

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110220\
 Data File : VU041052.D
 Acq On : 02 Nov 2020 15:48
 Operator : SY/MD
 Sample : L4550-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 03 00:49:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 03 00:40:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	53050	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	54876	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23080	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19295	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.92	69	14358	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.58	63	28114	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.65	46	76688	52.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.50%
24) Chloroform-d	5.08	84	35968	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.72	65	23694	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.74	84	66522	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.70	67	23157	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.91	98	52853	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	8.19	79	9360	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.64	63	54007	48.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21086	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	20498	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

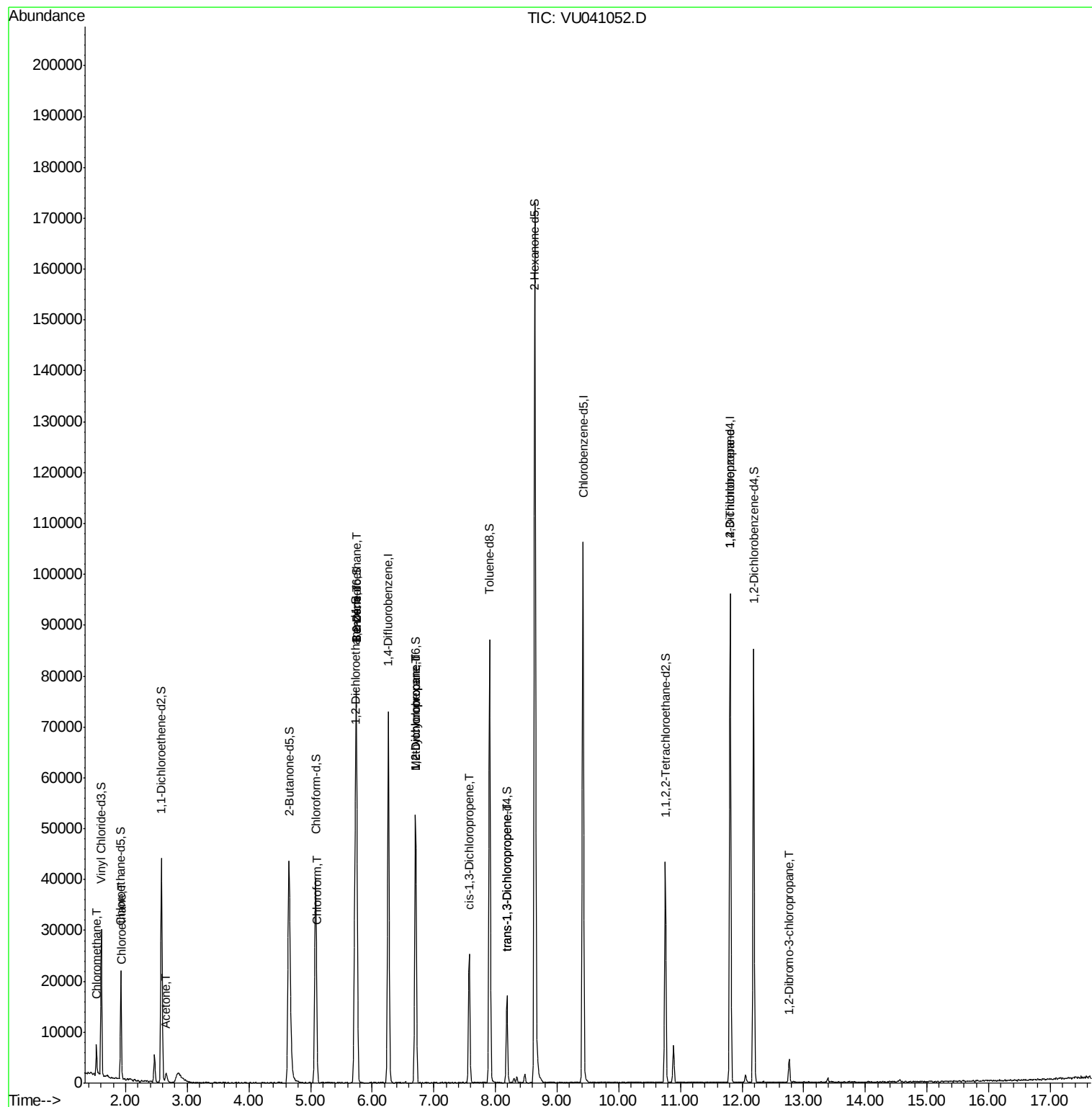
					Ovalue
3) Chloromethane	1.53	50	3929	0.778 ug/L	94
8) Chloroethane	1.94	64	307	0.097 ug/L #	43
13) Acetone	2.66	43	3034	3.024 ug/L #	63
25) Chloroform	5.11	83	408	0.053 ug/L	93
27) 1,2-Dichloroethane	5.74	62	346	0.061 ug/L #	74
33) Benzene	5.74	78	398	0.024 ug/L	100
35) Methylcyclohexane	6.70	83	5264	0.846 ug/L #	13
37) 1,2-Dichloropropane	6.71	63	2854	0.643 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	581	0.095 ug/L #	53
44) trans-1,3-Dichloropropene	8.18	75	390	0.068 ug/L #	49
59) 1,2,3-Trichloropropane	11.81	75	3233	0.978 ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.77	75	89	0.138 ug/L #	7

