

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083120\
 Data File : VU040005.D
 Acq On : 31 Aug 2020 14:02
 Operator : SY/MD
 Sample : L3838-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AG1

Quant Time: Sep 01 01:43:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 31 18:16:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	128522	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124193	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55415	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	29866	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.92	69	25438	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.58	63	51605	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	4.65	46	123086	43.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.70%
24) Chloroform-d	5.08	84	68866	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.72	65	42241	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
32) Benzene-d6	5.74	84	129115	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.71	67	43547	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.91	98	109909	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	8.19	79	17165	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.64	63	89387	42.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.96%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	35812	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	39796	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%

Target Compounds

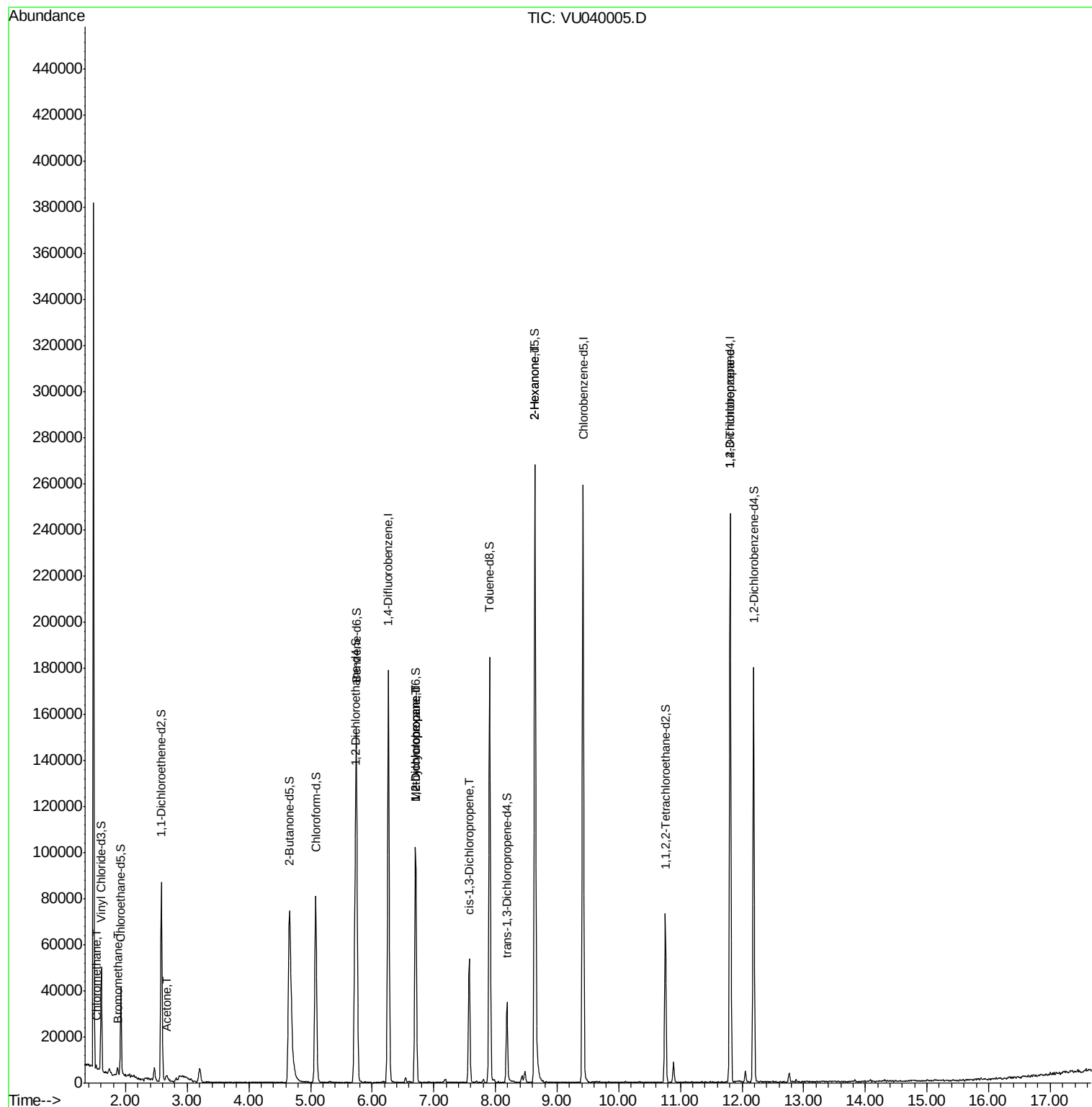
					Ovalue
3) Chloromethane	1.53	50	1601	0.131 ug/L	87
6) Bromomethane	1.87	94	1716	0.271 ug/L	92
13) Acetone	2.67	43	5063	1.949 ug/L	71
35) Methylcyclohexane	6.70	83	10220	0.560 ug/L #	15
37) 1,2-Dichloropropane	6.70	63	5343	0.444 ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1366	0.077 ug/L #	70
48) 2-Hexanone	8.64	43	13103	1.820 ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	9089	1.020 ug/L	90

