

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110220\
 Data File : VU041057.D
 Acq On : 02 Nov 2020 18:05
 Operator : SY/MD
 Sample : L4584-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 03 00:49:52 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	48639	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	49734	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21103	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19853	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.92	69	15137	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.58	63	29416	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.66	46	77099	57.30	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.60%
24) Chloroform-d	5.08	84	36455	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.72	65	24115	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.75	84	67101	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.70	67	23000	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.91	98	56064	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	8.19	79	9138	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.64	63	52423	51.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20651	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	20845	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

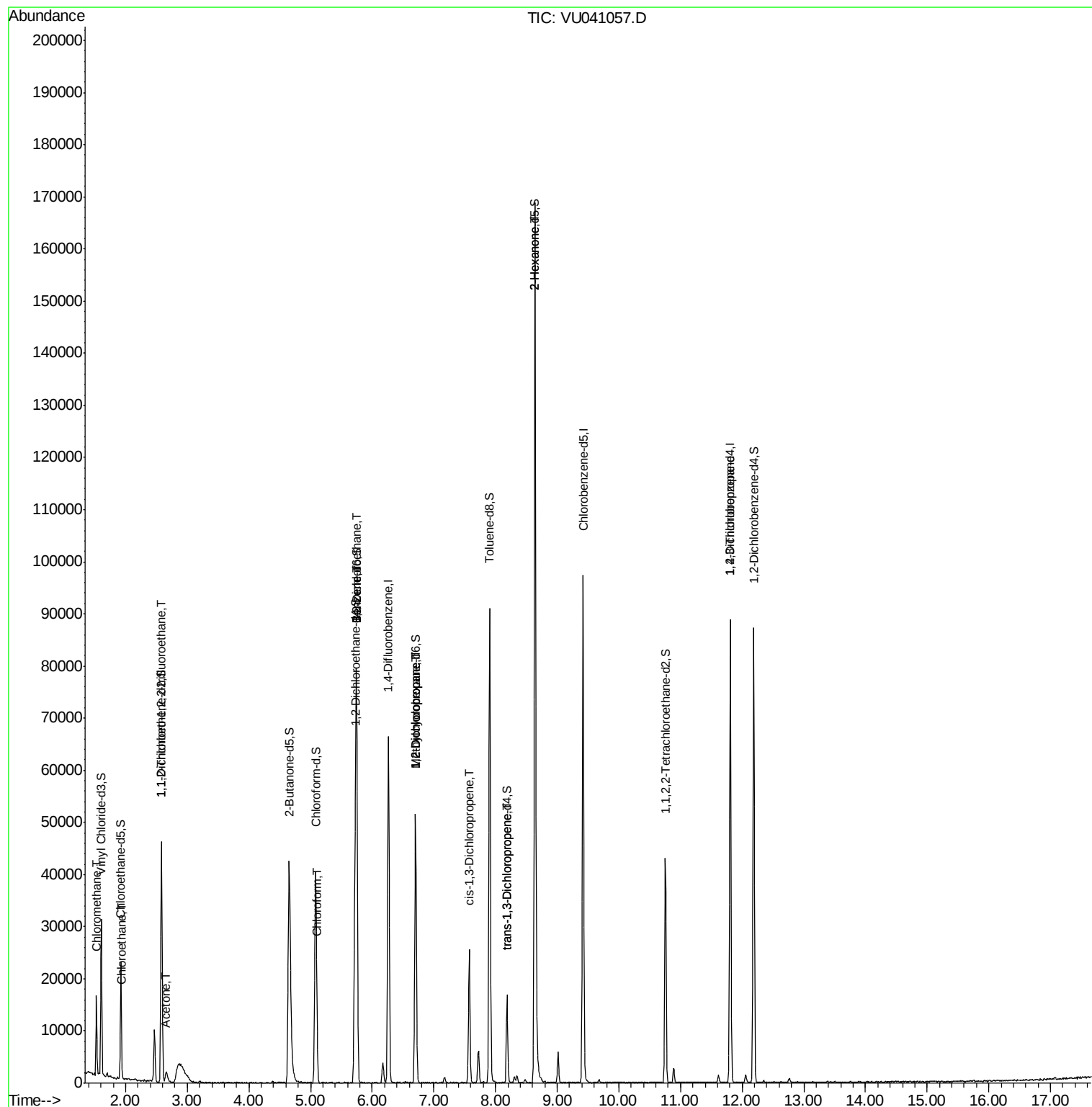
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	9809	2.118	ug/L	96
8) Chloroethane	1.94	64	277	0.096	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	193	0.053	ug/L #	22
13) Acetone	2.66	43	3997	4.345	ug/L	80
25) Chloroform	5.11	83	401	0.057	ug/L	79
27) 1,2-Dichloroethane	5.75	62	380	0.073	ug/L #	74
33) Benzene	5.75	78	467	0.031	ug/L	100
35) Methylcyclohexane	6.71	83	5101	0.904	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2769	0.689	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	716	0.129	ug/L #	75
44) trans-1,3-Dichloropropene	8.18	75	378	0.073	ug/L #	77
48) 2-Hexanone	8.64	43	7829	3.243	ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	2929	0.977	ug/L	97