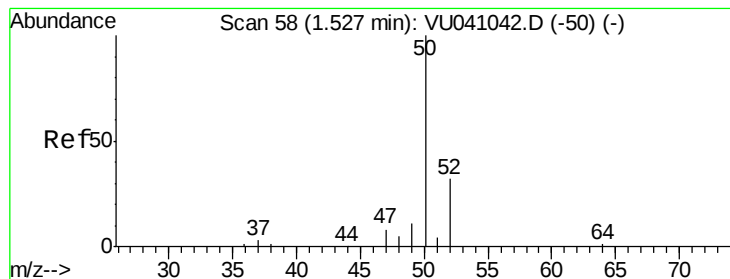
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 03 00:40:40 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.778 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU041052.D

Acq: 02 Nov 2020 15:48

Instrument :

MSVOA_U

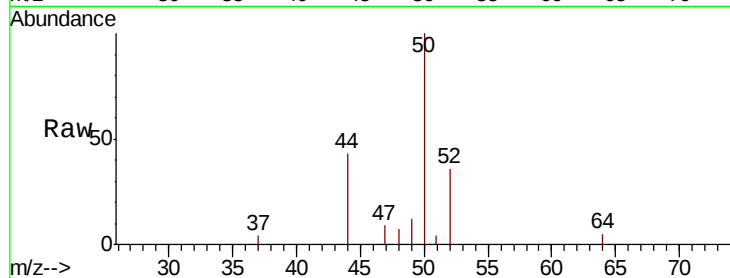
ClientSampleId :

Tot Ion: 50 Resp: 3929

Ion Ratio Lower Upper

50 100

52 35.5 22.4 41.6



Abundance Ion 50.05 (49.75 to 50.75): VU041052.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU041052.D (-1) (-)

1.53

4000

3000

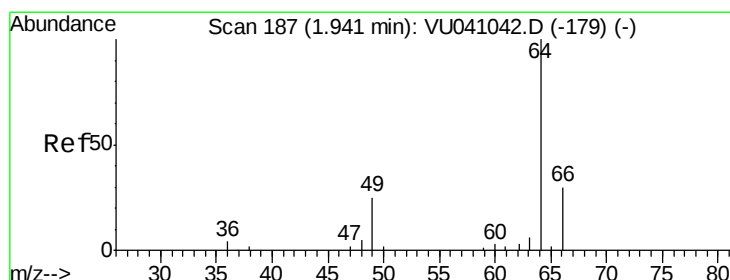
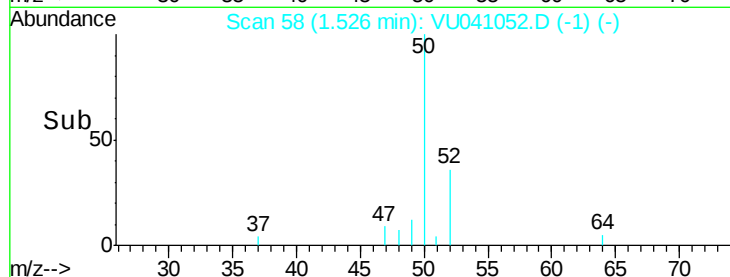
2000

1000

0

Time-->

1.48 1.50 1.52 1.54 1.56



#8

Chloroethane

Concen: 0.097 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU041052.D

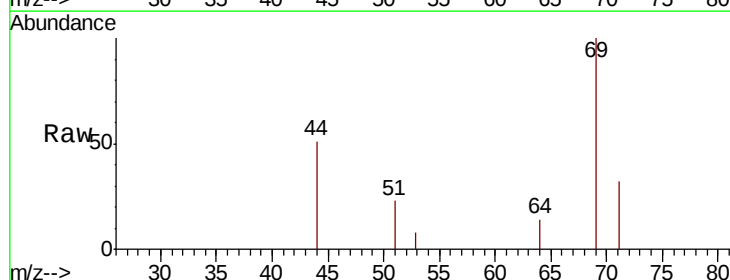
Acq: 02 Nov 2020 15:48

Tgt Ion: 64 Resp: 307

Ion Ratio Lower Upper

64 100

66 0.0 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VU041052.D (-94) (-)

