

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100220\
 Data File : VU040469.D
 Acq On : 02 Oct 2020 19:02
 Operator : SY/MD
 Sample : L4185-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 00:19:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 03 00:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	118467	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	117719	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51574	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31876	5.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.80%
7) Chloroethane-d5	1.92	69	27027	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.58	63	51457	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	4.66	46	135869	46.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.28%
24) Chloroform-d	5.08	84	67613	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.72	65	44250	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.75	84	132284	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.70	67	45737	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.91	98	111277	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
43) trans-1,3-Dichloropropene-	8.19	79	18531	5.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.00%
46) 2-Hexanone-d5	8.64	63	92171	44.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38081	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	44630	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

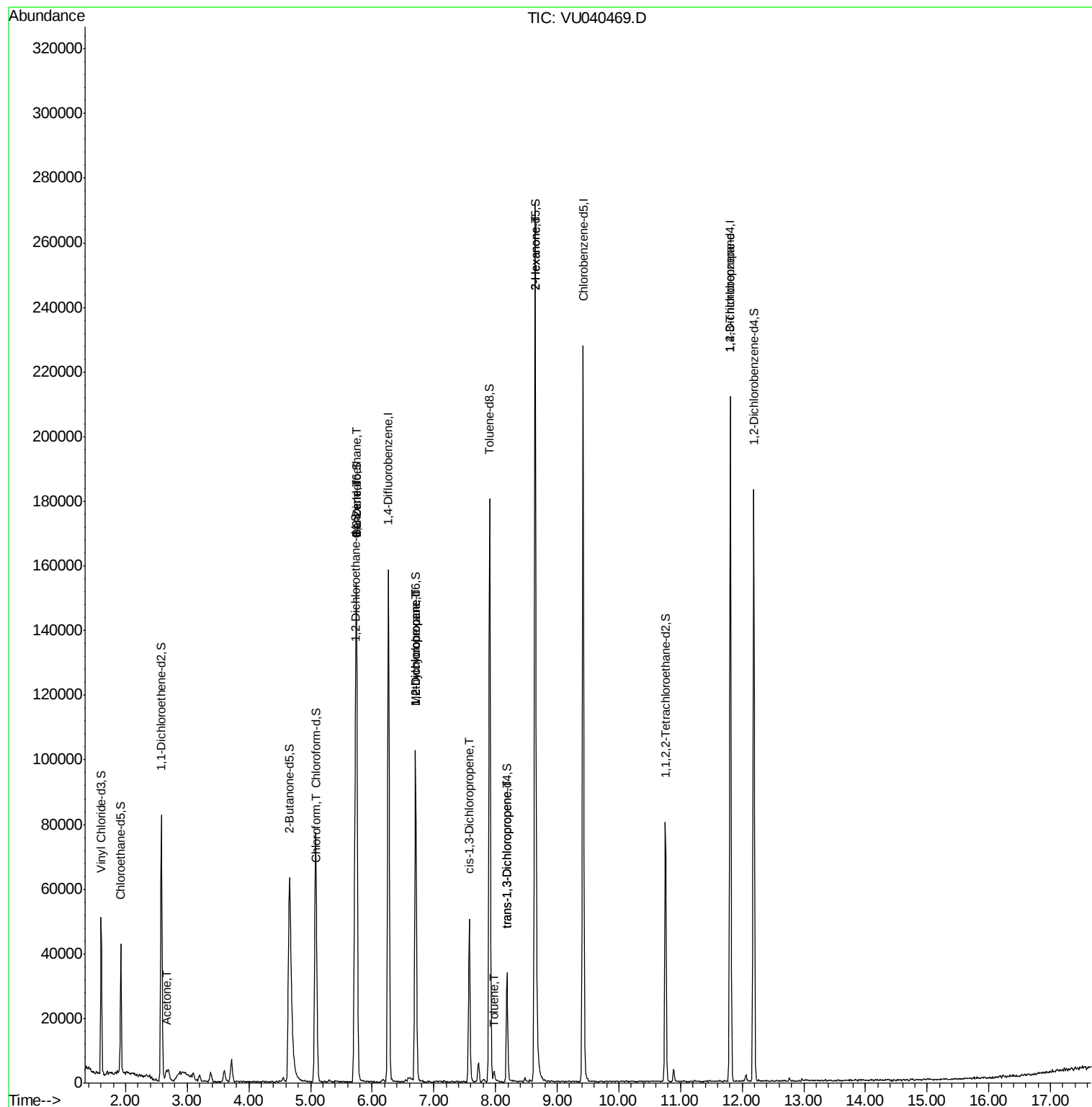
					Ovalue
13) Acetone	2.67	43	8867	3.652 ug/L	64
25) Chloroform	5.11	83	3147	0.161 ug/L	91
27) 1,2-Dichloroethane	5.74	62	791	0.058 ug/L #	74
33) Benzene	5.75	78	1149	0.029 ug/L	100
35) Methylcyclohexane	6.71	83	10157	0.661 ug/L #	14
37) 1,2-Dichloropropane	6.71	63	5354	0.487 ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1326	0.090 ug/L	87
42) Toluene	7.98	91	2100	0.052 ug/L	83
44) trans-1,3-Dichloropropene	8.19	75	889	0.065 ug/L #	57
48) 2-Hexanone	8.64	43	13252	2.089 ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	7381	0.926 ug/L	94

