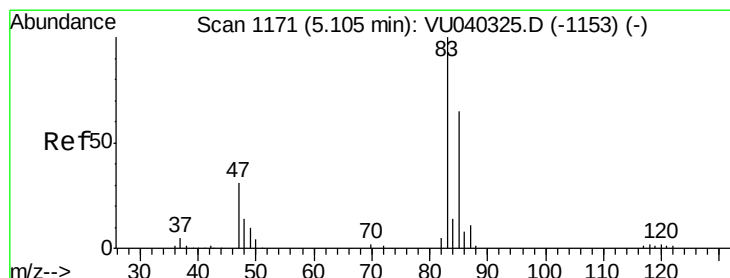
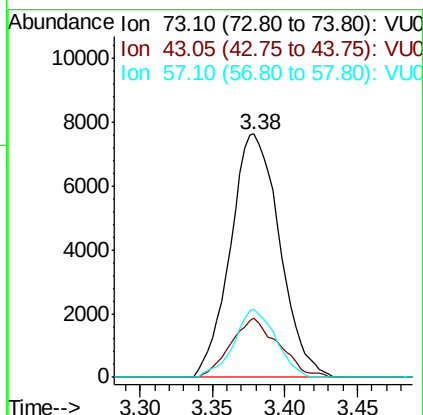
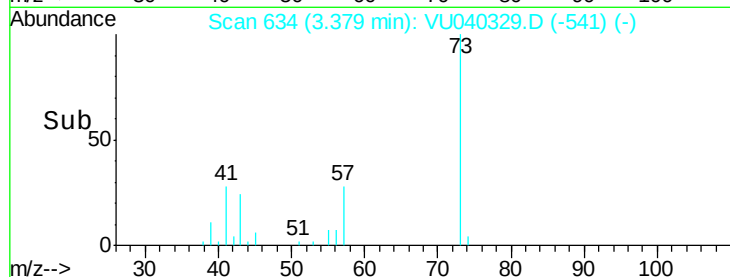
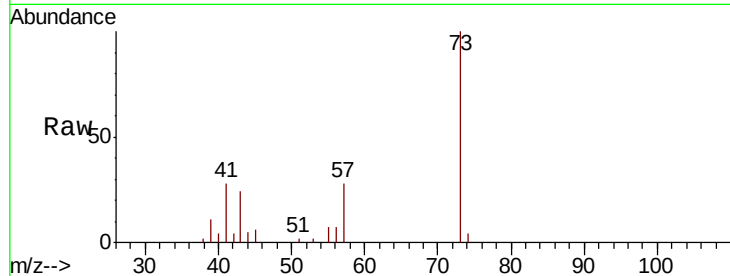




#17
Methyl tert-butyl Ether
Concen: 0.599 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.00 min
Lab File: VU040329.D
Acq: 28 Sep 2020 14:03

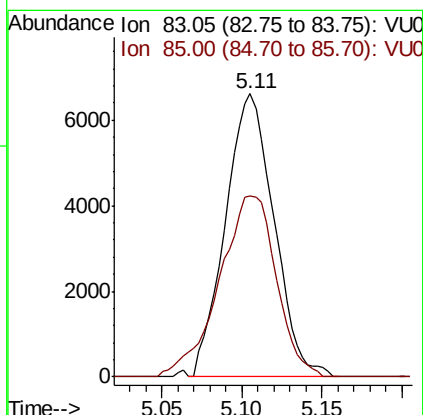
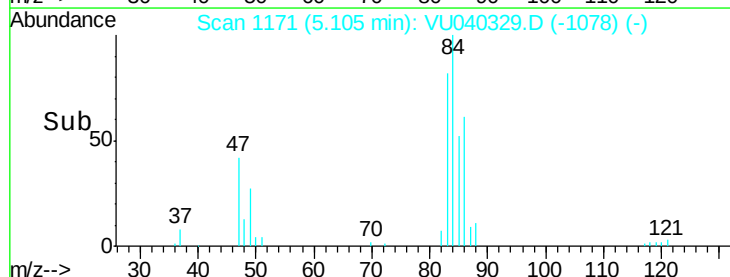
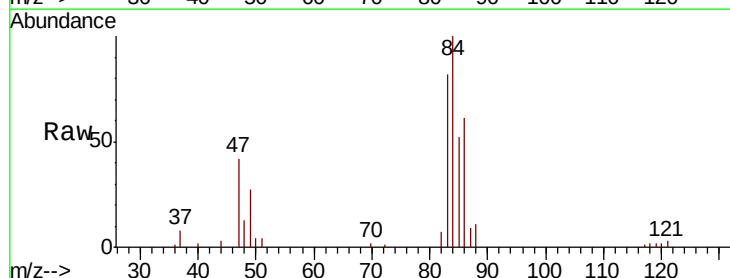
Instrument :
MSVOA_U
ClientSampleId :
BG4A1

