

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101120\
 Data File : VU040644.D
 Acq On : 10 Oct 2020 19:00
 Operator : SY/MD
 Sample : L4286-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT9

Quant Time: Oct 12 07:15:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 12 07:06:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	126316	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128783	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58627	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	41289	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.92	69	35350	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.58	63	62843	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.66	46	179651	53.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.28%
24) Chloroform-d	5.08	84	87847	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.72	65	53411	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.74	84	161263	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.70	67	54323	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.91	98	131122	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.19	79	22603	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.64	63	128045	50.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50878	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	58009	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

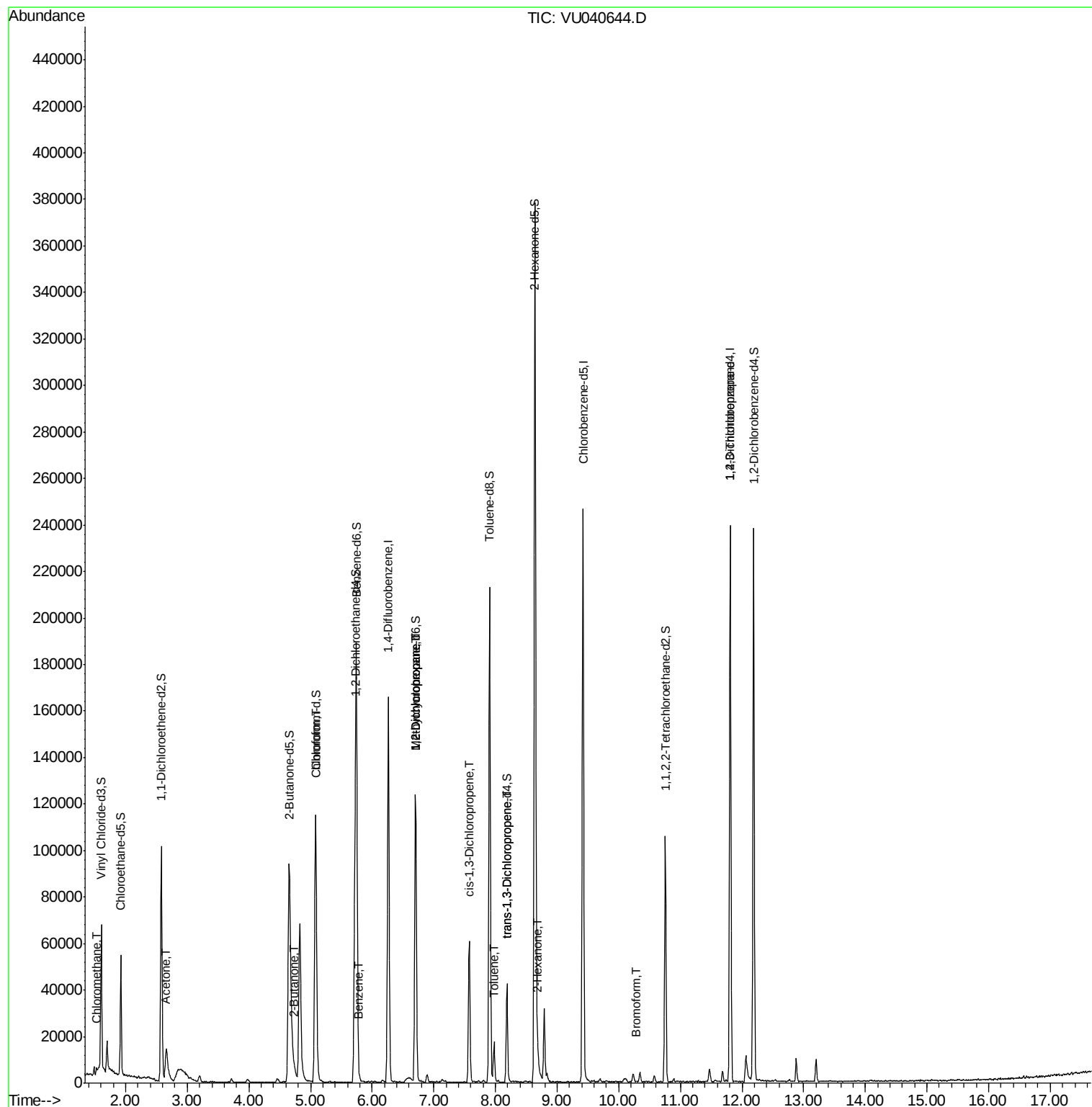
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	1927	0.180	ug/L	90
13) Acetone	2.66	43	29294	11.283	ug/L	98
21) 2-Butanone	4.74	43	3151	0.778	ug/L	81
25) Chloroform	5.10	83	2063	0.104	ug/L	93
33) Benzene	5.79	78	1153	0.028	ug/L	100
35) Methylcyclohexane	6.70	83	13096	0.861	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	6843	0.594	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1615	0.103	ug/L #	58
42) Toluene	7.97	91	11491	0.273	ug/L	95
44) trans-1,3-Dichloropropene	8.19	75	1194	0.082	ug/L #	82
48) 2-Hexanone	8.69	43	3944	0.576	ug/L #	84
59) 1,2,3-Trichloropropane	11.81	75	7686	0.908	ug/L #	86
61) Bromoform	10.29	173	203	0.040	ug/L #	37