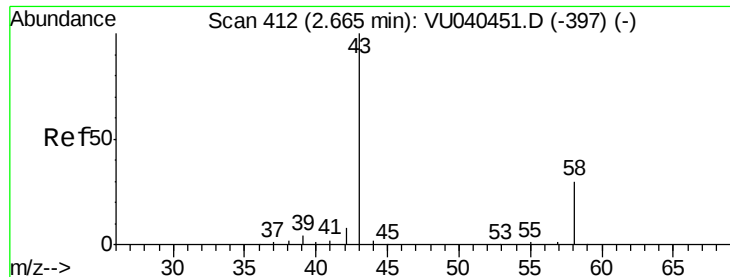
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 03 00:09:31 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.652 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU040469.D

Acq: 02 Oct 2020 19:02

Instrument :

MSVOA_U

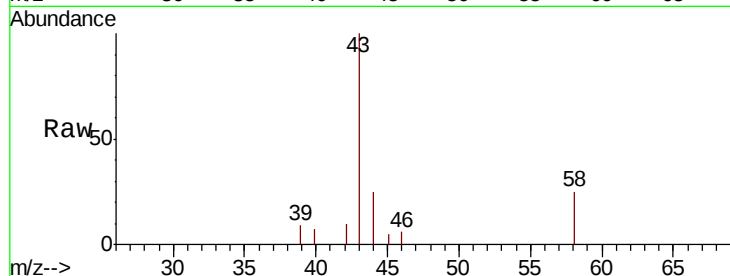
ClientSampleId :

Tot Ion: 43 Resp: 8867

Ion Ratio Lower Upper

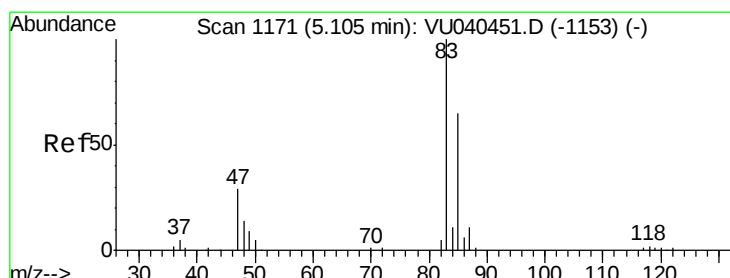
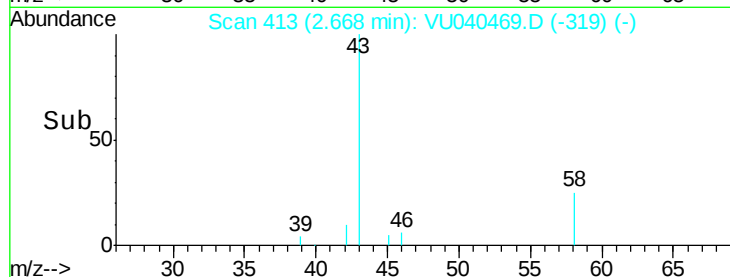
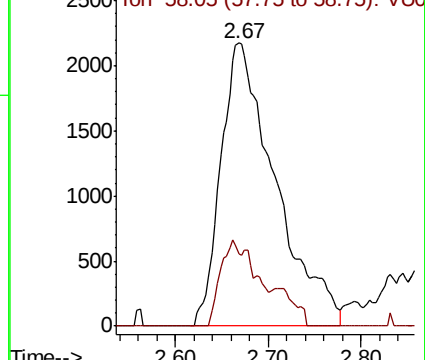
43 100