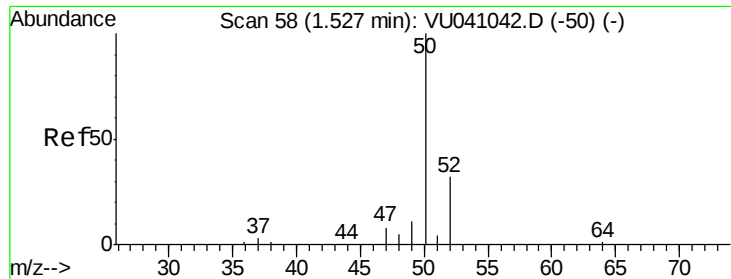
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 2.118 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU041057.D

Acq: 02 Nov 2020 18:05

Instrument :

MSVOA_U

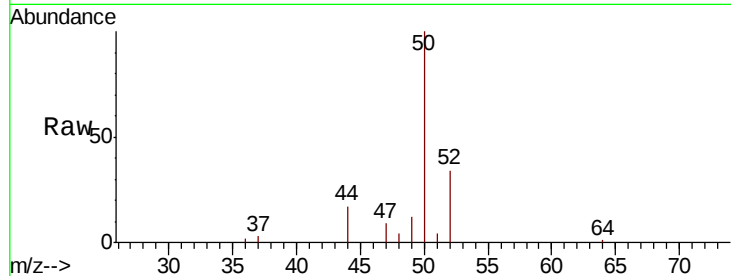
ClientSampleId :

Tot Ion: 50 Resp: 9809

Ion Ratio Lower Upper

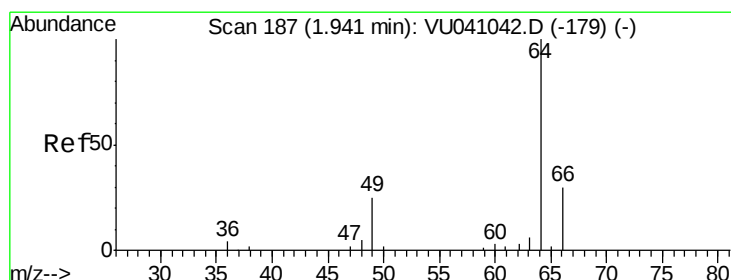
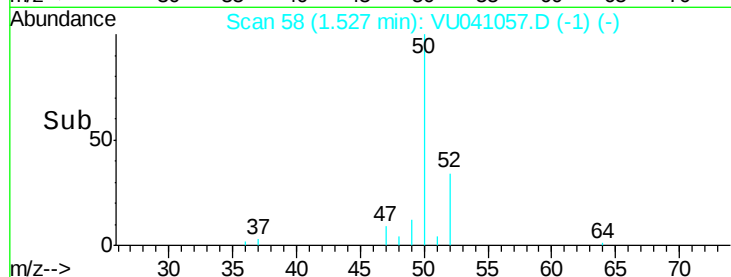
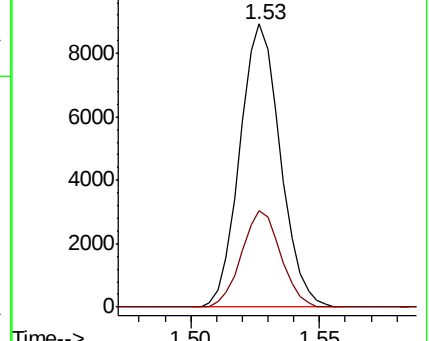
50 100

52 34.2 22.4 41.6



Abundance Ion 50.05 (49.75 to 50.75): VU041057.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU041057.D (-1) (-)