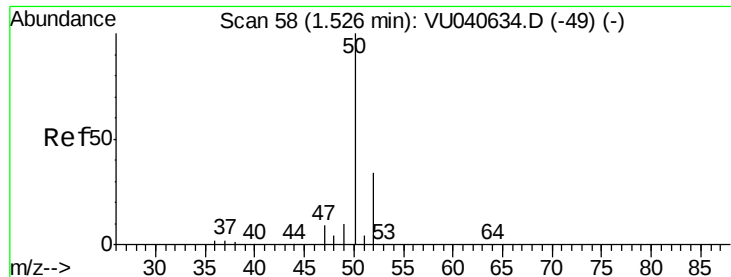
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101120\
Data File : VU040644.D
Acq On : 10 Oct 2020 19:00
Operator : SY/MD
Sample : L4286-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT9

Quant Time: Oct 12 07:15:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 12 07:06:57 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.180 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040644.D

Acq: 10 Oct 2020 19:00

Instrument :

MSVOA_U

ClientSampleId :

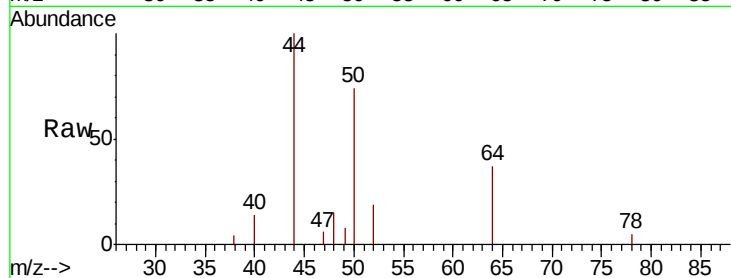
C0AT9

Tot Ion: 50 Resp: 1927

Ion Ratio Lower Upper

50 100

52 25.9 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

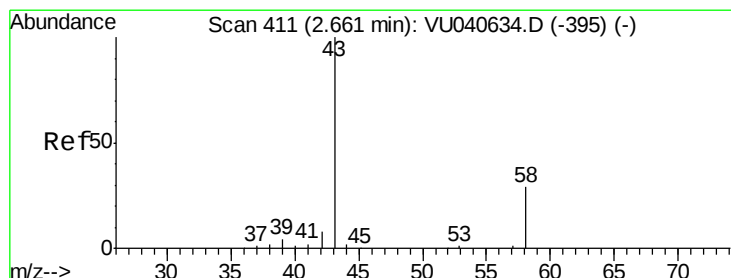
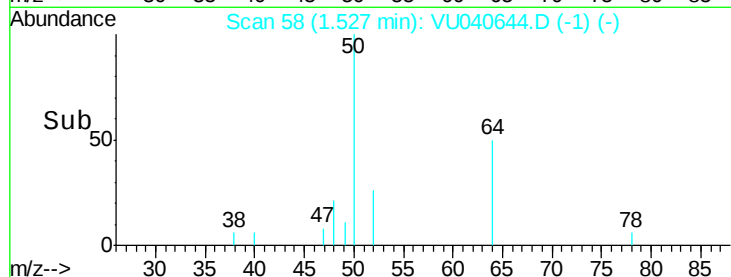
1500