Ion 66.05 (65.75 to 66.75): VU041052.D (-94) (-)

1.94

200

150

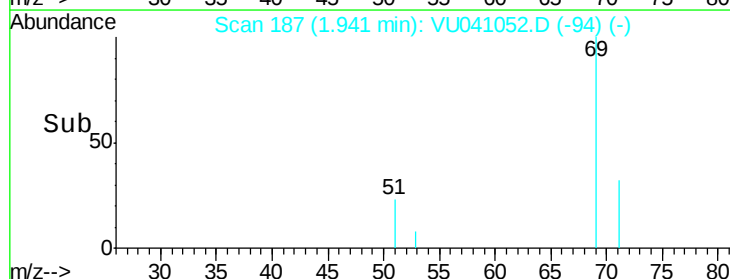
100

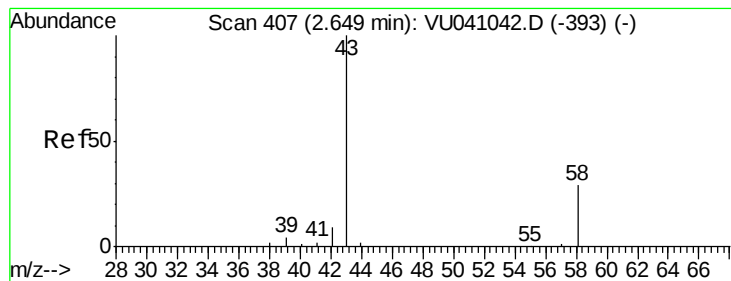
50

0

Time-->

1.92 1.94 1.96





#13

Acetone

Concen: 3.024 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU041052.D

Acq: 02 Nov 2020 15:48

Instrument :

MSVOA_U

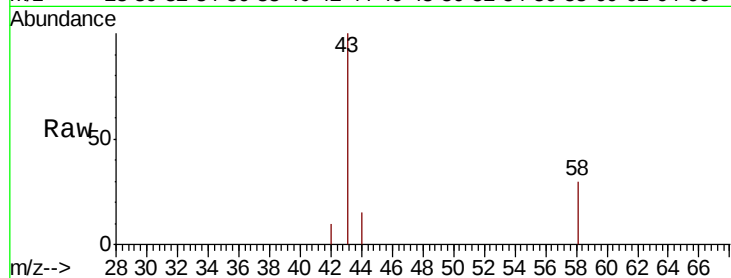
ClientSampleId :

Tot Ion: 43 Resp: 3034

Ion Ratio Lower Upper

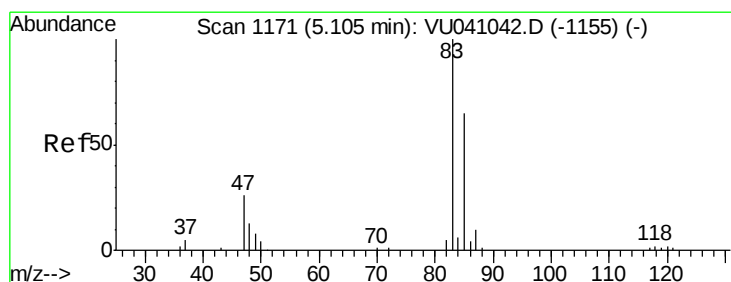
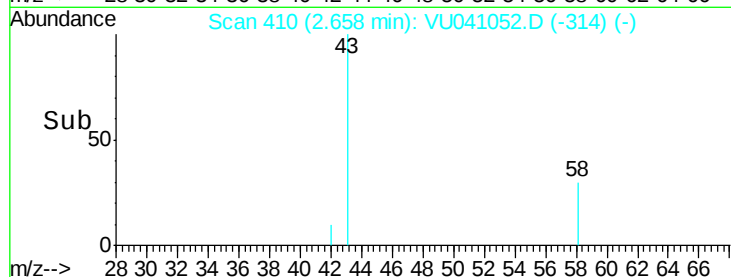
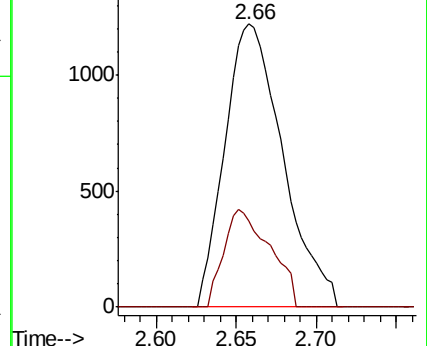
43 100