58 11.2 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU040451.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU040451.D (-397) (-)



#25

Chloroform

Concen: 0.161 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040469.D

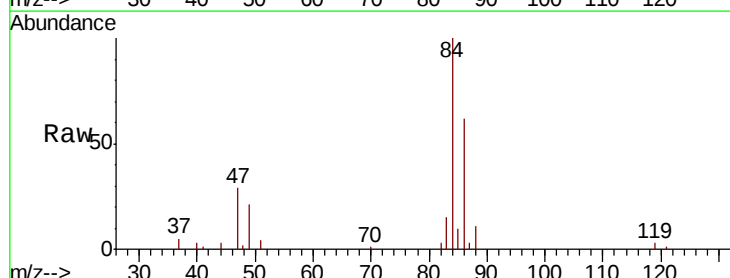
Acq: 02 Oct 2020 19:02

Tgt Ion: 83 Resp: 3147

Ion Ratio Lower Upper

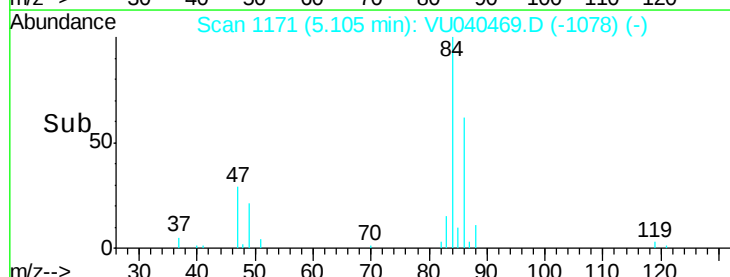
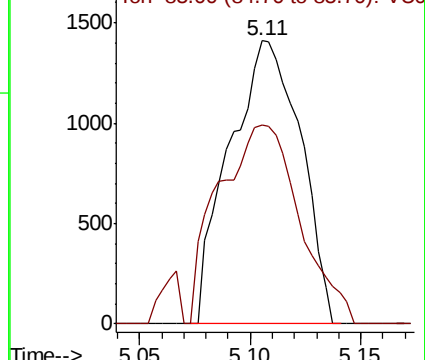
83 100

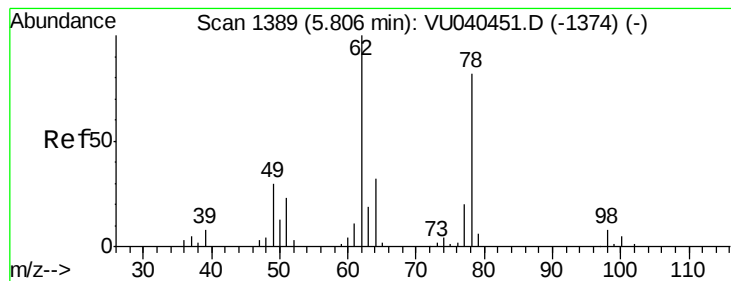
85 70.4 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU040451.D (-1153) (-)

Ion 85.00 (84.70 to 85.70): VU040451.D (-1153) (-)





#27

1,2-Dichloroethane

Concen: 0.058 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.06 min

Lab File: VU040469.D

Acq: 02 Oct 2020 19:02

Instrument :

MSVOA_U

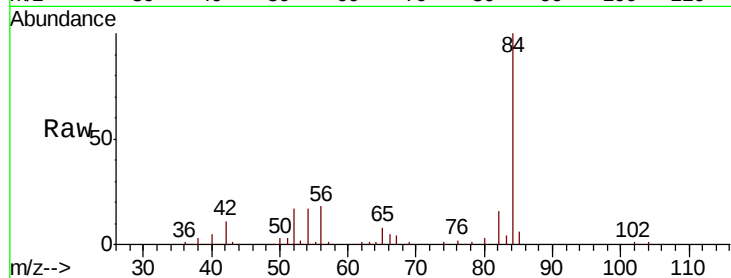
ClientSampleId :

