

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100320\
 Data File : VU040486.D
 Acq On : 03 Oct 2020 17:51
 Operator : SY/MD
 Sample : L4240-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Z6

Quant Time: Oct 05 01:04:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 05 00:56:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121777	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53479	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30398	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.93	69	26504	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.58	63	50582	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.66	46	145159	48.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.94%
24) Chloroform-d	5.08	84	67285	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.72	65	43857	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.75	84	130903	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.70	67	43375	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.91	98	106097	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	8.19	79	17816	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.64	63	96722	45.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.22%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	40710	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	42206	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

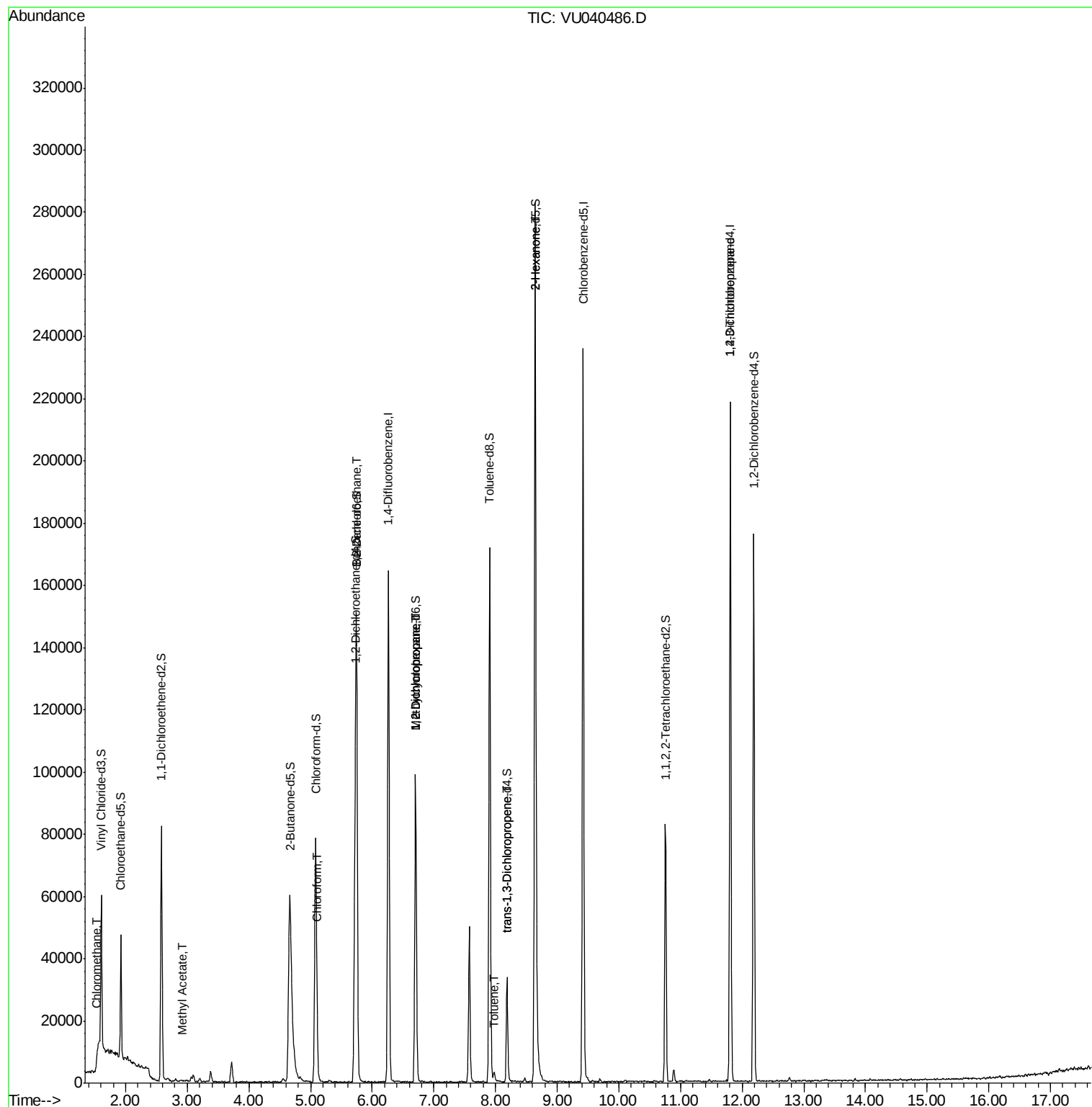
					Ovalue
3) Chloromethane	1.53	50	628	0.052 ug/L	91
15) Methyl Acetate	2.92	43	771	0.128 ug/L #	56
25) Chloroform	5.11	83	2012	0.100 ug/L #	53
27) 1,2-Dichloroethane	5.74	62	520	0.037 ug/L #	74
35) Methylcyclohexane	6.70	83	10482	0.661 ug/L #	13
37) 1,2-Dichloropropane	6.70	63	5256	0.463 ug/L #	88
42) Toluene	7.97	91	1942	0.047 ug/L	93
44) trans-1,3-Dichloropropene	8.19	75	789	0.056 ug/L	96
48) 2-Hexanone	8.64	43	13305	2.033 ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	7661	0.932 ug/L #	88