1000

500

0

Time--> 1.48 1.50 1.52 1.54 1.56



#13

Acetone

Concen: 11.283 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU040644.D

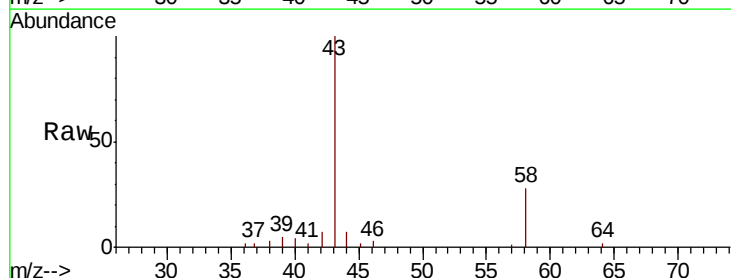
Acq: 10 Oct 2020 19:00

Tgt Ion: 43 Resp: 29294

Ion Ratio Lower Upper

43 100

58 29.2 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.66

10000

8000

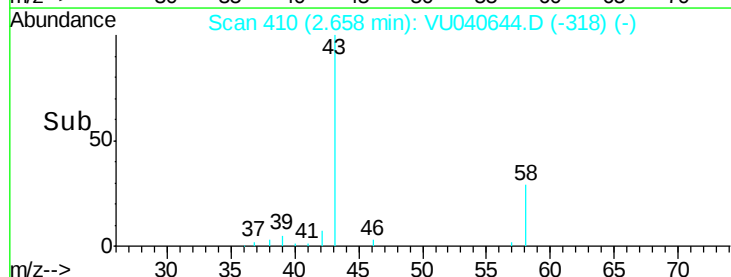
6000

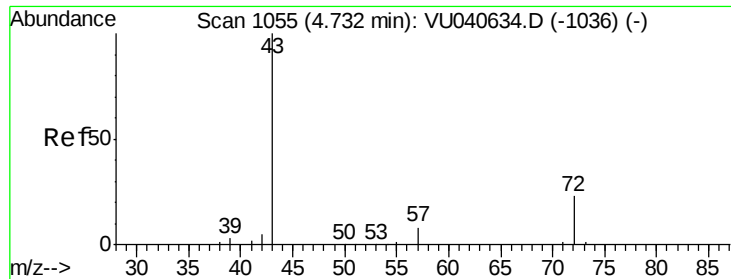
4000

2000

0

Time--> 2.60 2.70 2.80

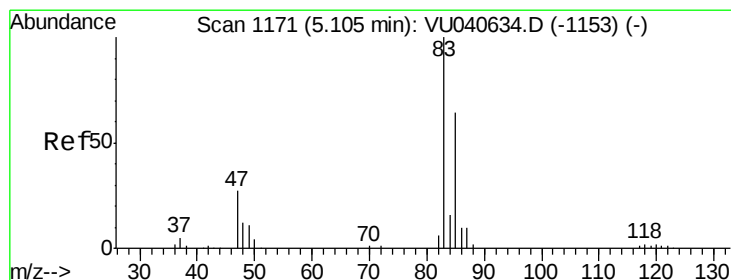
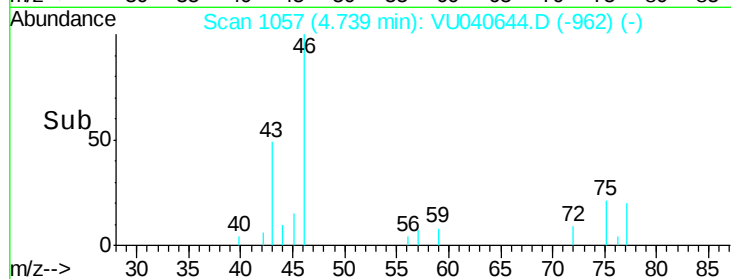
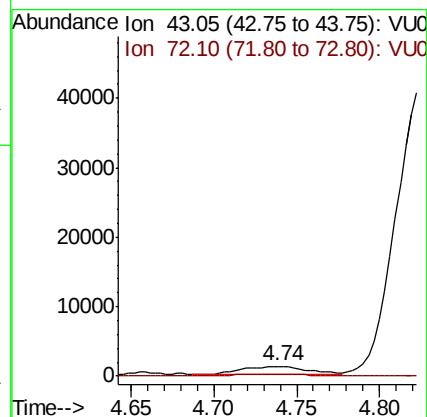
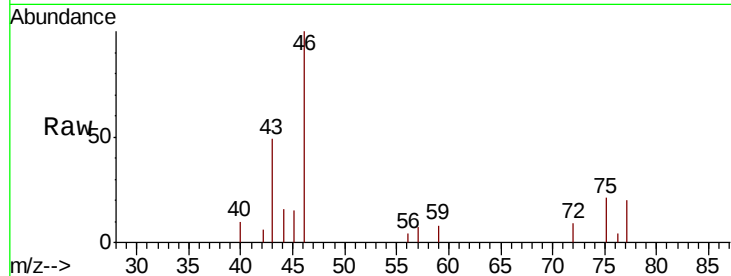




#21
2-Butanone
Concen: 0.778 ug/L
RT: 4.74 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VU040644.D
Acq: 10 Oct 2020 19:00

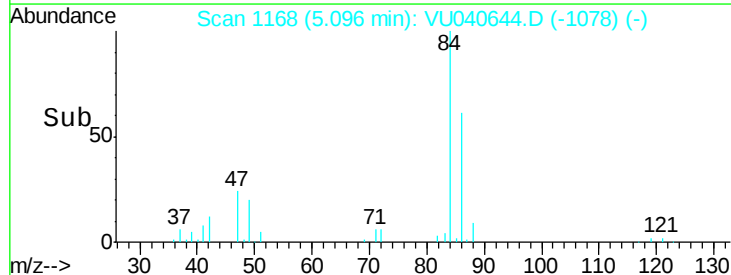
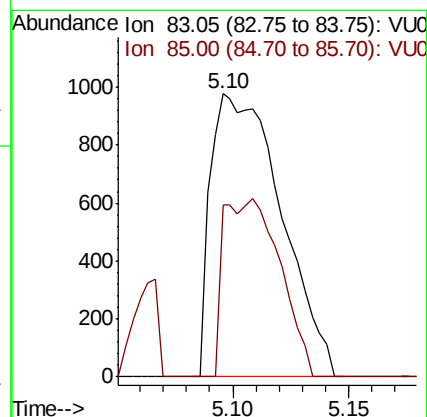
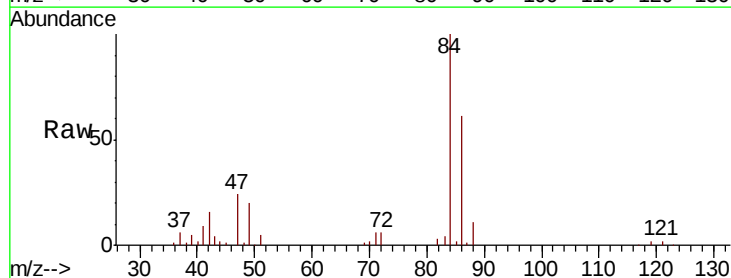
Instrument :
MSVOA_U
ClientSampleId :
C0AT9