58 27.4 0.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#25

Chloroform

Concen: 0.053 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU041052.D

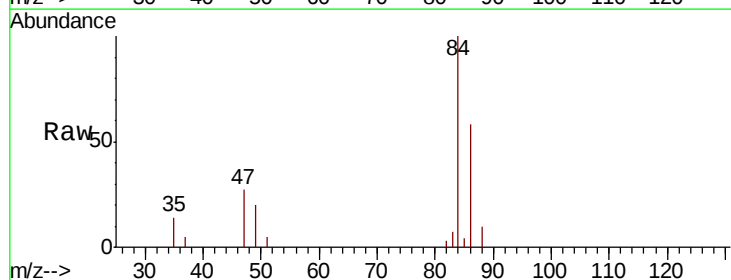
Acq: 02 Nov 2020 15:48

Tgt Ion: 83 Resp: 408

Ion Ratio Lower Upper

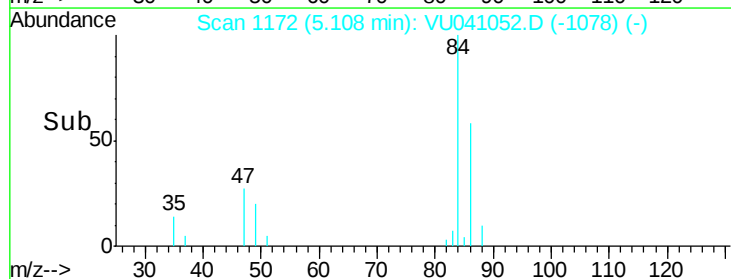
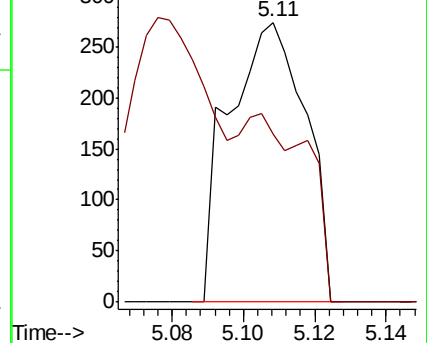
83 100

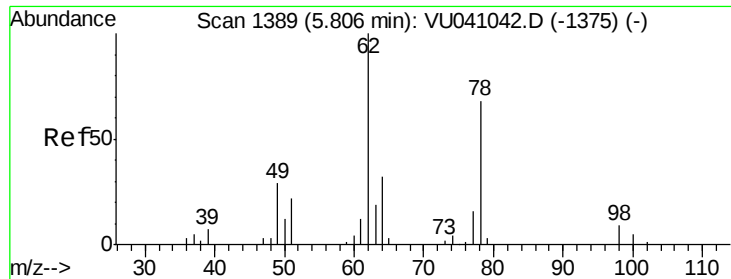
85 60.0 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

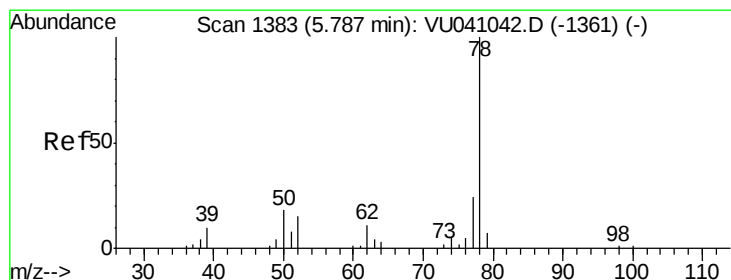
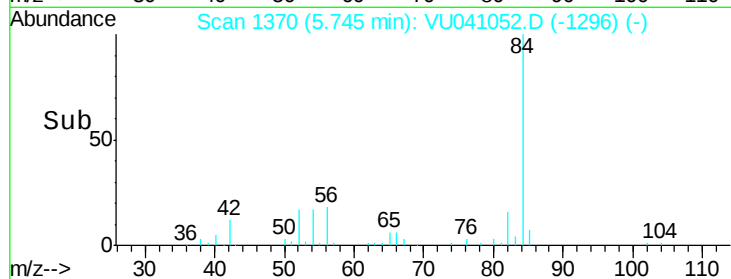
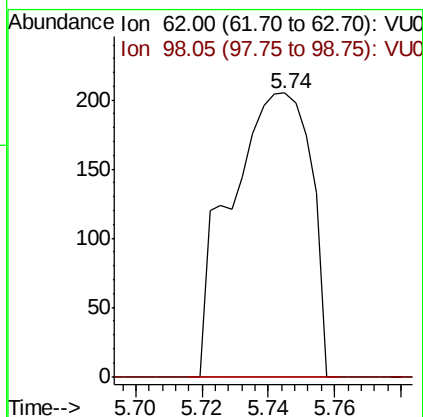
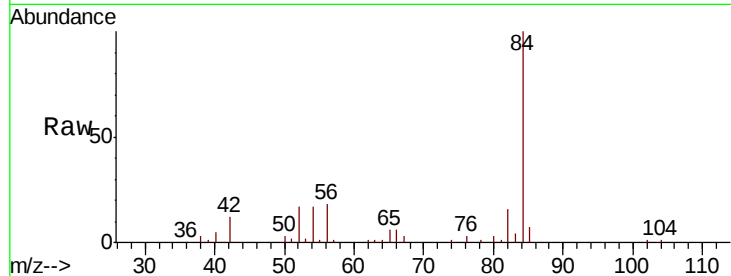