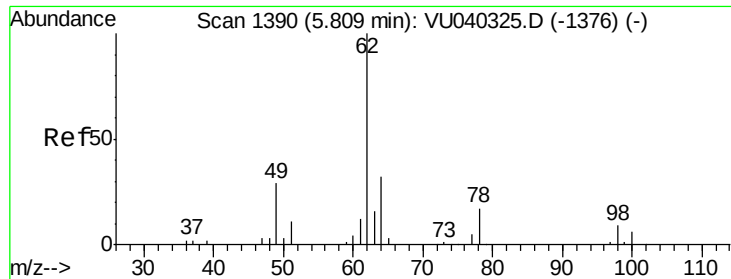
Tot Ion: 73 Resp: 18037
Ion Ratio Lower Upper
73 100
43 23.8 19.1 28.7
57 23.8 18.3 27.5



#25
Chloroform
Concen: 0.607 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040329.D
Acq: 28 Sep 2020 14:03

Tgt Ion: 83 Resp: 13744
Ion Ratio Lower Upper
83 100
85 64.2 45.3 84.1

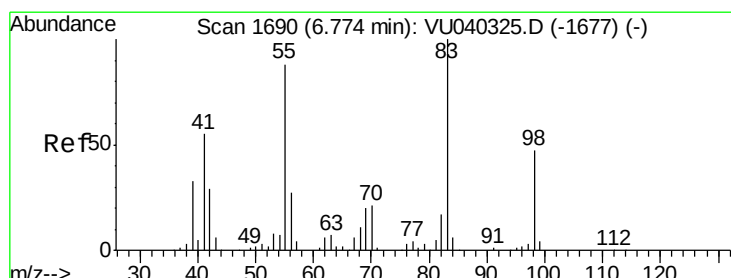
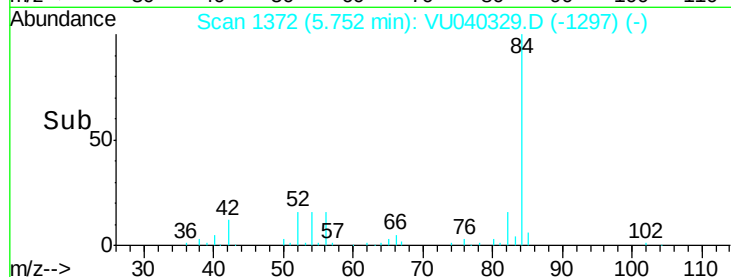
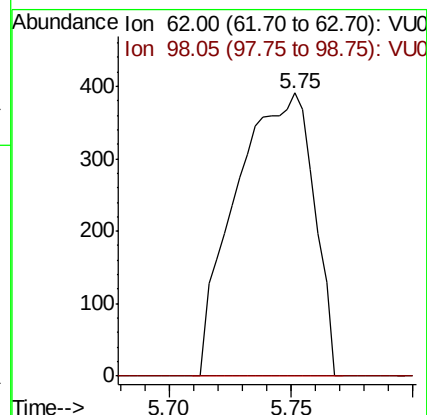
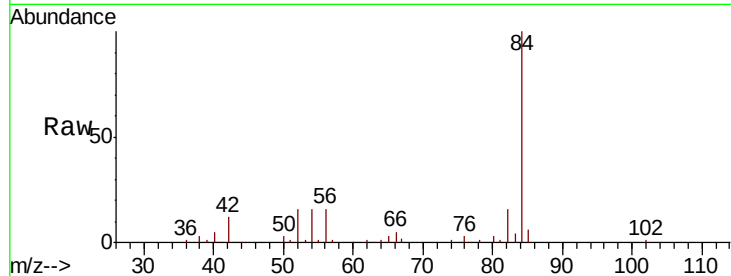