#8

Chloroethane

Concen: 0.096 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU041057.D

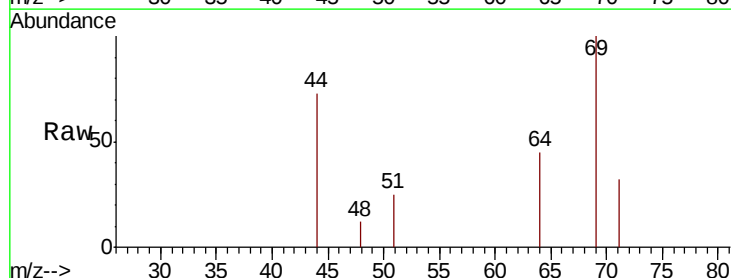
Acq: 02 Nov 2020 18:05

Tgt Ion: 64 Resp: 277

Ion Ratio Lower Upper

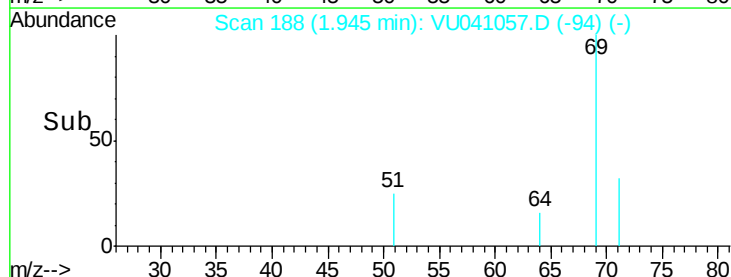
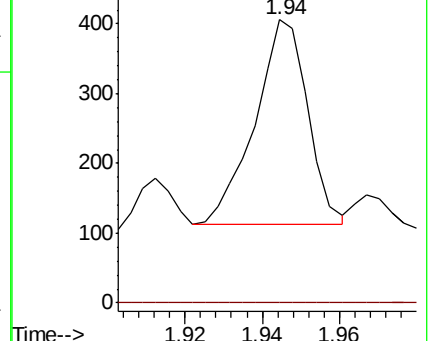
64 100

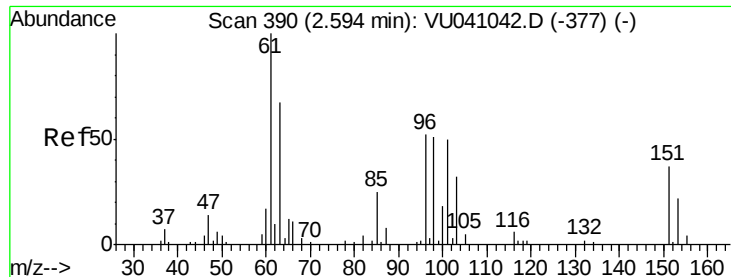
66 0.0 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VU041057.D (-94) (-)

Ion 66.05 (65.75 to 66.75): VU041057.D (-94) (-)





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.053 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU041057.D

Acq: 02 Nov 2020 18:05

Instrument :

MSVOA_U

ClientSampleId :

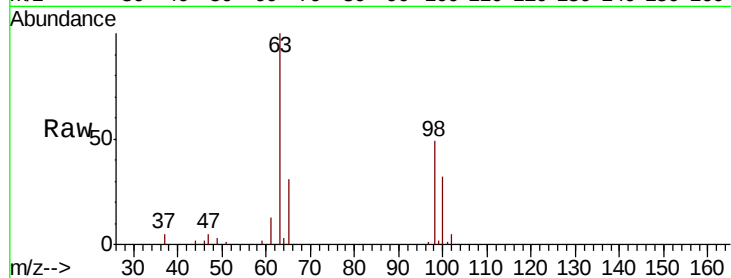
Tot Ion:101 Resp: 193

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

151 0.0 55.3 82.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.59

150

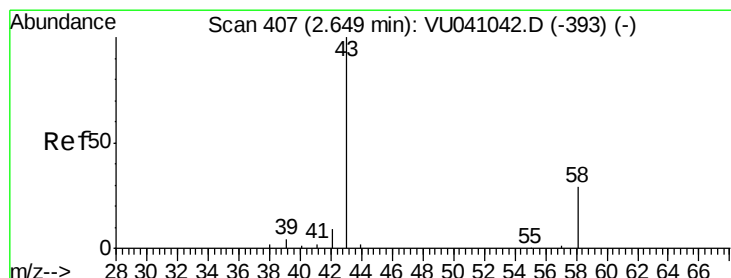
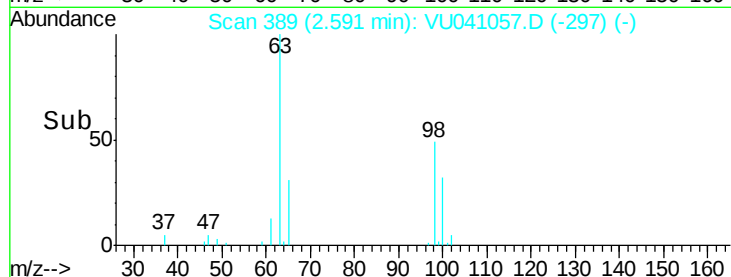
100