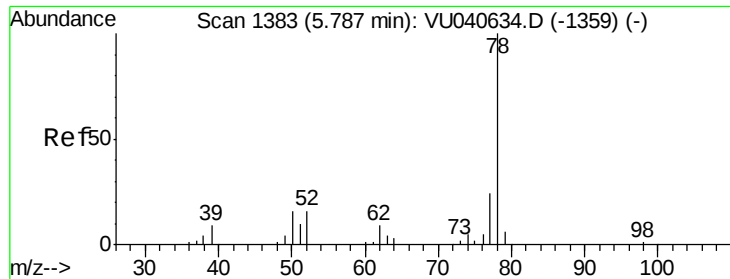
Tot Ion: 43 Resp: 3151
Ion Ratio Lower Upper
43 100
72 13.6 11.4 34.2



#25
Chloroform
Concen: 0.104 ug/L
RT: 5.10 min Scan# 1168
Delta R.T. -0.01 min
Lab File: VU040644.D
Acq: 10 Oct 2020 19:00

Tgt Ion: 83 Resp: 2063
Ion Ratio Lower Upper
83 100
85 60.6 46.5 86.5





#33

Benzene

Concen: 0.028 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU040644.D

Acq: 10 Oct 2020 19:00

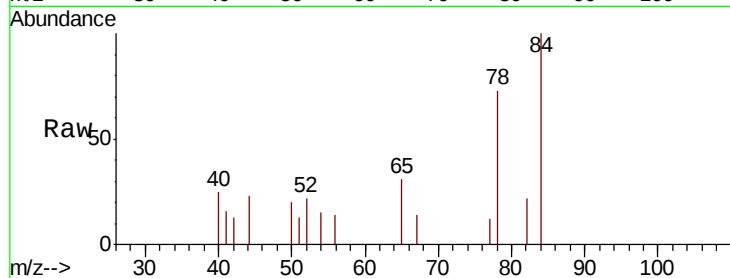
Instrument :

MSVOA_U

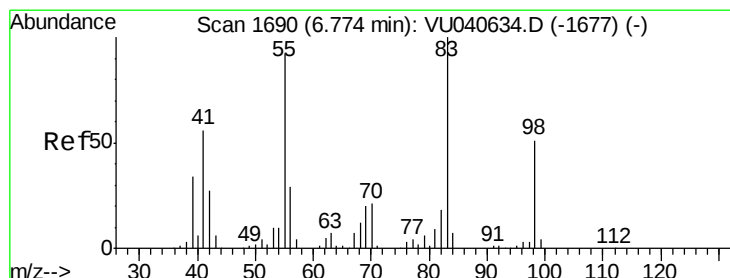
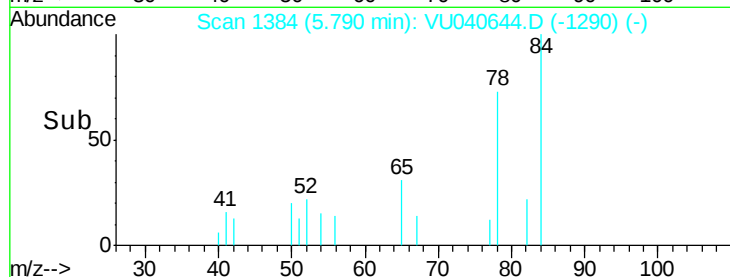
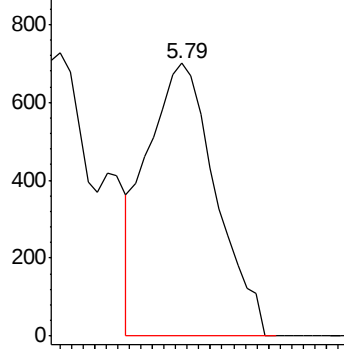
ClientSampleId :

C0AT9

Tgt Ion: 78 Resp: 1153



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.861 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040644.D