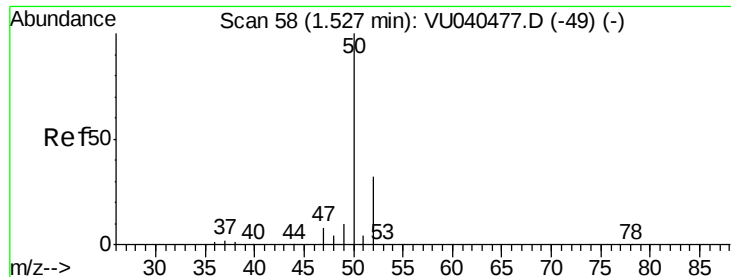
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.052 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040486.D

Acq: 03 Oct 2020 17:51

Instrument :

MSVOA_U

ClientSampleId :

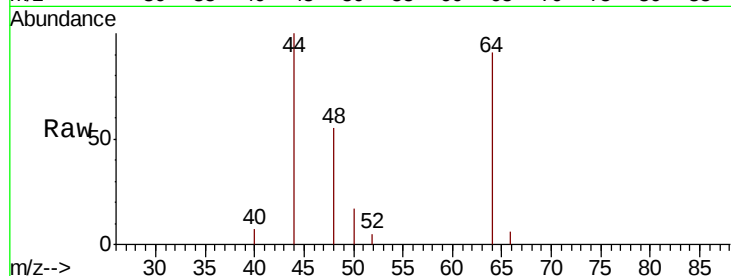
BG3Z6

Tot Ion: 50 Resp: 628

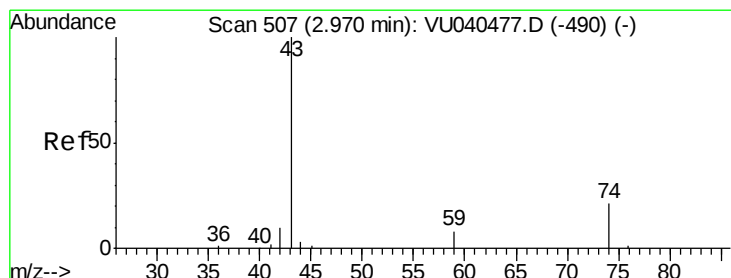
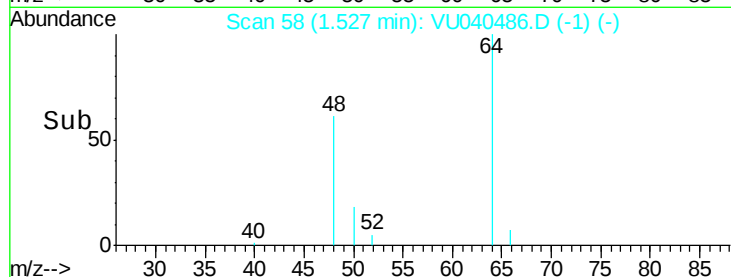
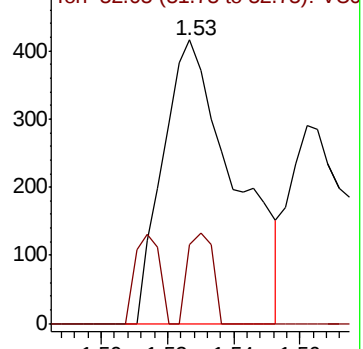
Ion Ratio Lower Upper

50 100

52 27.9 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU040486.D (-1) (-)