Tot Ion: 62 Resp: 791

Ion Ratio Lower Upper

62 100

98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

5.74

400

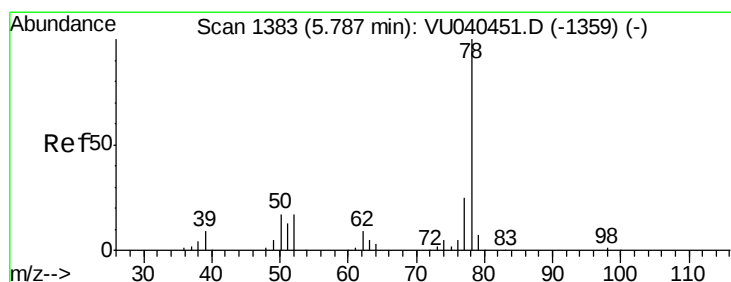
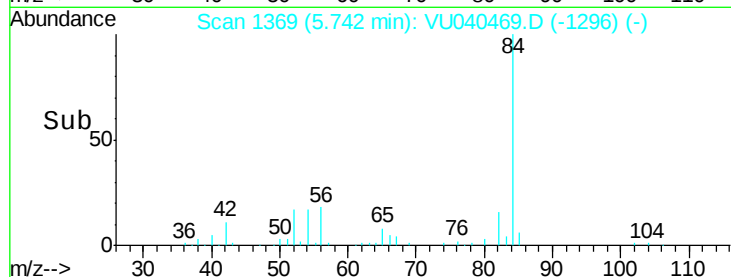
300