#27
 1,2-Dichloroethane
 Concen: 0.052 ug/L
 RT: 5.75 min Scan# 1372
 Delta R.T. -0.06 min
 Lab File: VU040329.D
 Acq: 28 Sep 2020 14:03

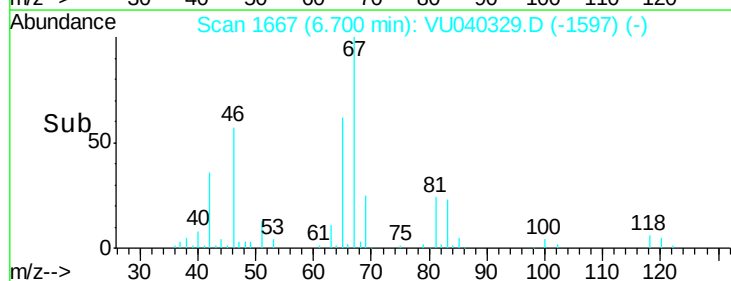
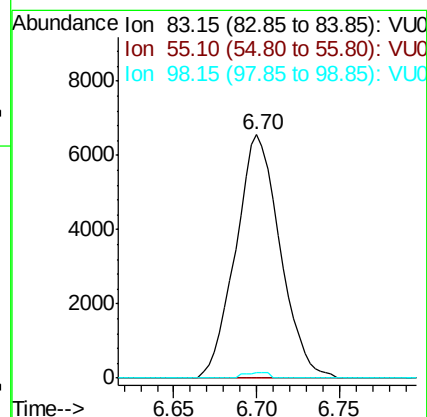
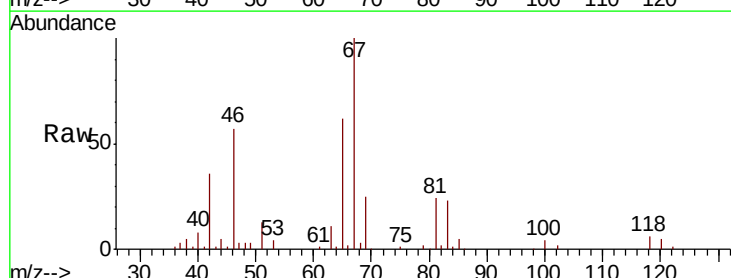
Instrument :
 MSVOA_U
 ClientSampleId :
 BG4A1

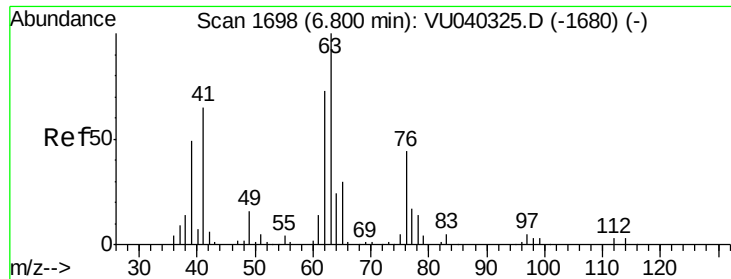
Tot Ion: 62 Resp: 861
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.1 9.1#