Acq: 10 Oct 2020 19:00

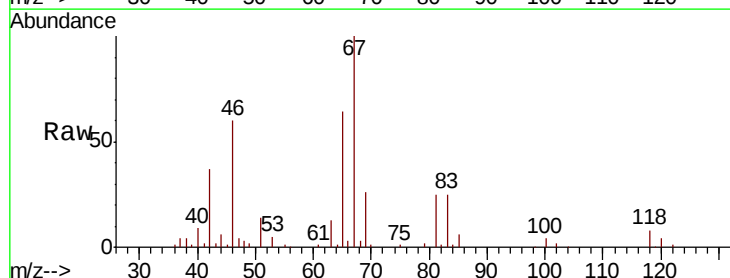
Tgt Ion: 83 Resp: 13096

Ion Ratio Lower Upper

83 100

55 1.5 70.7 106.1#

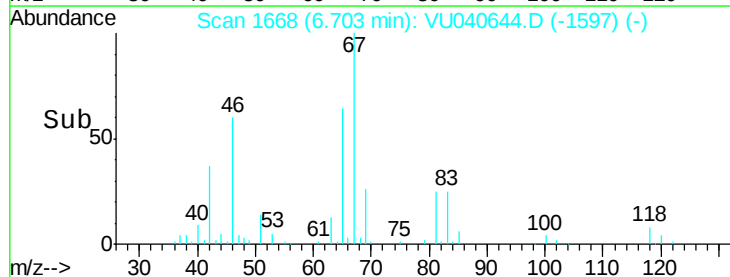
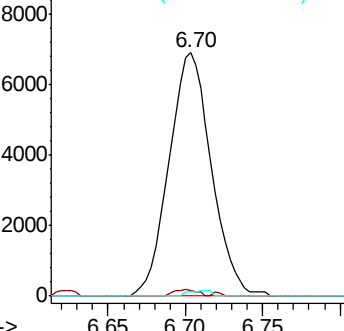
98 0.0 38.4 57.6#

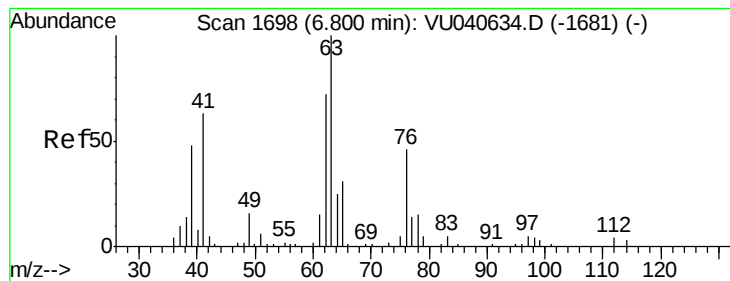


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.594 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040644.D

Acq: 10 Oct 2020 19:00

Instrument :

MSVOA_U

ClientSampleId :

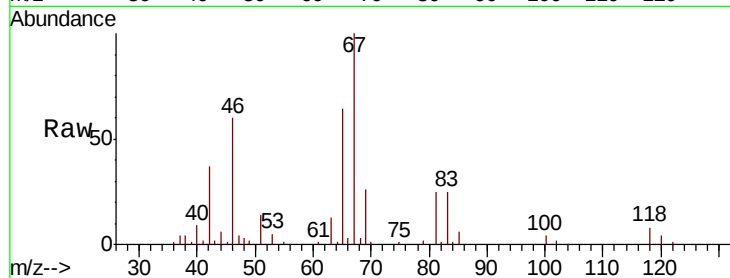
C0AT9

Tot Ion: 63 Resp: 6843

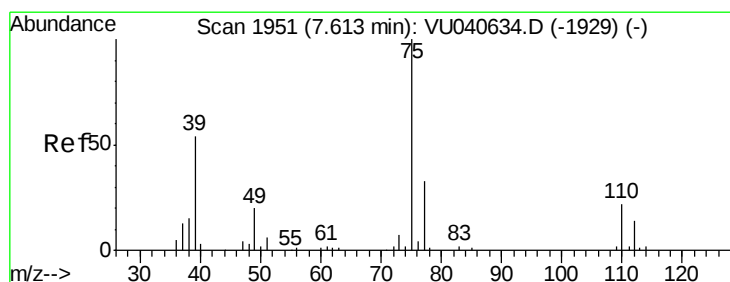
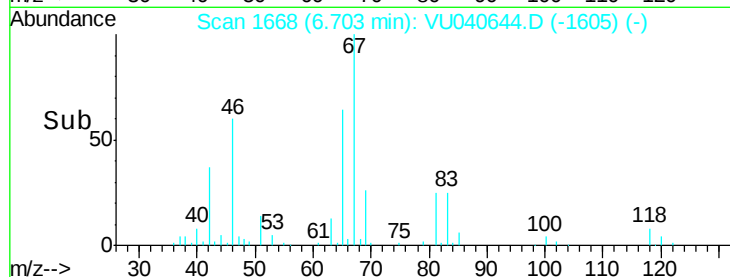
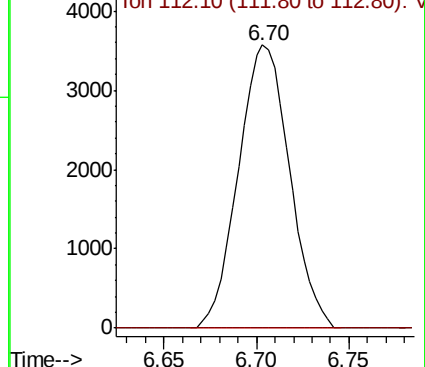
Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU040634.D (-1681) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU040644.D