200

100

0

Time-->



#33

Benzene

Concen: 0.029 ug/L

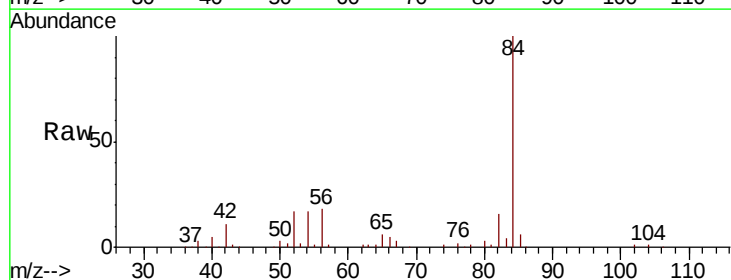
RT: 5.75 min Scan# 1370

Delta R.T. -0.04 min

Lab File: VU040469.D

Acq: 02 Oct 2020 19:02

Tgt Ion: 78 Resp: 1149



Abundance Ion 78.10 (77.80 to 78.80): VU0

5.75

600

500

400

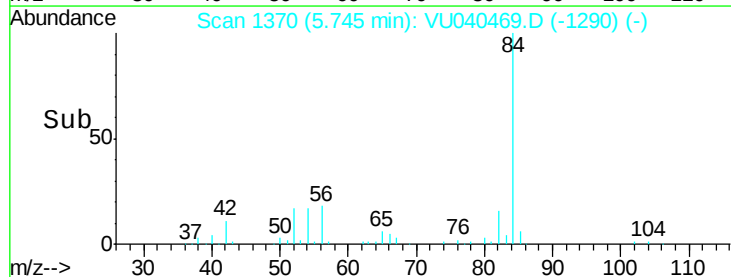
300

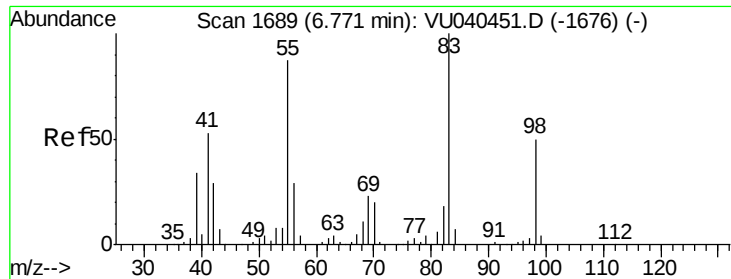
200

100

0

Time-->

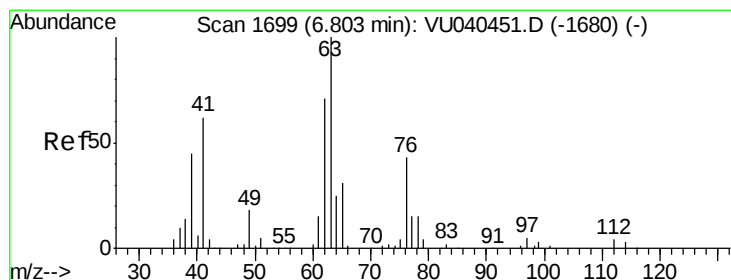
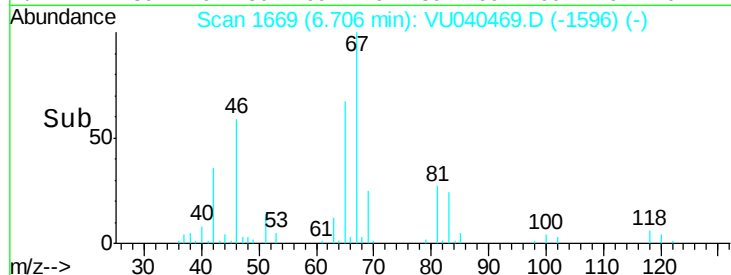
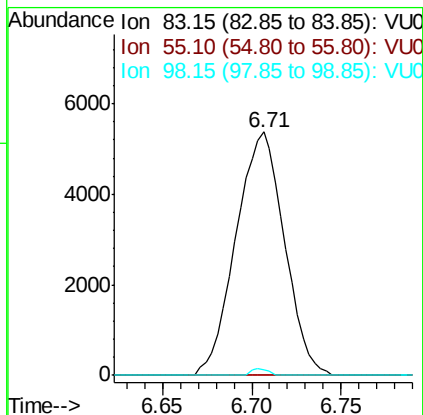
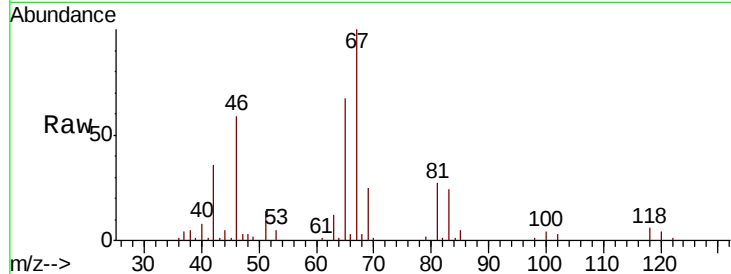




#35
Methvlcvclohexane
Concen: 0.661 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.06 min
Lab File: VU040469.D
Acq: 02 Oct 2020 19:02

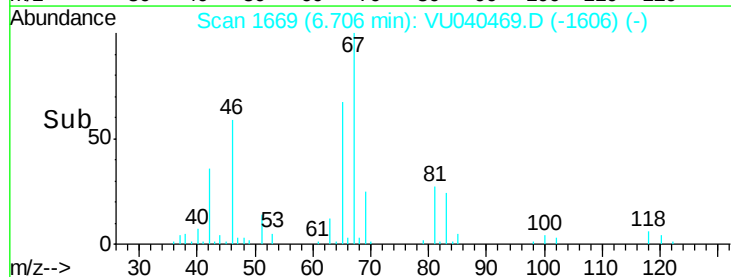
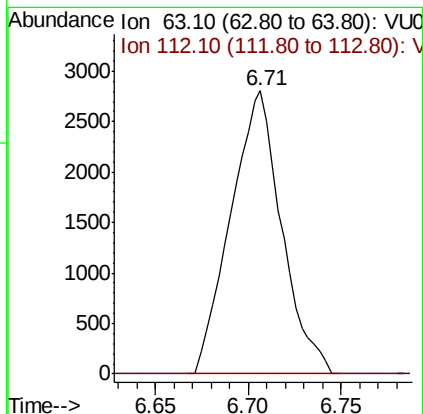
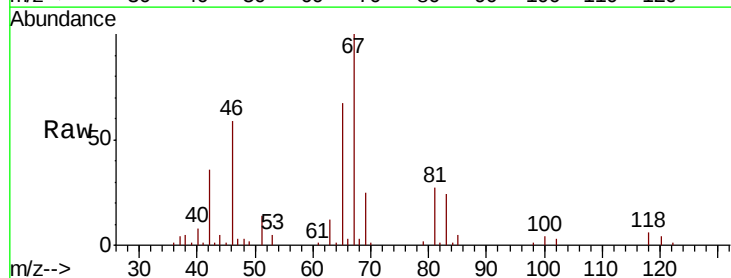
Instrument :
MSVOA_U
ClientSampleId :

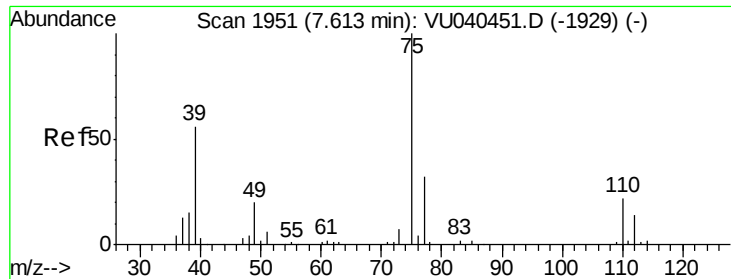
Tot Ion: 83 Resp: 10157
Ion Ratio Lower Upper
83 100
55 0.6 71.4 107.2#
98 0.9 38.5 57.7#