#35
 Methylcyclohexane
 Concen: 0.646 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU040329.D
 Acq: 28 Sep 2020 14:03

Tgt Ion: 83 Resp: 12204
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.5 105.7#
 98 1.2 37.8 56.6#

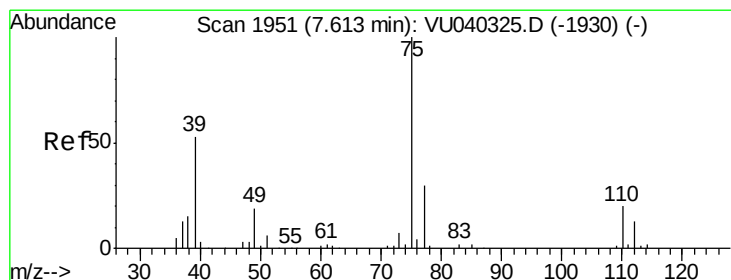
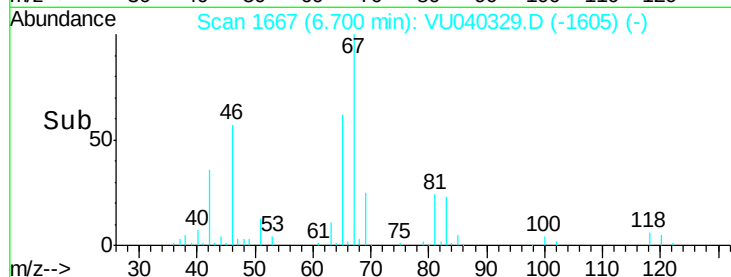
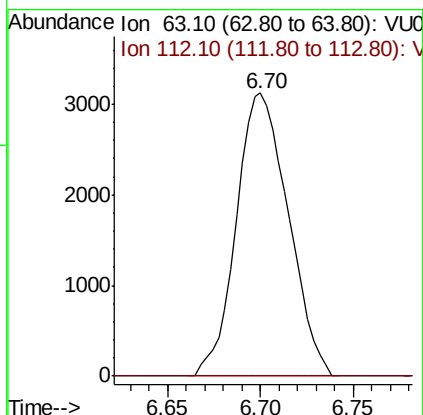
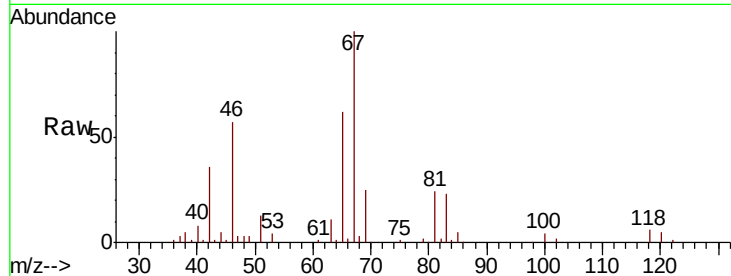




#37
 1,2-Dichloropropane
 Concen: 0.490 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040329.D
 Acq: 28 Sep 2020 14:03