50

0

2.56 2.58 2.60

Time-->



#13

Acetone

Concen: 4.345 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU041057.D

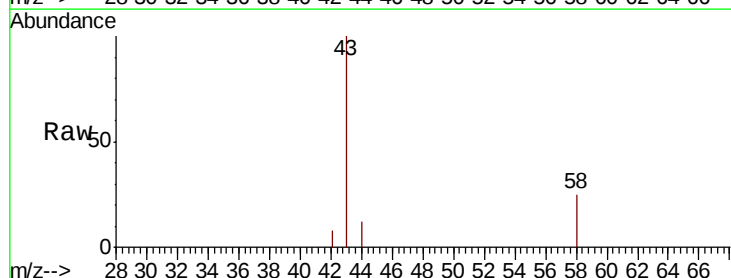
Acq: 02 Nov 2020 18:05

Tgt Ion: 43 Resp: 3997

Ion Ratio Lower Upper

43 100

58 20.5 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

1500

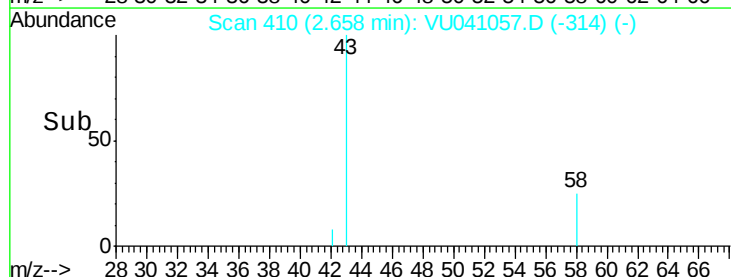
1000

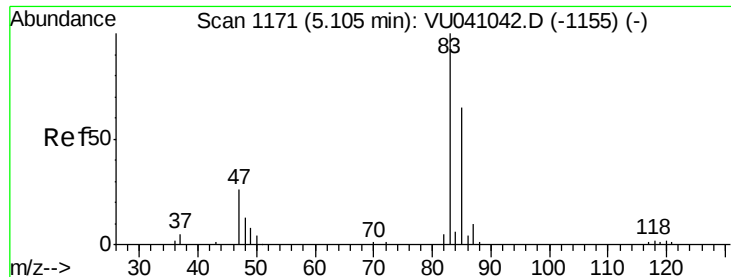
500

0

2.60 2.65 2.70

Time-->

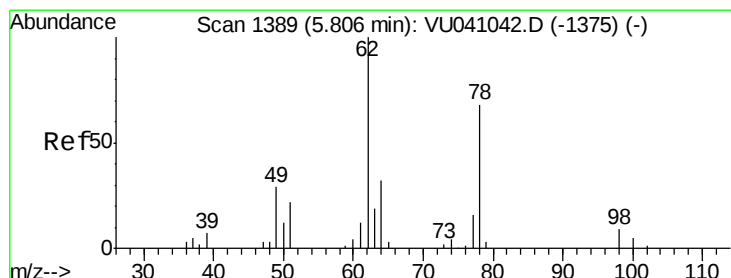
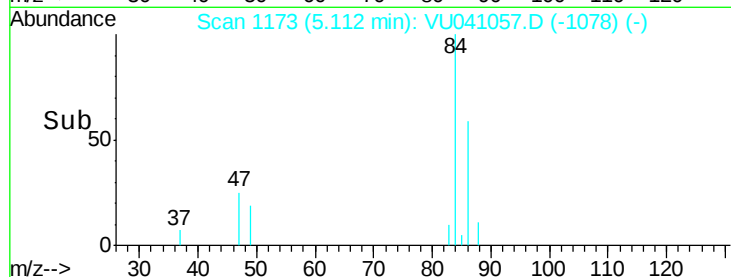
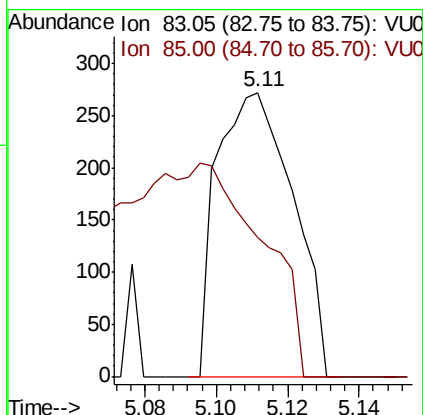
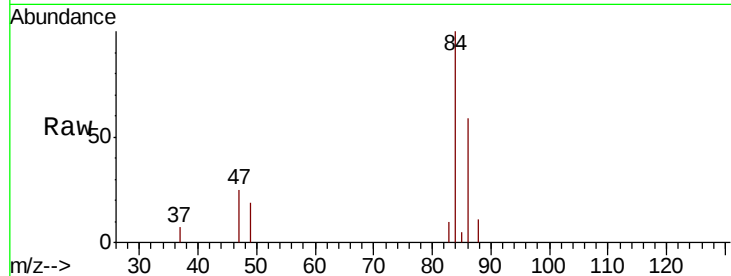




#25
Chloroform
Concen: 0.057 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU041057.D
Acq: 02 Nov 2020 18:05