#27
 1,2-Dichloroethane
 Concen: 0.061 ug/L
 RT: 5.74 min Scan# 1370
 Delta R.T. -0.06 min
 Lab File: VU041052.D
 Acq: 02 Nov 2020 15:48

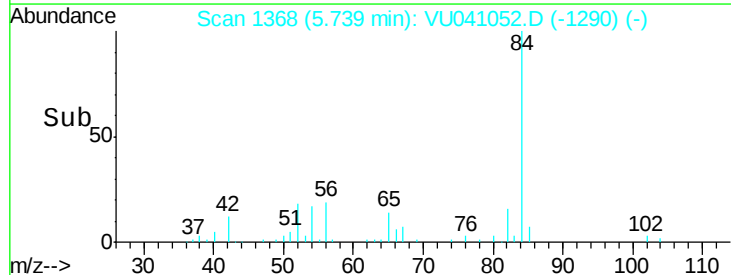
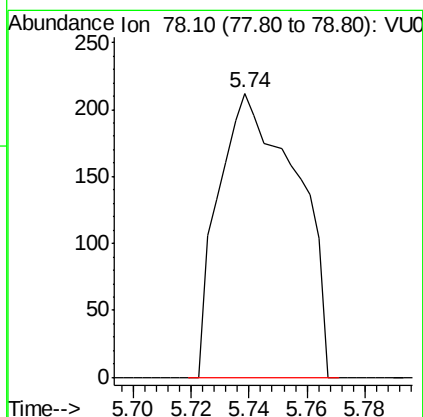
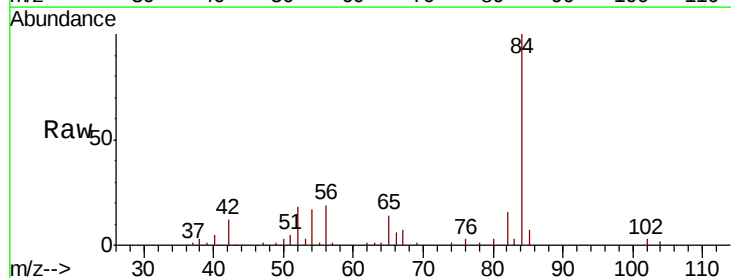
Instrument :
 MSVOA_U
 ClientSampleId :

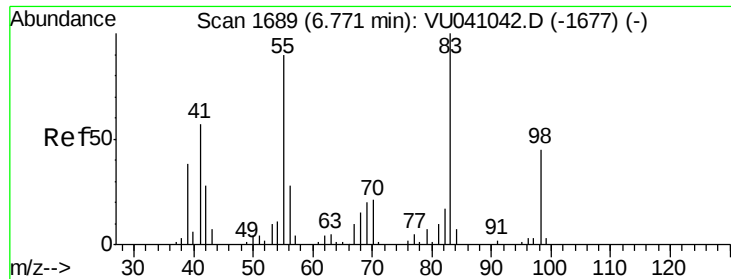
Tot Ion: 62 Resp: 346
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#33
 Benzene
 Concen: 0.024 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.05 min
 Lab File: VU041052.D
 Acq: 02 Nov 2020 15:48