#15

Methyl Acetate

Concen: 0.128 ug/L

RT: 2.92 min Scan# 490

Delta R.T. -0.05 min

Lab File: VU040486.D

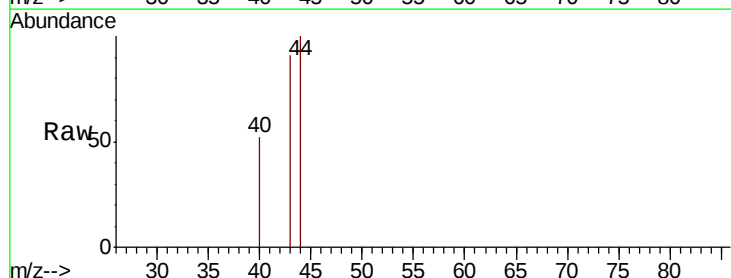
Acq: 03 Oct 2020 17:51

Tgt Ion: 43 Resp: 771

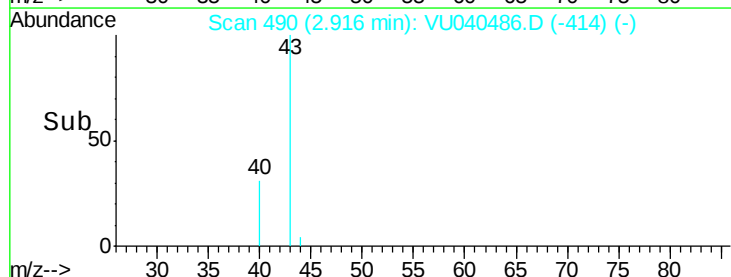
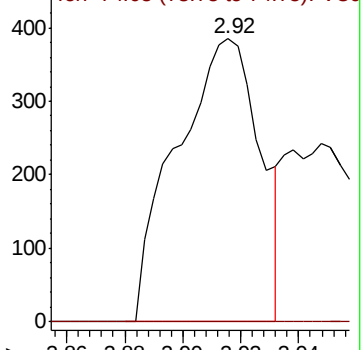
Ion Ratio Lower Upper

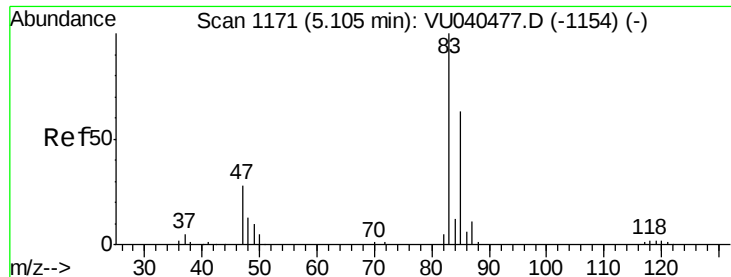
43 100

74 0.0 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VU040486.D (-414) (-)

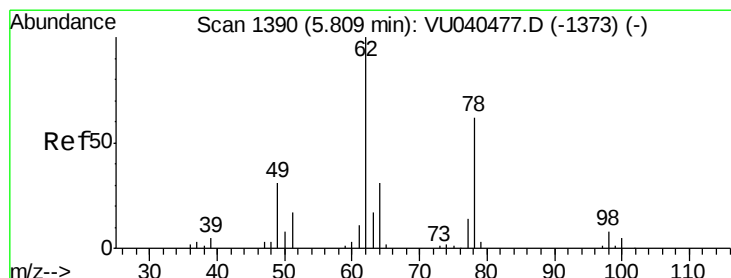
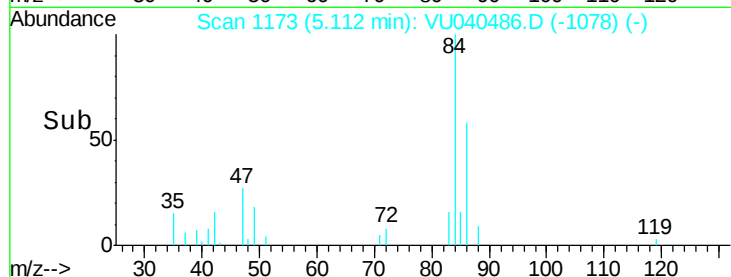
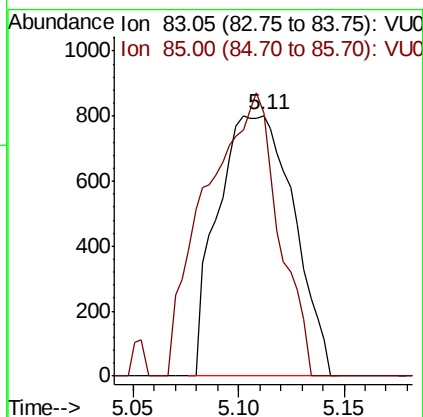
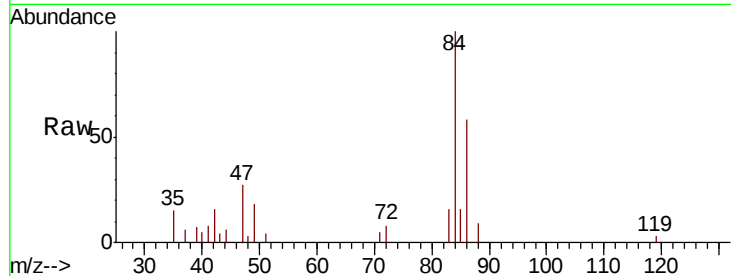