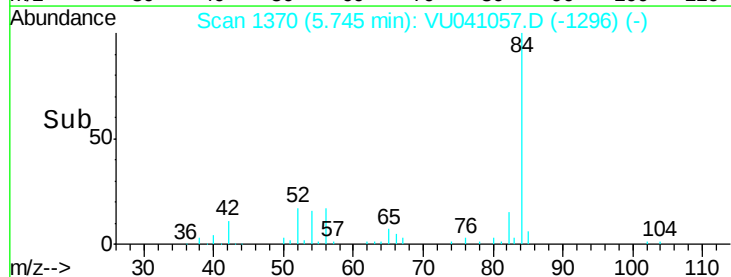
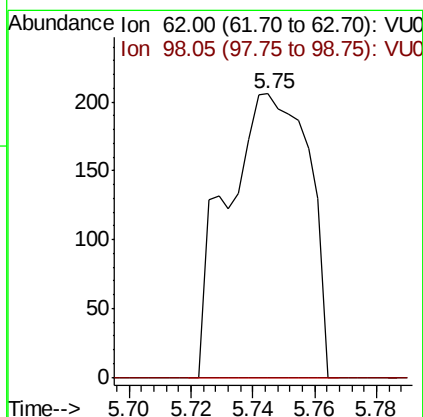
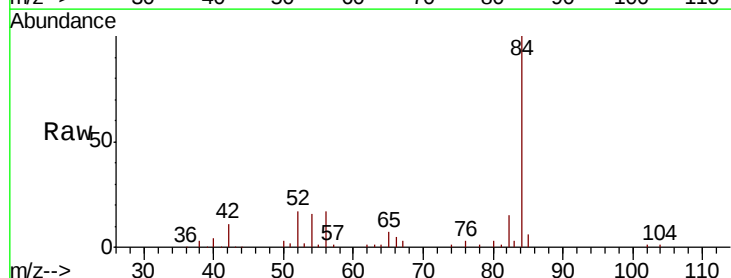
Instrument :
MSVOA_U
ClientSampled :

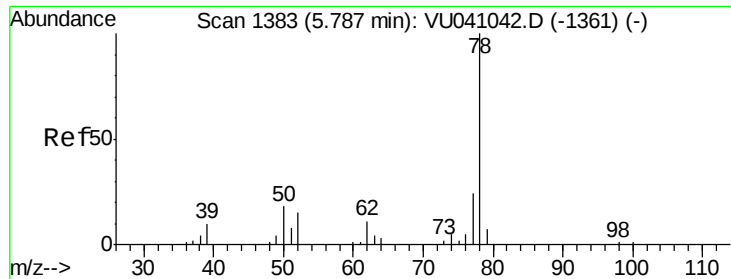
Tot Ion: 83 Resp: 401
Ion Ratio Lower Upper
83 100
85 48.9 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.073 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU041057.D
Acq: 02 Nov 2020 18:05

Tgt Ion: 62 Resp: 380
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#

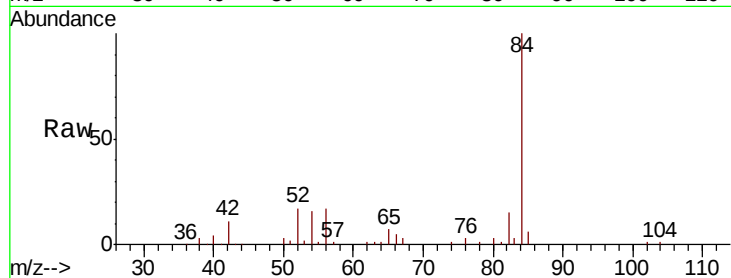




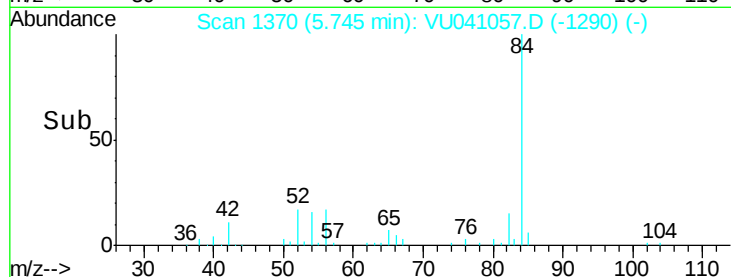
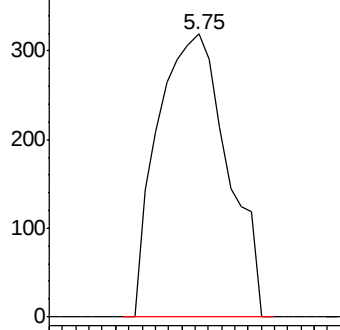
#33
Benzene
Concen: 0.031 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.04 min
Lab File: VU041057.D
Acq: 02 Nov 2020 18:05

Instrument :
MSVOA_U
ClientSampled :