Tgt Ion: 78 Resp: 398

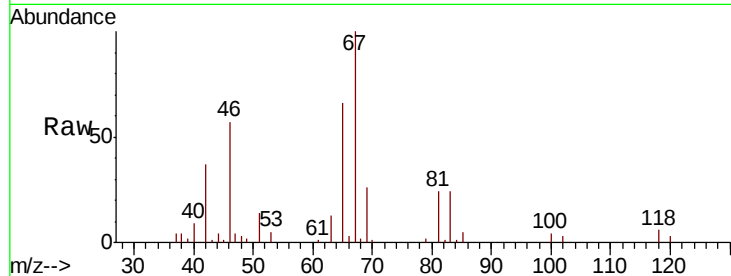




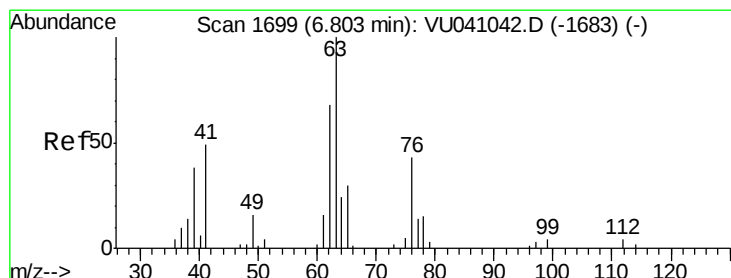
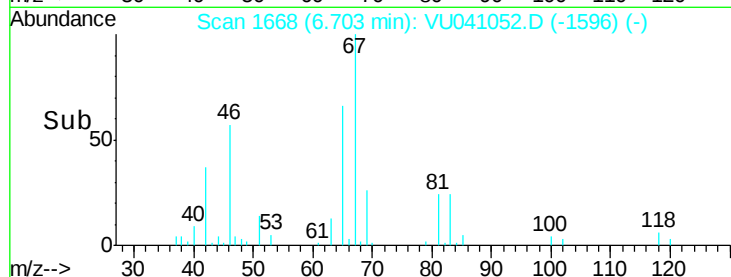
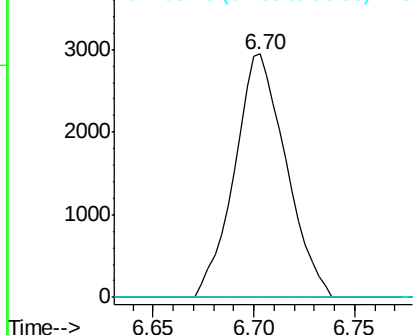
#35
Methvlcvclohexane
Concen: 0.846 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041052.D
Acq: 02 Nov 2020 15:48

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 5264
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#

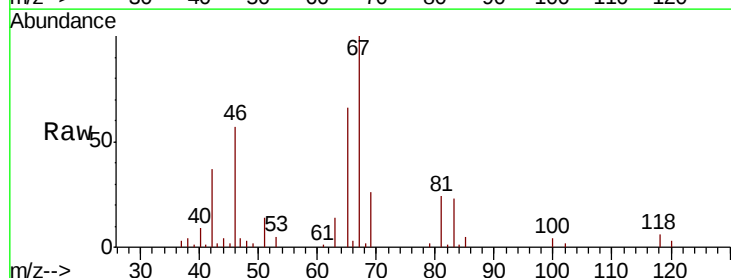


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

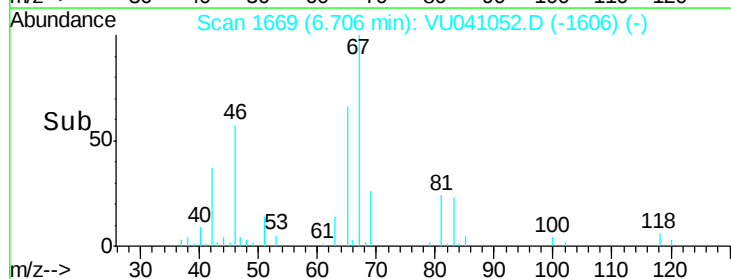
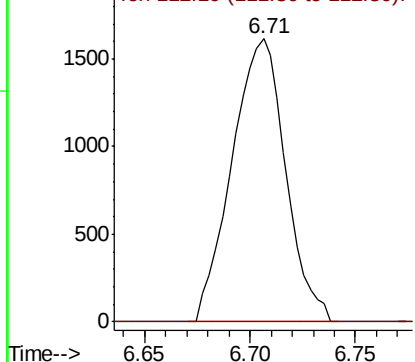


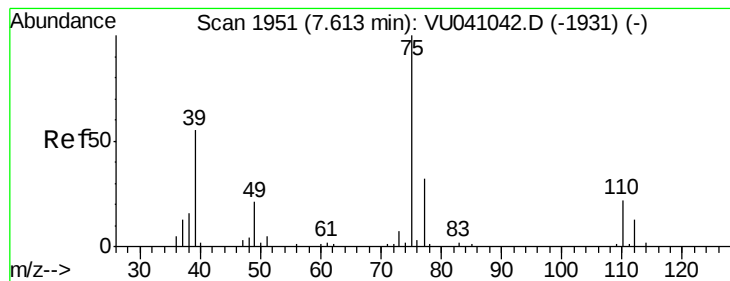
#37
1,2-Dichloropropane
Concen: 0.643 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU041052.D
Acq: 02 Nov 2020 15:48