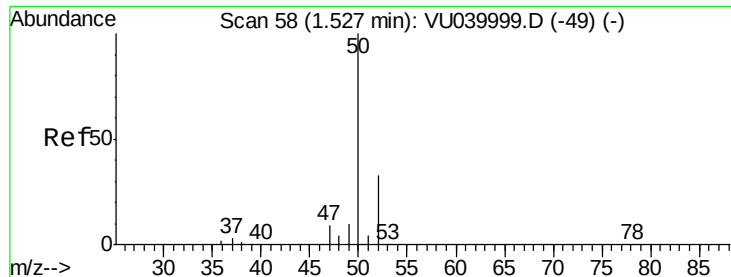
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.131 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040005.D

Acq: 31 Aug 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

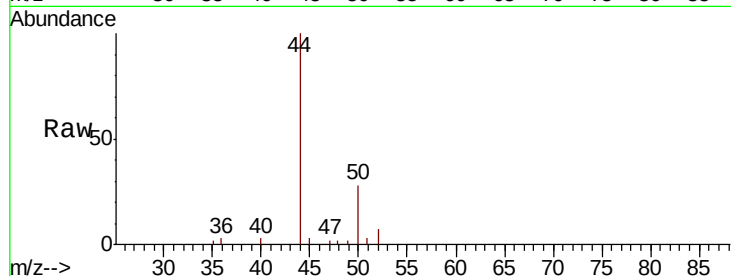
C0AG1

Tot Ion: 50 Resp: 1601

Ion Ratio Lower Upper

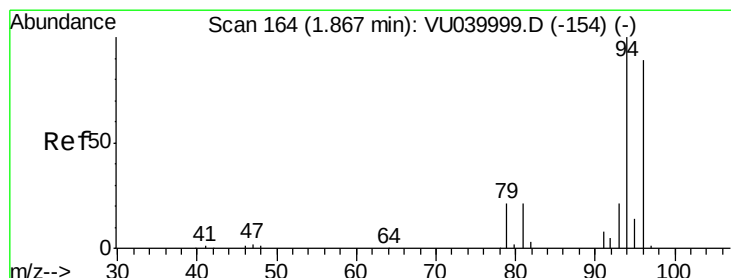
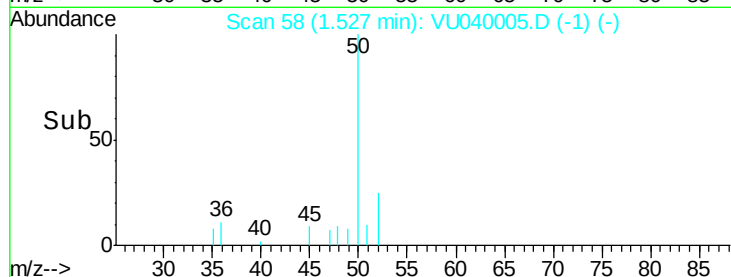
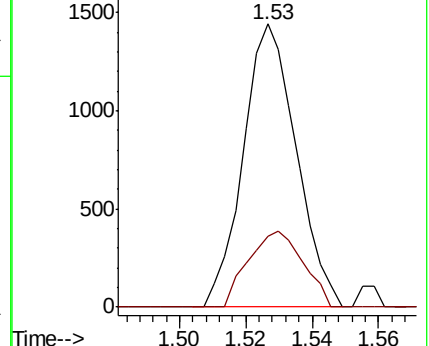
50 100