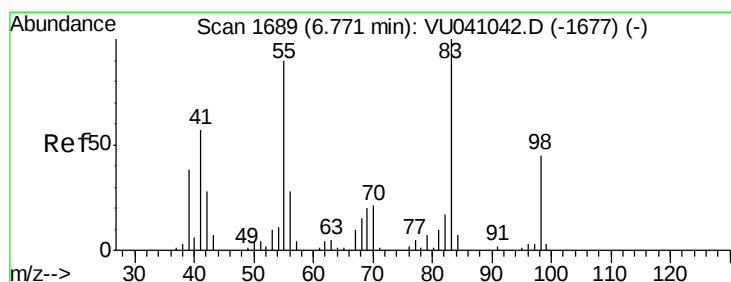
Tgt Ion: 78 Resp: 467



Abundance Ion 78.10 (77.80 to 78.80): VU0

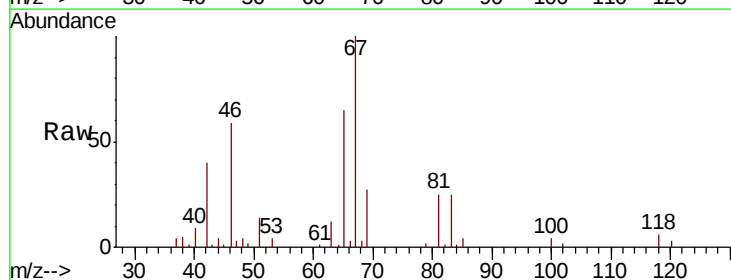


Time-->



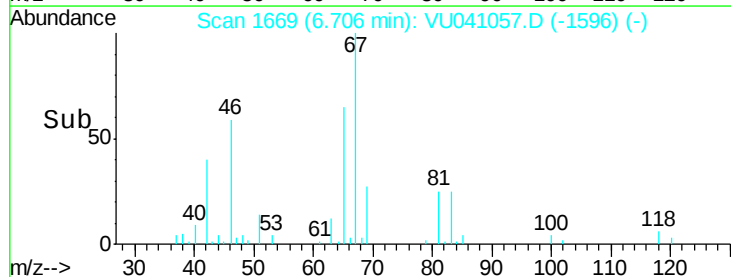
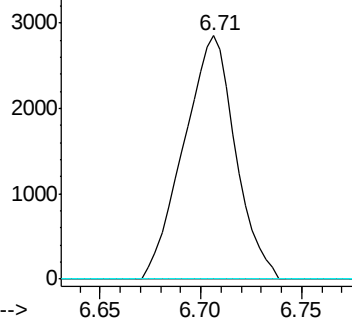
#35
Methylcyclohexane
Concen: 0.904 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.06 min
Lab File: VU041057.D
Acq: 02 Nov 2020 18:05

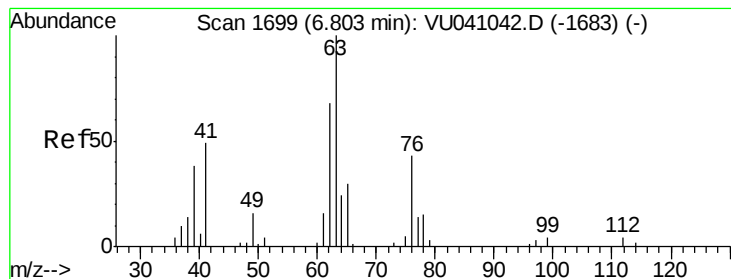
Tgt Ion: 83 Resp: 5101
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#



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: 0.689 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU041057.D

Acq: 02 Nov 2020 18:05

Instrument :

MSVOA_U

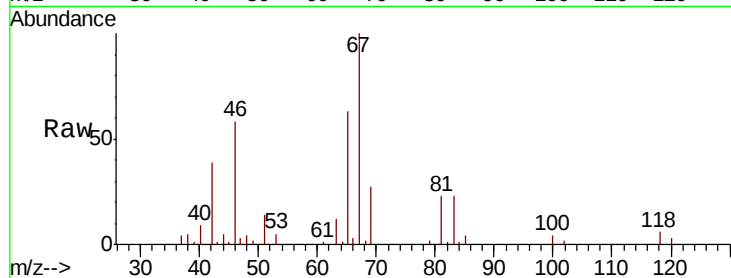
ClientSampleId :

Tot Ion: 63 Resp: 2769

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU041042.D (-1683) (-)

Ion 112.10 (111.80 to 112.80): VU041042.D (-1683) (-)

6.70

1500

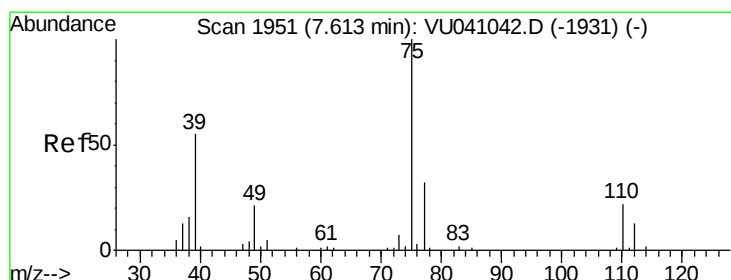
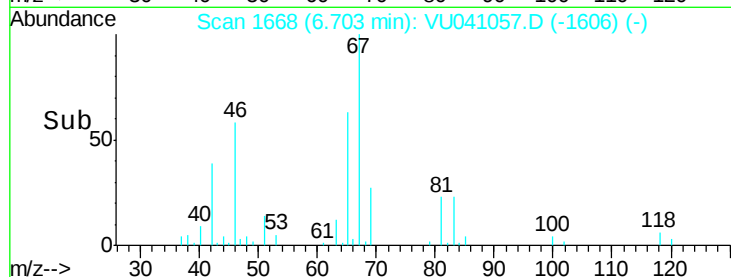
1000