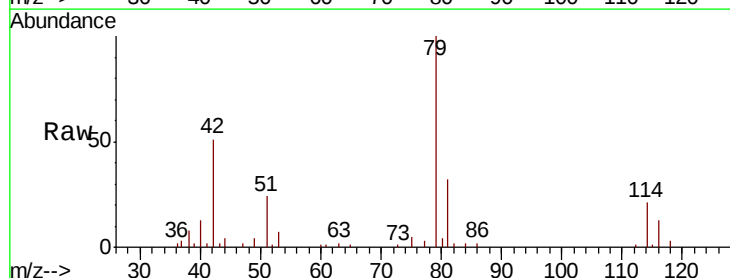
Acq: 10 Oct 2020 19:00

Tgt Ion: 75 Resp: 1615

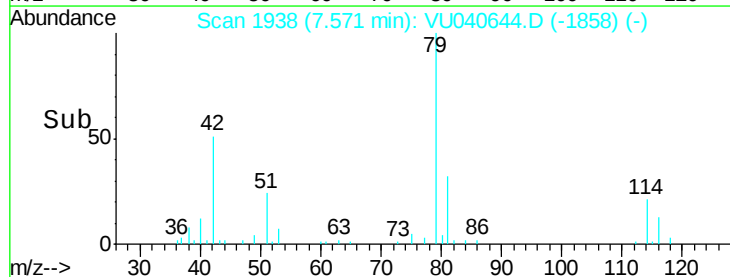
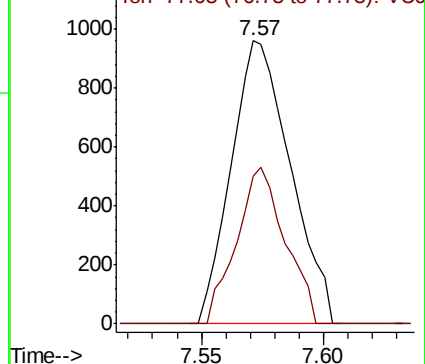
Ion Ratio Lower Upper

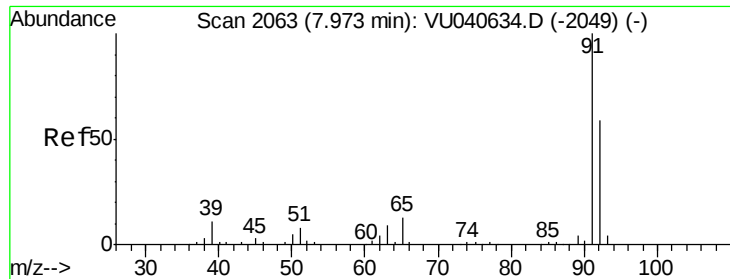
75 100

77 52.0 20.5 38.1#



Abundance Ion 75.05 (74.75 to 75.75): VU040634.D (-1929) (-)





#42

Toluene

Concen: 0.273 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VU040644.D

Acq: 10 Oct 2020 19:00

Instrument :

MSVOA_U

ClientSampleId :