Tgt Ion: 63 Resp: 2854
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



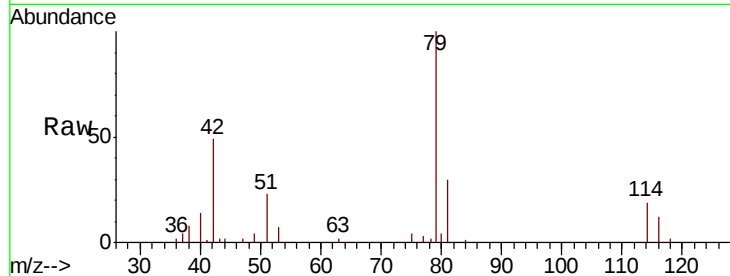


#39

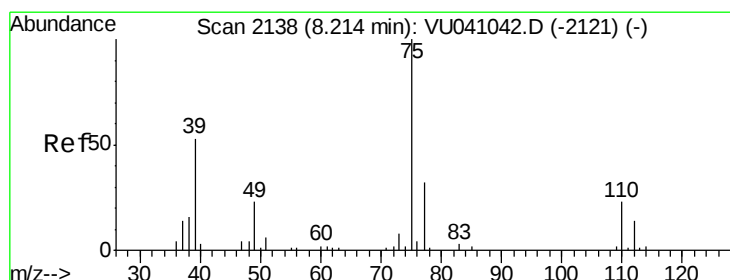
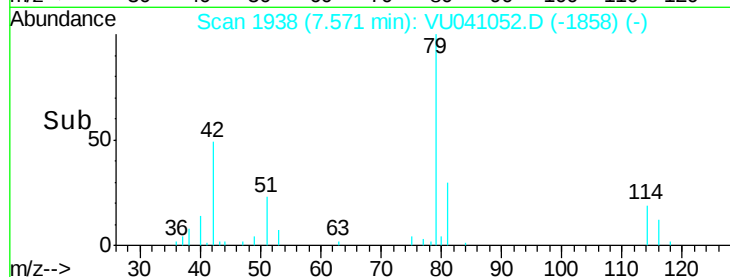
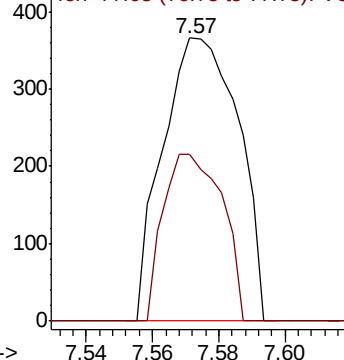
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041052.D
Acq: 02 Nov 2020 15:48

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 75 Resp: 581
Ion Ratio Lower Upper
75 100
77 58.7 22.7 42.3#



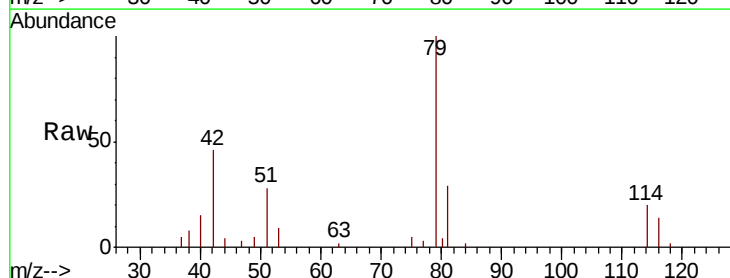
Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0



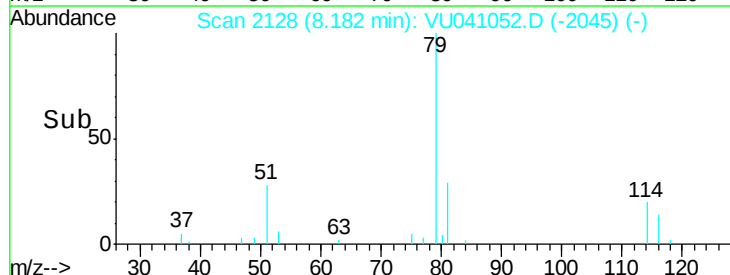
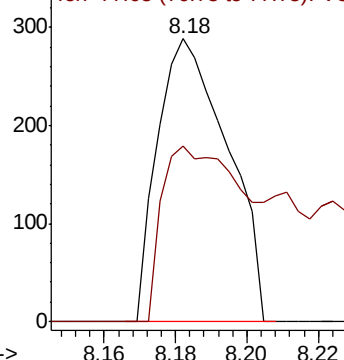
#44