500

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.129 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU041057.D

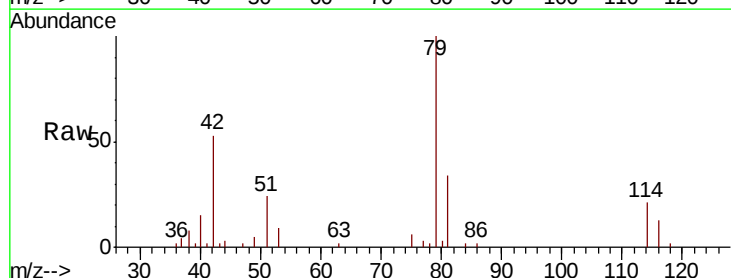
Acq: 02 Nov 2020 18:05

Tgt Ion: 75 Resp: 716

Ion Ratio Lower Upper

75 100

77 46.7 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU041042.D (-1931) (-)

Ion 77.05 (76.75 to 77.75): VU041042.D (-1931) (-)

7.57

500

400

300

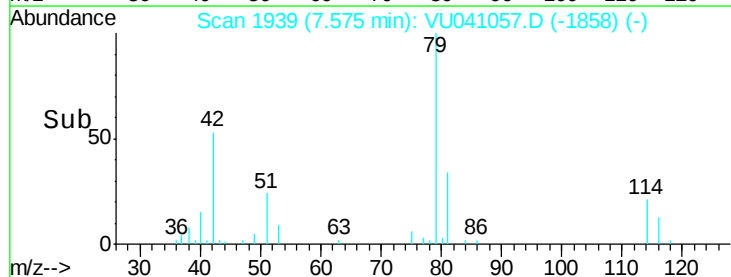
200

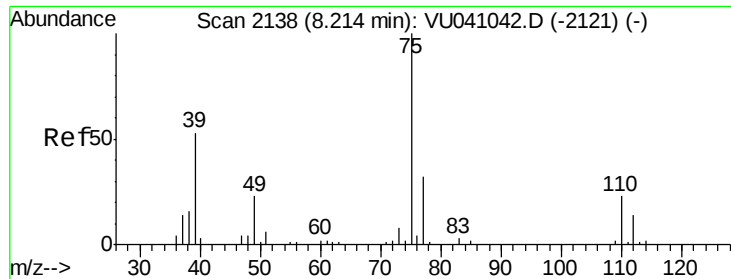
100

0

7.54 7.56 7.58 7.60

Time-->

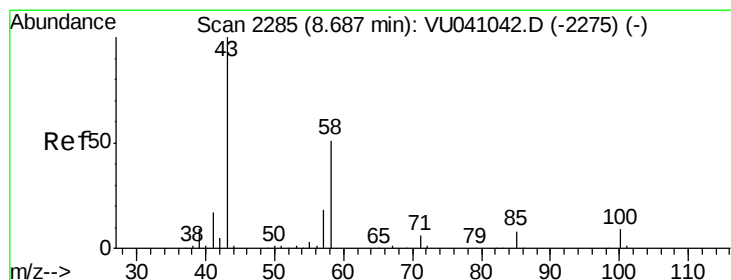
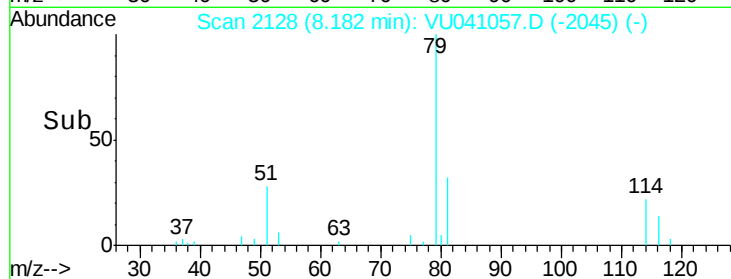
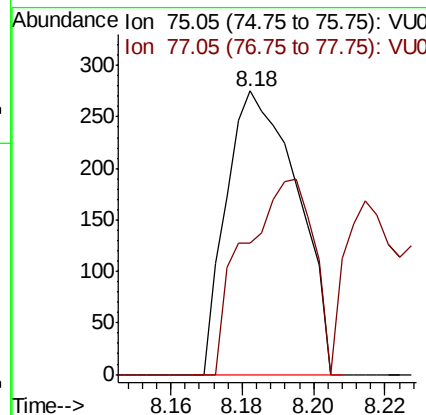
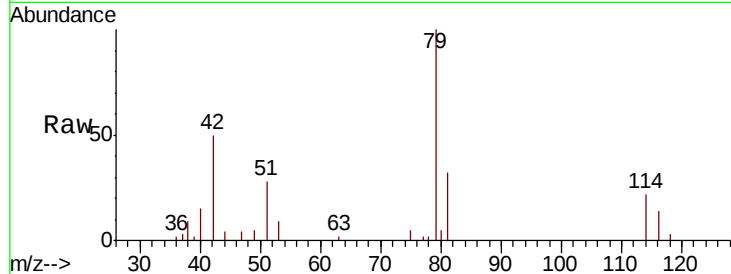