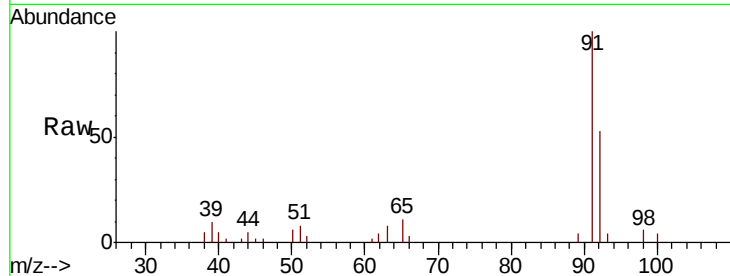
C0AT9

Tot Ion: 91 Resp: 11491

Ion Ratio Lower Upper

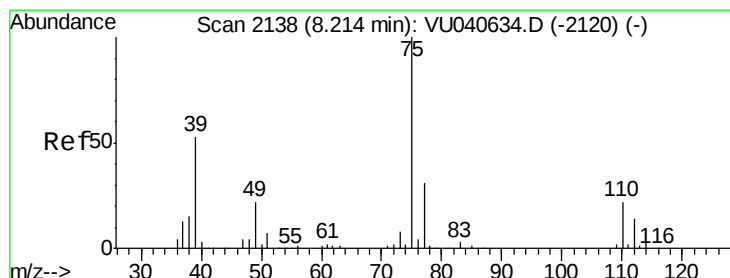
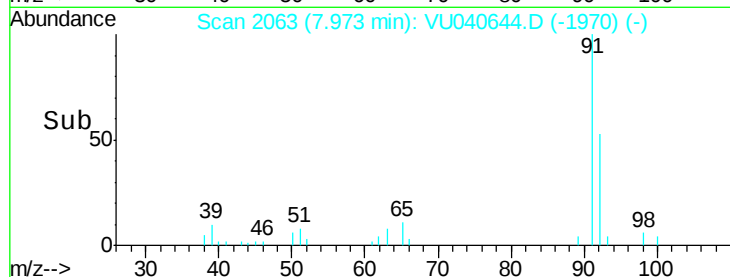
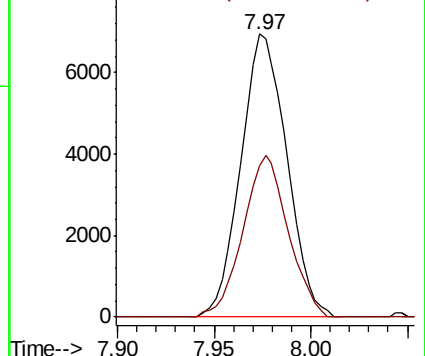
91 100

92 53.5 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040644.D

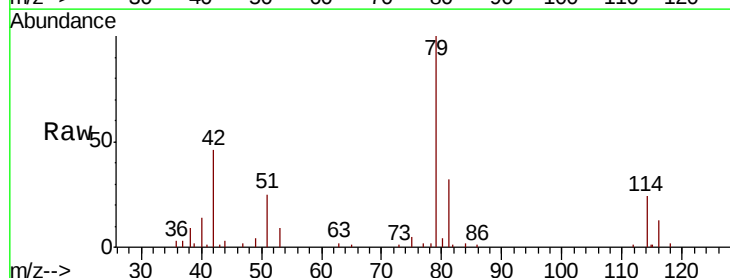
Acq: 10 Oct 2020 19:00

Tgt Ion: 75 Resp: 1194

Ion Ratio Lower Upper

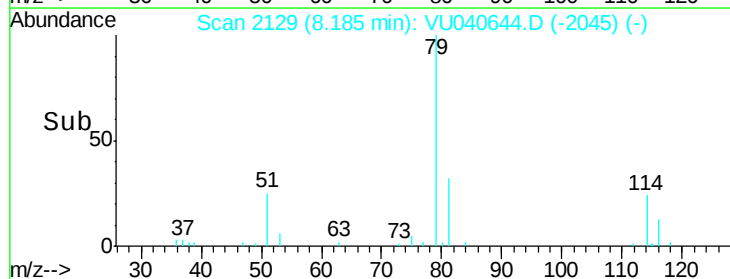
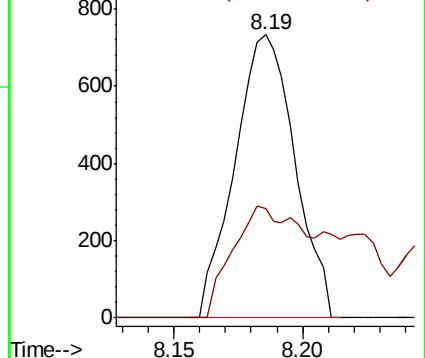
75 100

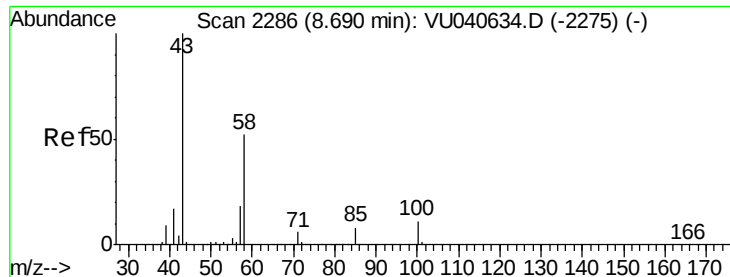
77 38.6 20.4 38.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