#37
1,2-Dichloropropane
Concen: 0.487 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU040469.D
Acq: 02 Oct 2020 19:02

Tgt Ion: 63 Resp: 5354
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

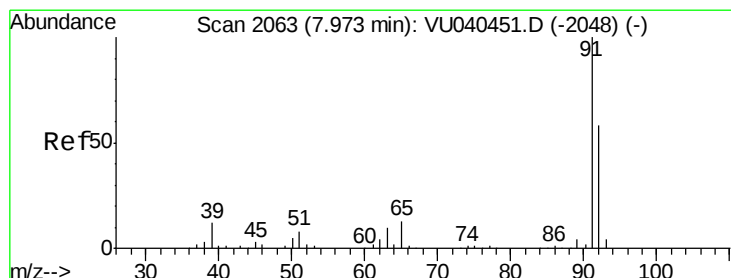
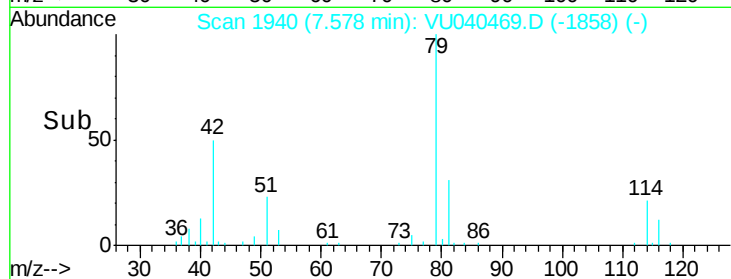
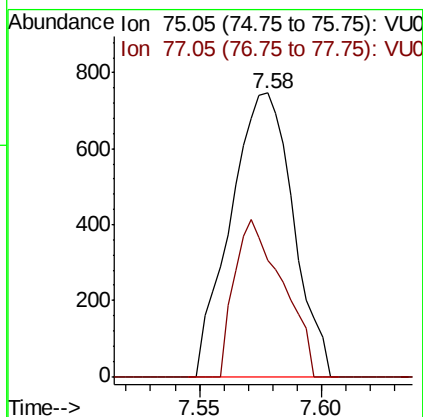
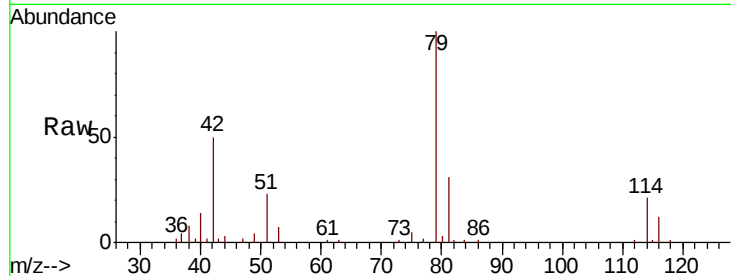




#39
 cis-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040469.D
 Acq: 02 Oct 2020 19:02

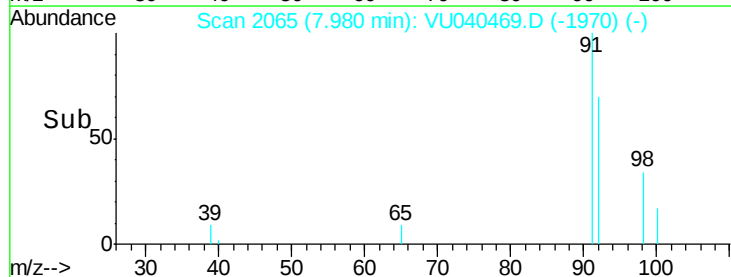
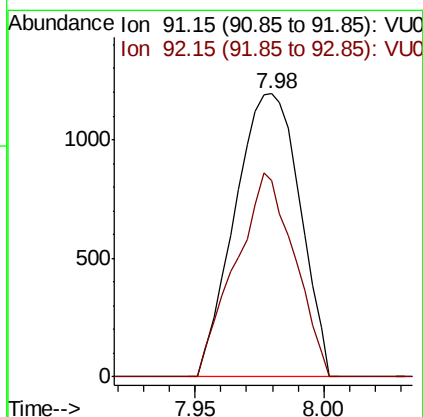
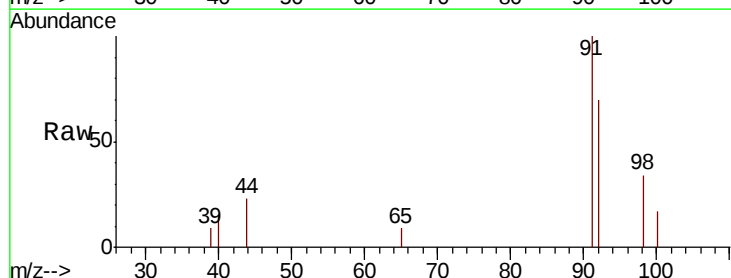
Instrument :
 MSVOA_U
 ClientSampled :