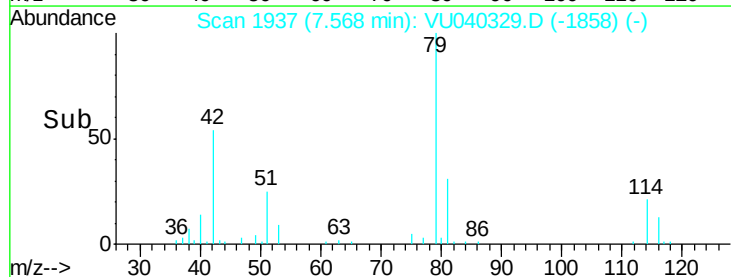
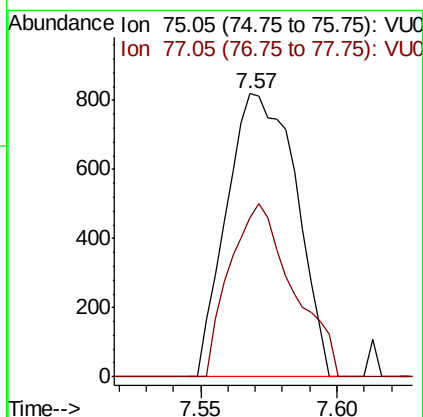
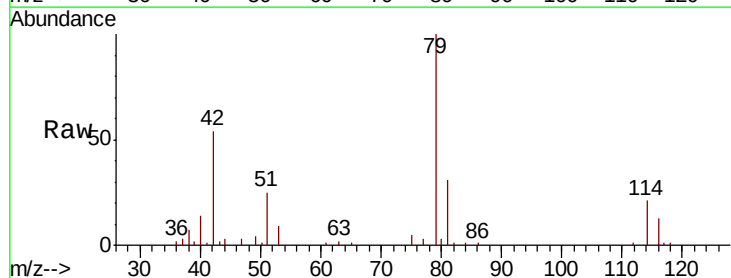
Instrument :
 MSVOA_U
 ClientSampleId :
 BG4A1

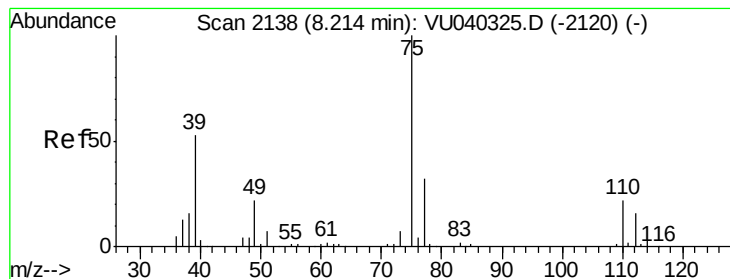
Tot Ion: 63 Resp: 6104
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.04 min
 Lab File: VU040329.D
 Acq: 28 Sep 2020 14:03

Tgt Ion: 75 Resp: 1450
 Ion Ratio Lower Upper
 75 100
 77 56.4 21.1 39.3#





#44

trans-1,3-Dichloropropene

Concen: 0.059 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040329.D

Acq: 28 Sep 2020 14:03

Instrument :

MSVOA_U

ClientSampleId :