#25
Chloroform
Concen: 0.100 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU040486.D
Acq: 03 Oct 2020 17:51

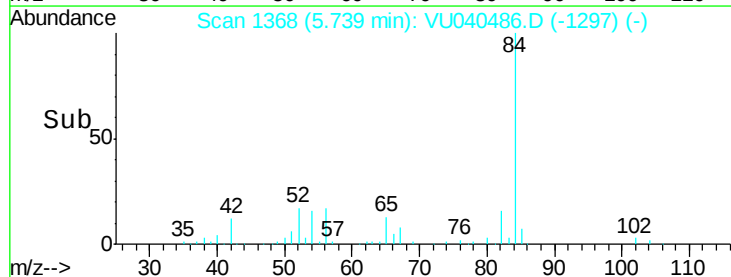
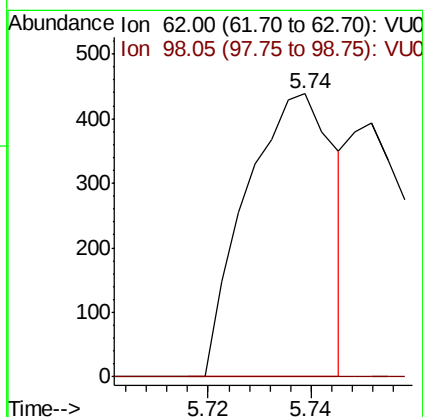
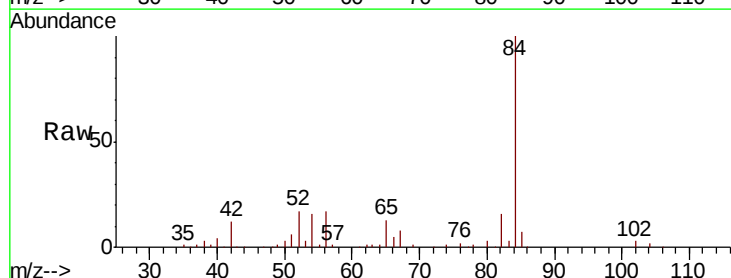
Instrument :
MSVOA_U
ClientSampleId :
BG3Z6

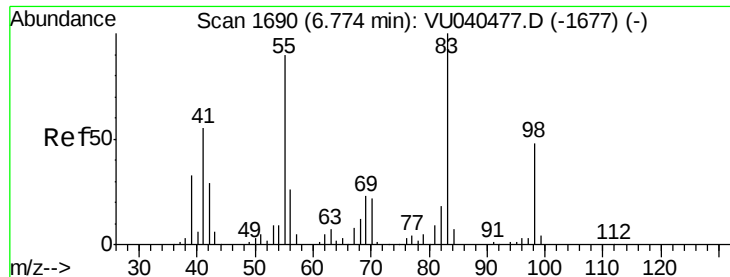
Tot Ion: 83 Resp: 2012
Ion Ratio Lower Upper
83 100
85 100.6 44.6 82.8#



#27
1,2-Dichloroethane
Concen: 0.037 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU040486.D
Acq: 03 Oct 2020 17:51