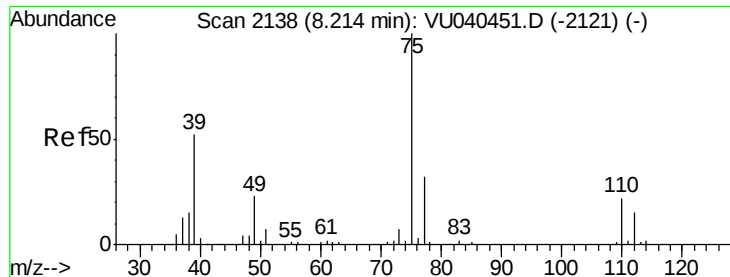
Tot Ion: 75 Resp: 1326
 Ion Ratio Lower Upper
 75 100
 77 40.8 23.5 43.7



#42
 Toluene
 Concen: 0.052 ug/L
 RT: 7.98 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VU040469.D
 Acq: 02 Oct 2020 19:02

Tgt Ion: 91 Resp: 2100
 Ion Ratio Lower Upper
 91 100
 92 69.6 40.0 74.4





#44

trans-1,3-Dichloropropene

Concen: 0.065 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040469.D

Acq: 02 Oct 2020 19:02

Instrument :

MSVOA_U

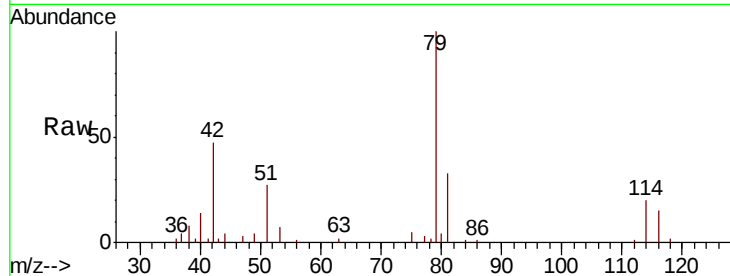
ClientSampleId :

Tot Ion: 75 Resp: 889

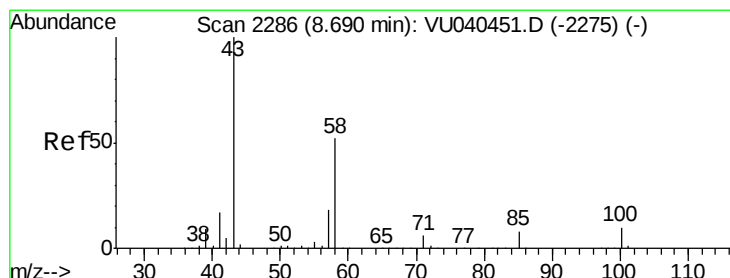
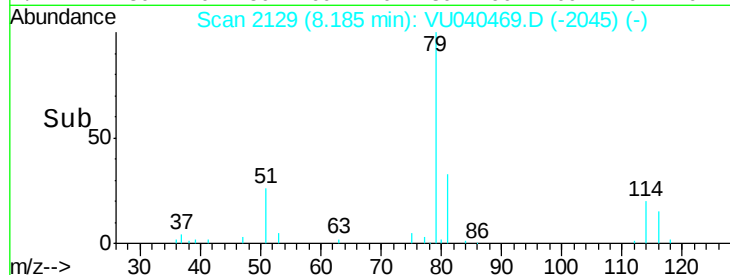
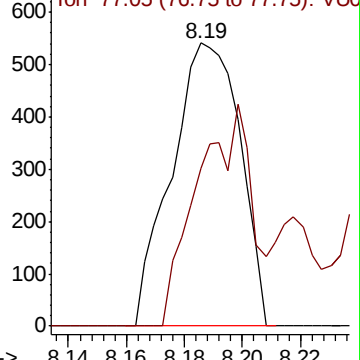
Ion Ratio Lower Upper