#44
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041057.D
Acq: 02 Nov 2020 18:05

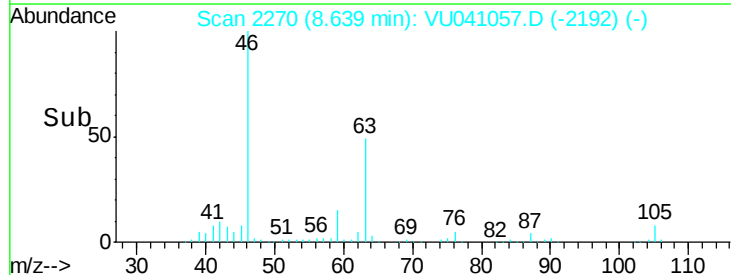
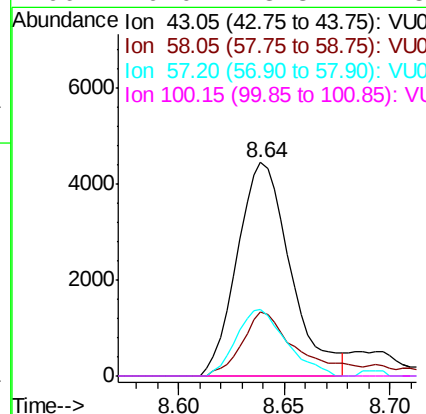
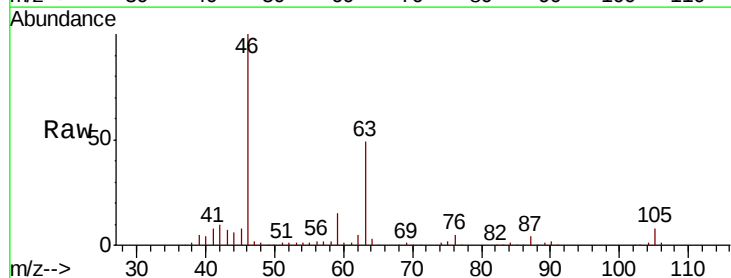
Instrument :
MSVOA_U
ClientSampled :

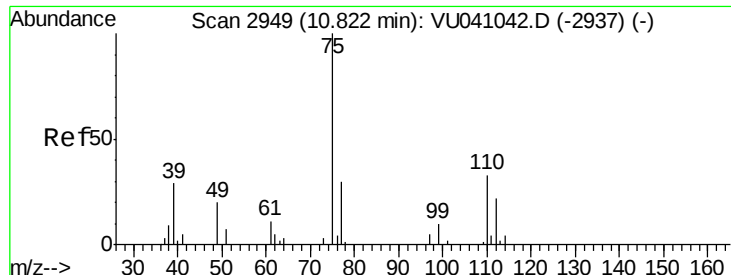
Tot Ion: 75 Resp: 378
Ion Ratio Lower Upper
75 100
77 46.2 23.3 43.3#



#48
2-Hexanone
Concen: 3.243 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041057.D
Acq: 02 Nov 2020 18:05

Tgt Ion: 43 Resp: 7829
Ion Ratio Lower Upper
43 100
58 31.1 41.4 62.2#
57 29.2 14.6 21.8#
100 0.0 8.3 12.5#





#59

1,2,3-Trichloropropane

Concen: 0.977 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041057.D

Acq: 02 Nov 2020 18:05

Instrument :

MSVOA_U

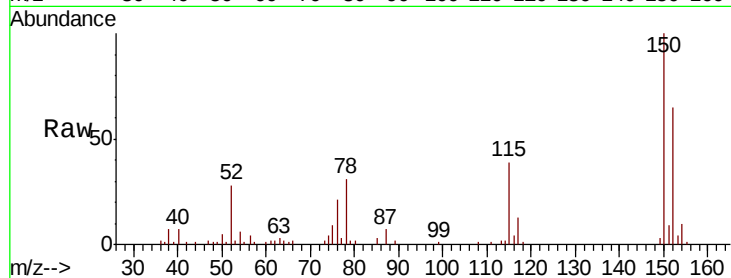
ClientSampleId :

Tot Ion: 75 Resp: 2929

Ion Ratio Lower Upper

75 100

77 33.5 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