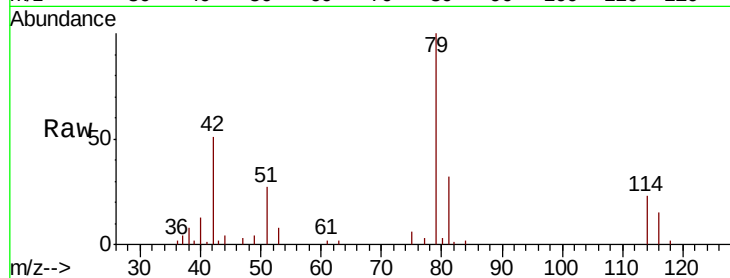
BG4A1

Tot Ion: 75 Resp: 1007

Ion Ratio Lower Upper

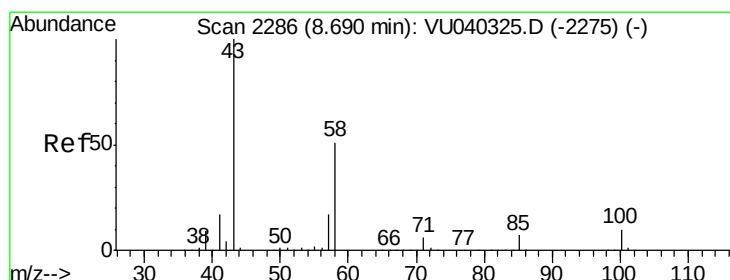
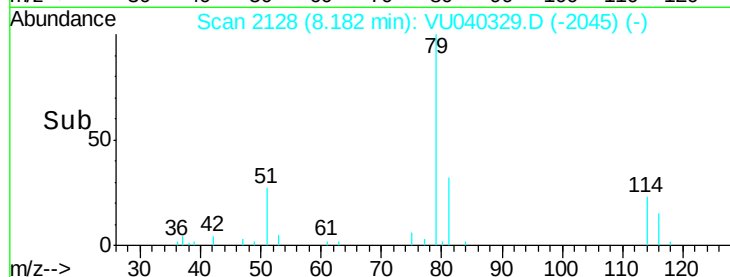
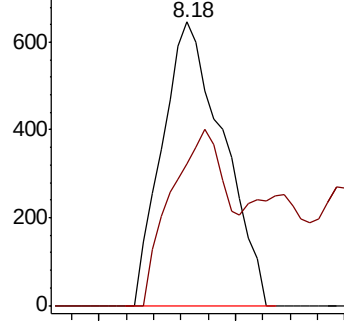
75 100

77 50.2 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 2.749 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU040329.D

Acq: 28 Sep 2020 14:03

Tgt Ion: 43 Resp: 20491

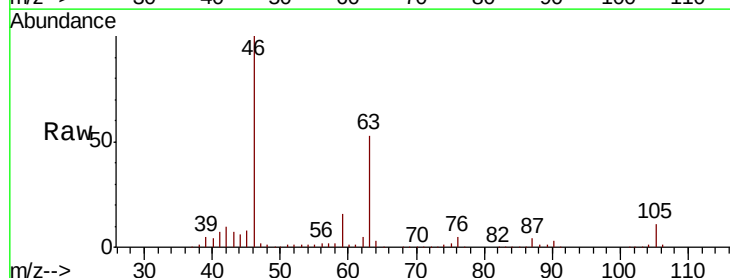
Ion Ratio Lower Upper

43 100

58 23.6 39.6 59.4#

57 23.0 14.3 21.5#

100 0.3 8.0 12.0#

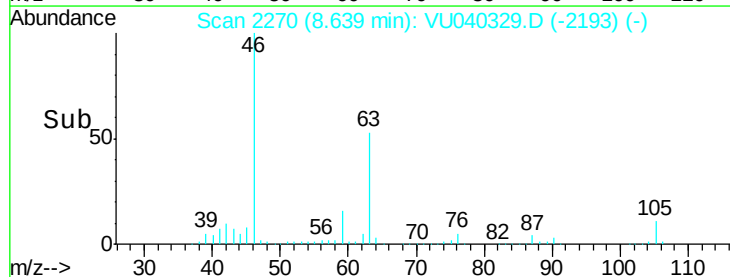
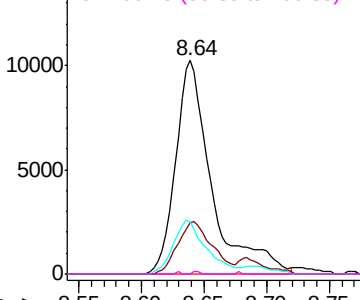


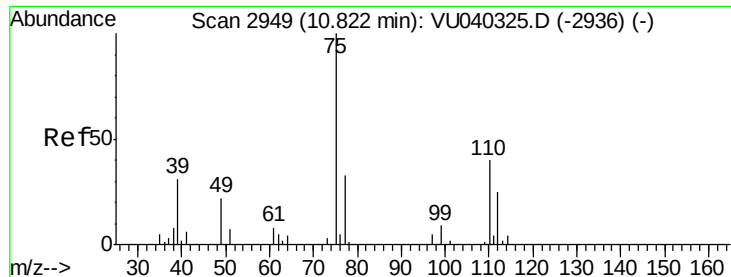
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.930 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040329.D

Acq: 28 Sep 2020 14:03

Instrument :

MSVOA_U

ClientSampleId :

BG4A1

Tot Ion: 75 Resp: 8580

Ion Ratio Lower Upper

75 100

77 35.6 24.9 37.3