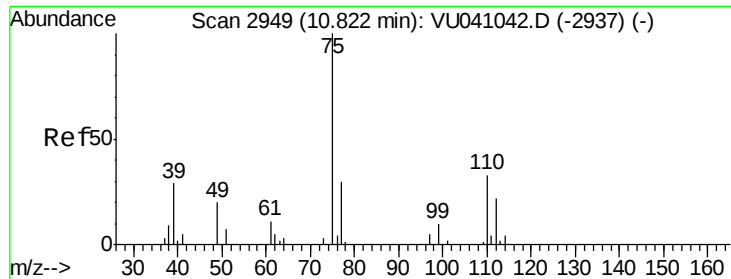
trans-1,3-Dichloropropene
Concen: 0.068 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041052.D
Acq: 02 Nov 2020 15:48

Tgt Ion: 75 Resp: 390
Ion Ratio Lower Upper
75 100
77 62.2 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0





#59

1,2,3-Trichloropropane

Concen: 0.978 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041052.D

Acq: 02 Nov 2020 15:48

Instrument :

MSVOA_U

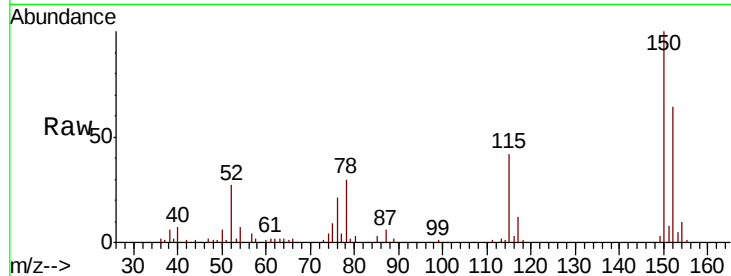
ClientSampleId :

Tot Ion: 75 Resp: 3233

Ion Ratio Lower Upper

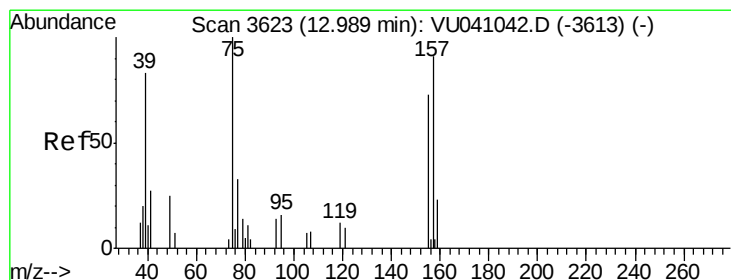
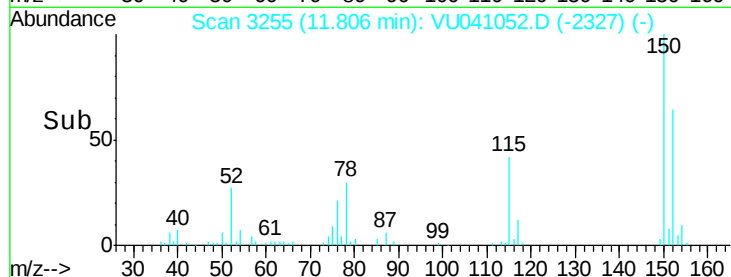
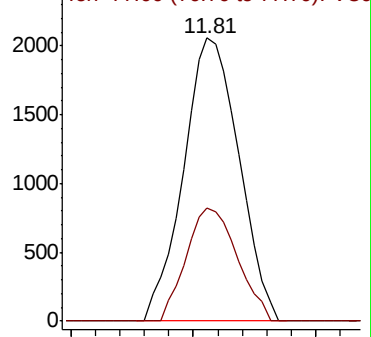
75 100

77 36.8 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#66

1,2-Dibromo-3-chloropropane

Concen: 0.138 ug/L

RT: 12.77 min Scan# 3554

Delta R.T. -0.22 min

Lab File: VU041052.D

Acq: 02 Nov 2020 15:48

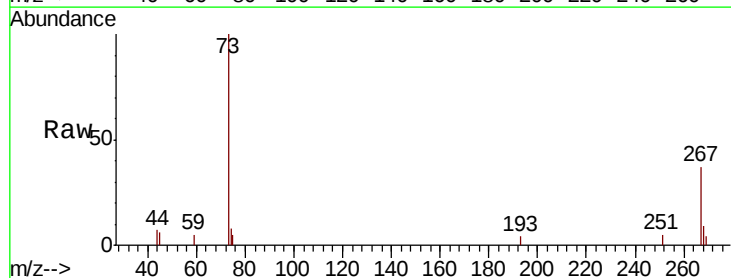
Tgt Ion: 75 Resp: 89

Ion Ratio Lower Upper

75 100

155 0.0 61.4 92.2#

157 0.0 74.2 111.4#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