52 25.2 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#6

Bromomethane

Concen: 0.271 ug/L

RT: 1.87 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU040005.D

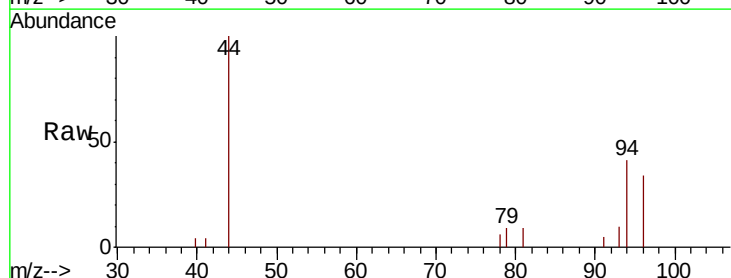
Acq: 31 Aug 2020 14:02

Tgt Ion: 94 Resp: 1716

Ion Ratio Lower Upper

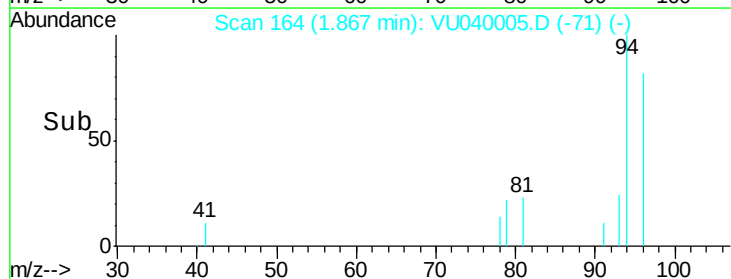
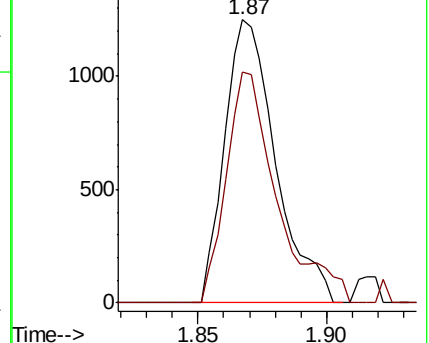
94 100

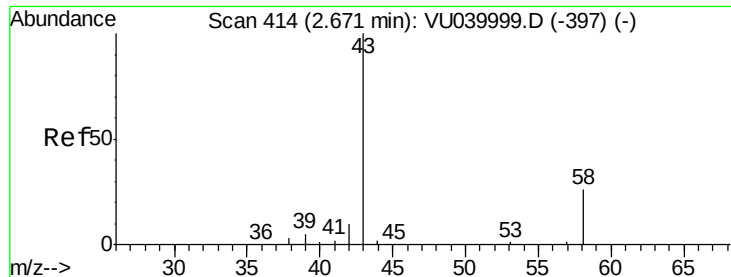
96 81.6 62.3 115.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#13