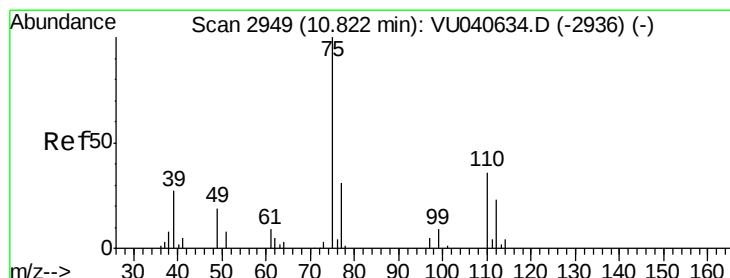
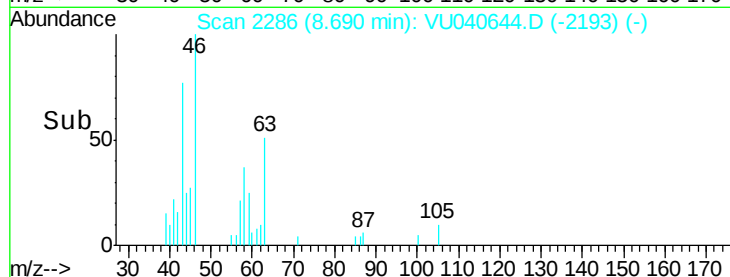
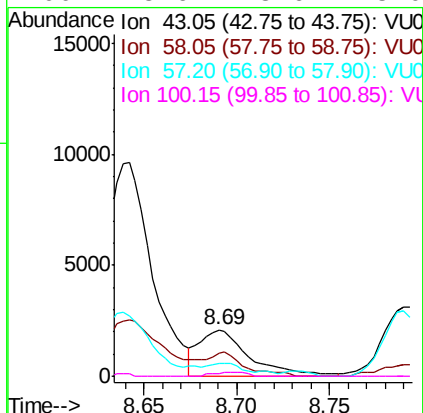
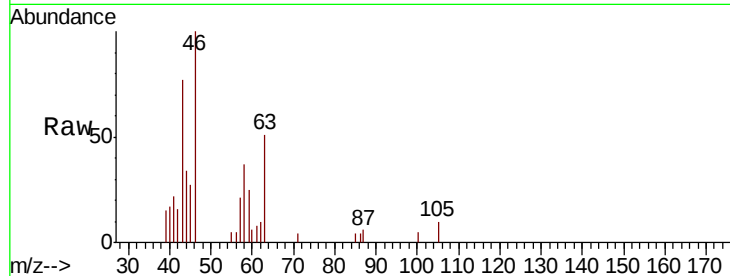




#48
2-Hexanone
Concen: 0.576 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VU040644.D
Acq: 10 Oct 2020 19:00

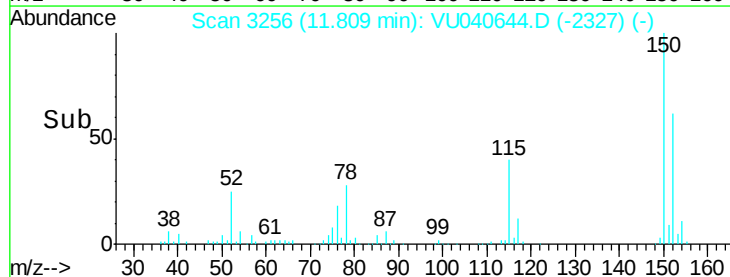
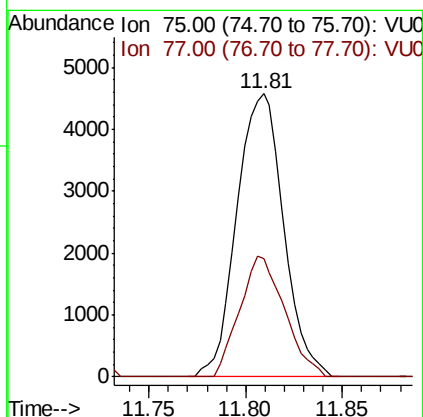
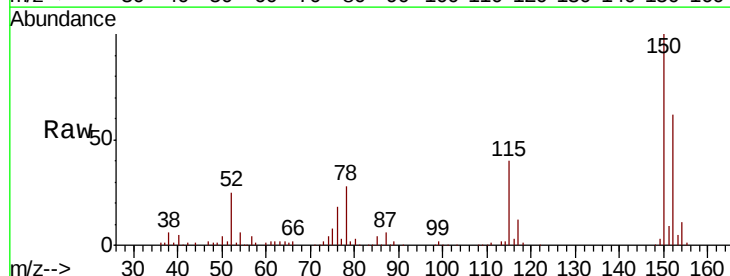
Instrument :
MSVOA_U
ClientSampled :
C0AT9

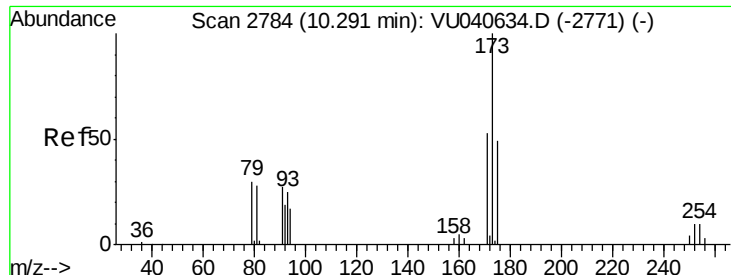
Tot Ion: 43 Resp: 3944
Ion Ratio Lower Upper
43 100
58 36.5 41.0 61.6#
57 16.2 14.4 21.6
100 5.6 8.6 13.0#



#59
1,2,3-Trichloropropane
Concen: 0.908 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040644.D
Acq: 10 Oct 2020 19:00

Tgt Ion: 75 Resp: 7686
Ion Ratio Lower Upper
75 100
77 40.9 26.4 39.6#





#61

Bromoform

Concen: 0.040 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VU040644.D

Acq: 10 Oct 2020 19:00

Instrument :

MSVOA_U

ClientSampleId :

C0AT9

Tot Ion:173 Resp: 203

Ion Ratio Lower Upper

173 100

175 0.0 37.4 56.0#

254 0.0 7.4 11.2#