75 100

77 55.6 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU040451.D (-2121) (-)



#48

2-Hexanone

Concen: 2.089 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040469.D

Acq: 02 Oct 2020 19:02

Tgt Ion: 43 Resp: 13252

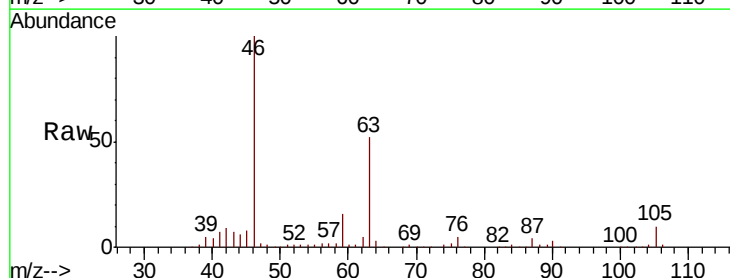
Ion Ratio Lower Upper

43 100

58 26.4 41.0 61.4#

57 27.5 14.6 22.0#

100 0.3 8.2 12.4#

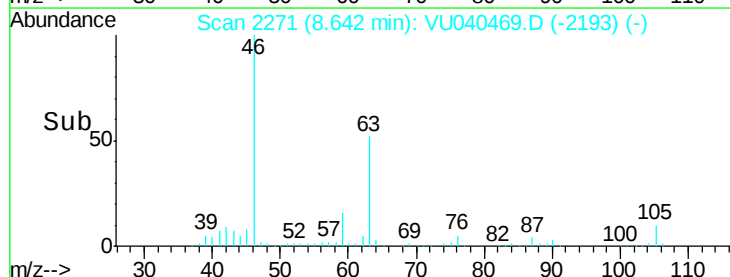
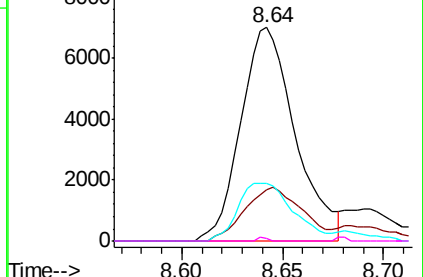


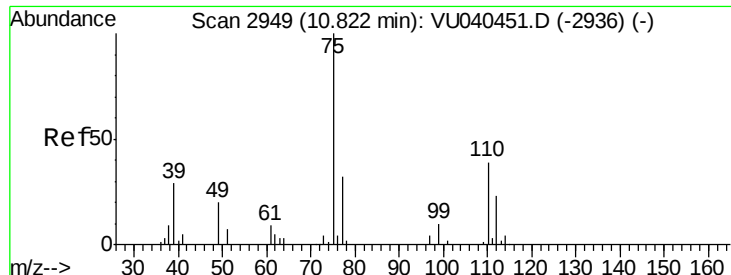
Abundance Ion 43.05 (42.75 to 43.75): VU040451.D (-2275) (-)

Ion 58.05 (57.75 to 58.75): VU040451.D (-2275) (-)

Ion 57.20 (56.90 to 57.90): VU040451.D (-2275) (-)

Ion 100.15 (99.85 to 100.85): VU040451.D (-2275) (-)





#59

1,2,3-Trichloropropane

Concen: 0.926 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040469.D

Acq: 02 Oct 2020 19:02

Instrument :

MSVOA_U

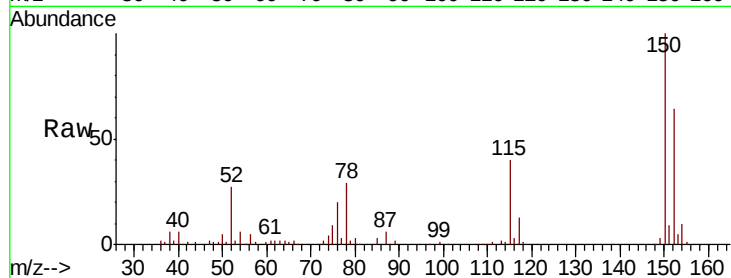
ClientSampleId :

Tot Ion: 75 Resp: 7381

Ion Ratio Lower Upper

75 100

77 35.7 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