Acetone

Concen: 1.949 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU040005.D

Acq: 31 Aug 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

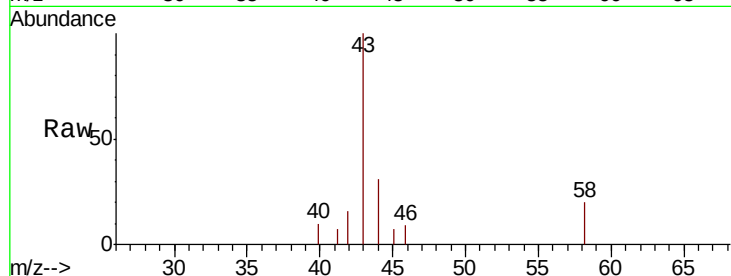
C0AG1

Tot Ion: 43 Resp: 5063

Ion Ratio Lower Upper

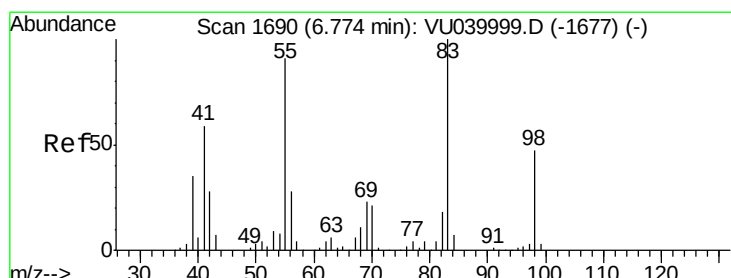
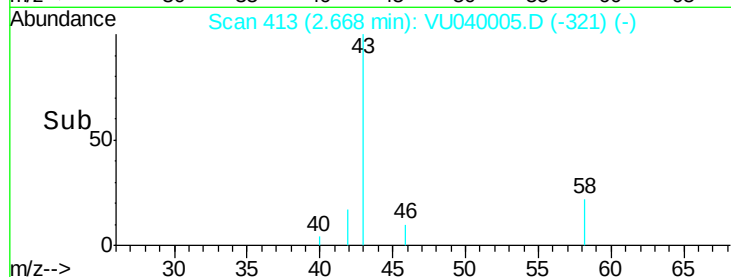
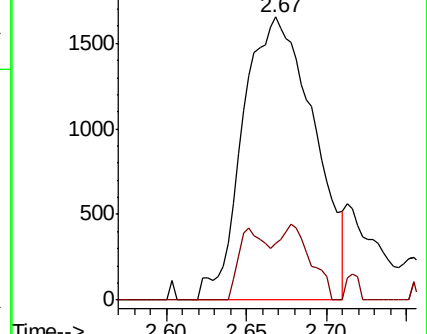
43 100

58 12.5 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#35

Methylcyclohexane

Concen: 0.560 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040005.D

Acq: 31 Aug 2020 14:02

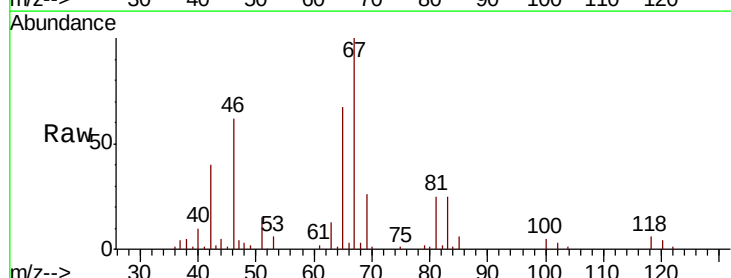
Tgt Ion: 83 Resp: 10220

Ion Ratio Lower Upper

83 100

55 0.0 70.5 105.7#

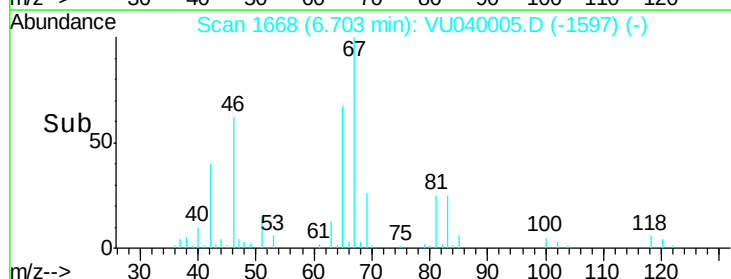
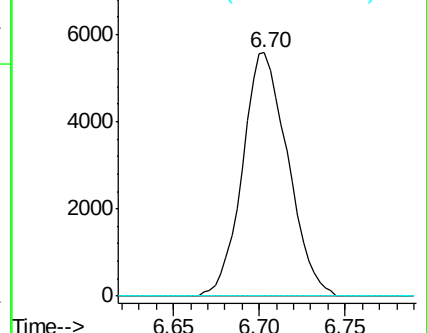
98 2.5 37.8 56.6#

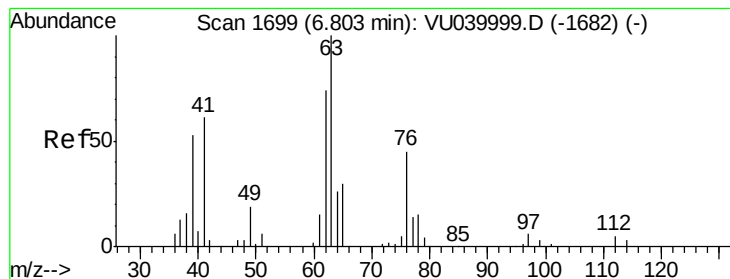


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.444 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040005.D

Acq: 31 Aug 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

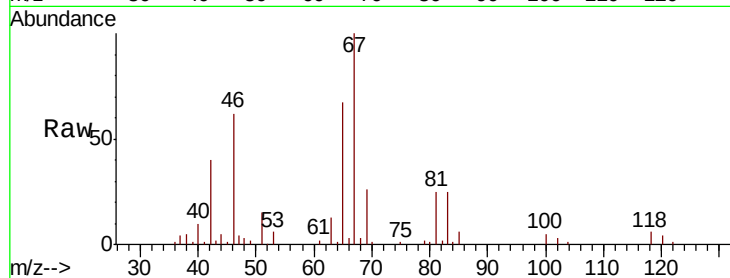
C0AG1

Tot Ion: 63 Resp: 5343

Ion Ratio Lower Upper

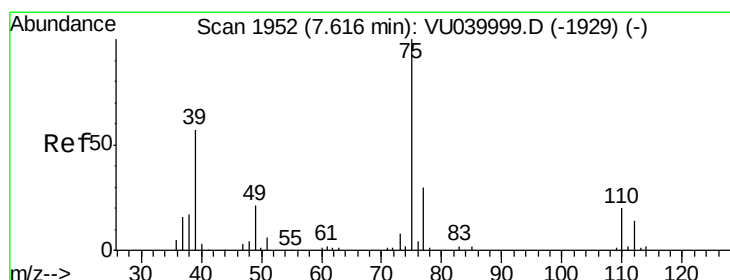
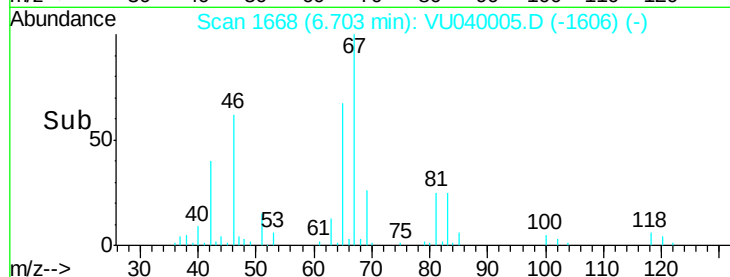
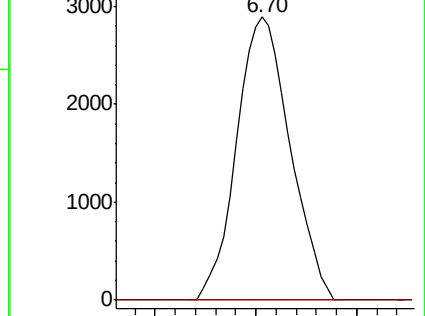
63 100

112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



#39

cis-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 7.58 min Scan# 1941

Delta R.T. -0.04 min

Lab File: VU040005.D

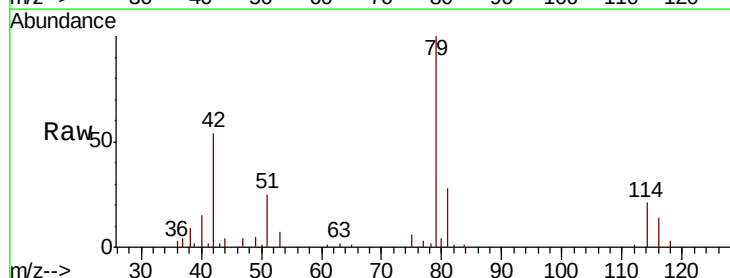
Acq: 31 Aug 2020 14:02

Tgt Ion: 75 Resp: 1366

Ion Ratio Lower Upper

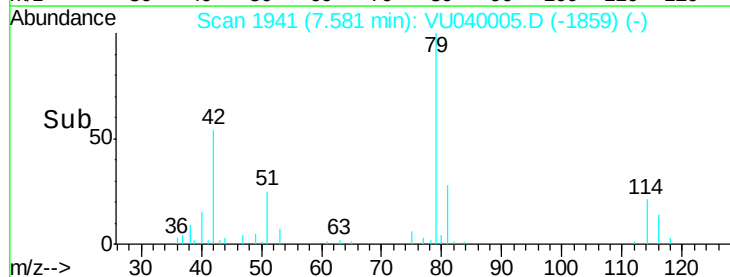
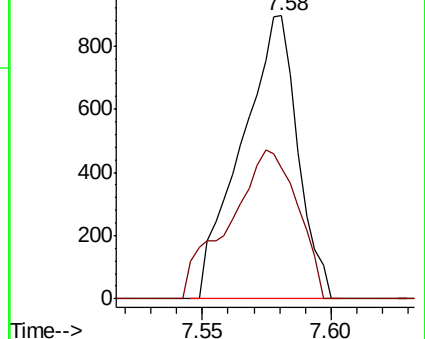
75 100

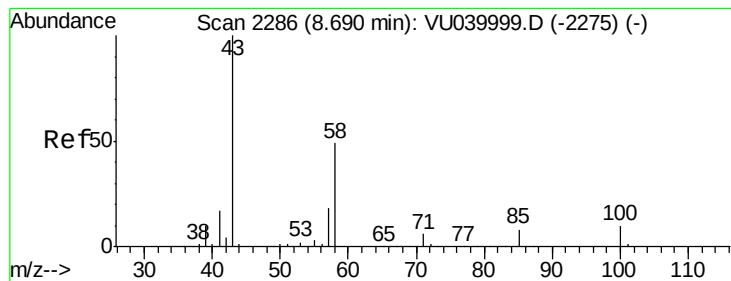
77 46.4 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0





#48

2-Hexanone

Concen: 1.820 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040005.D

Acq: 31 Aug 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

C0AG1

Tot Ion: 43 Resp: 13103

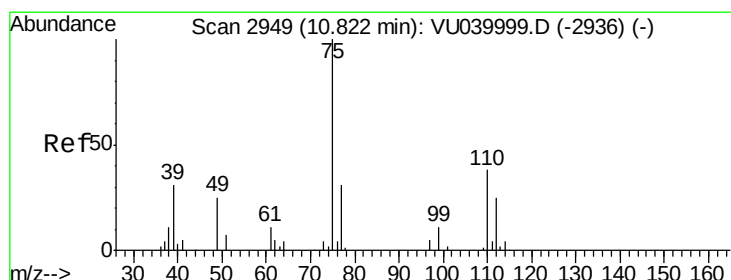
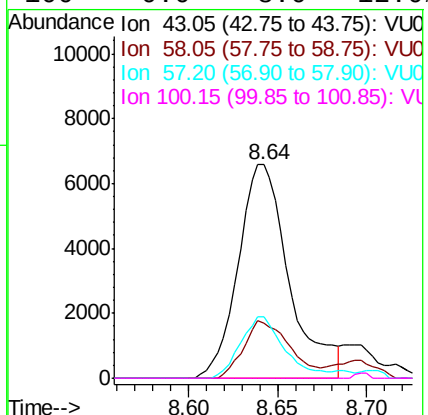
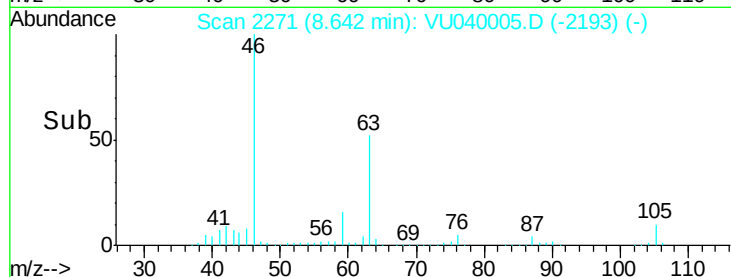
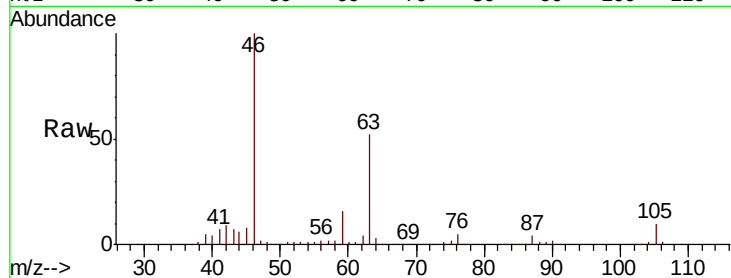
Ion Ratio Lower Upper

43 100

58 24.3 39.6 59.4#

57 25.2 14.3 21.5#

100 0.0 8.0 12.0#



#59

1,2,3-Trichloropropane

Concen: 1.020 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040005.D

Acq: 31 Aug 2020 14:02

Tgt Ion: 75 Resp: 9089

Ion Ratio Lower Upper

75 100

77 36.4 24.9 37.3