Tgt Ion: 62 Resp: 520
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#

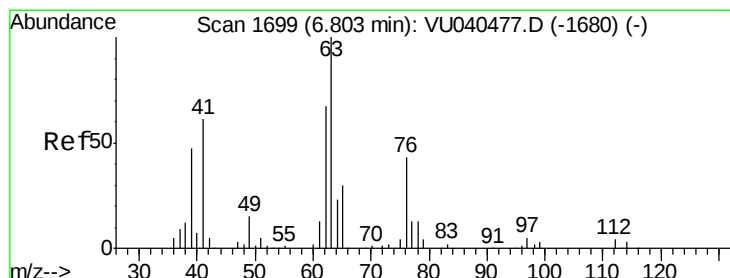
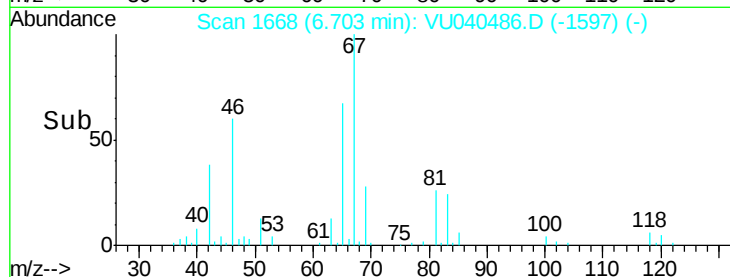
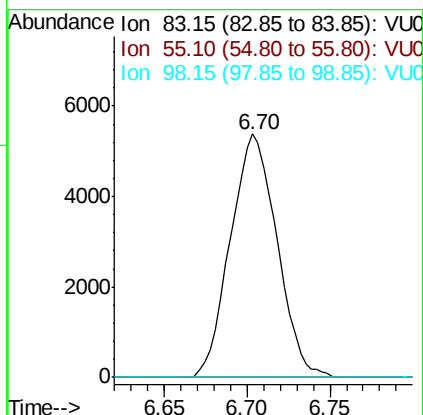
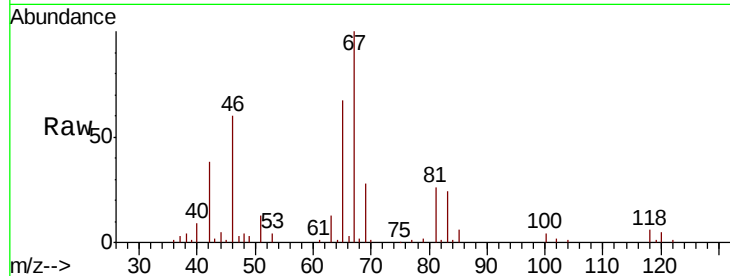




#35
Methvlcvclohexane
Concen: 0.661 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040486.D
Acq: 03 Oct 2020 17:51

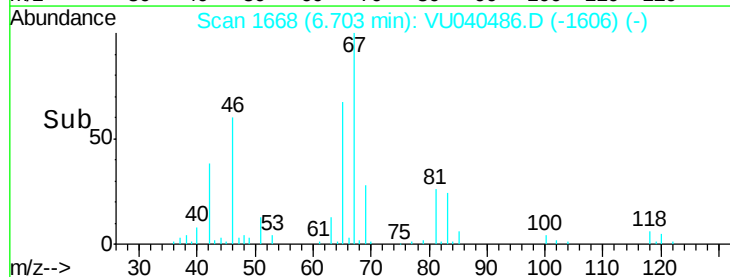
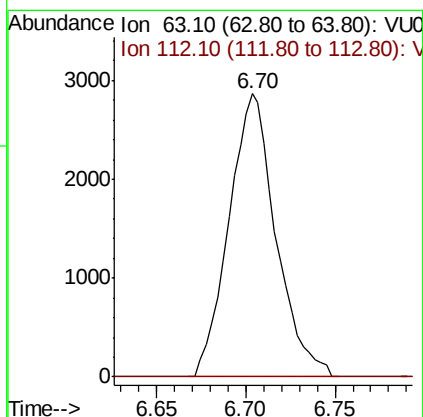
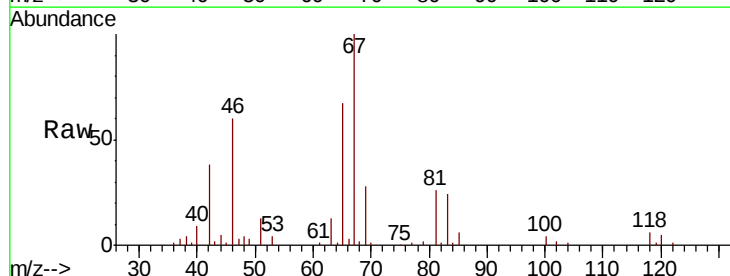
Instrument :
MSVOA_U
ClientSampleId :
BG3Z6

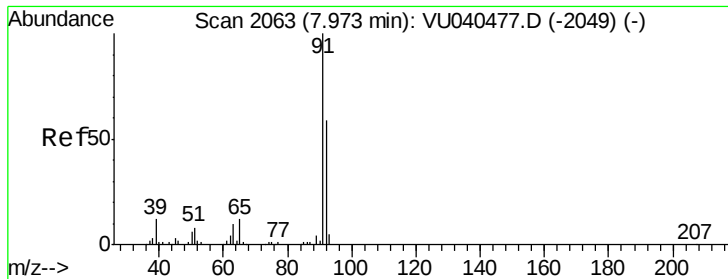
Tot Ion: 83 Resp: 10482
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.0 38.5 57.7#



#37
1,2-Dichloropropane
Concen: 0.463 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040486.D
Acq: 03 Oct 2020 17:51

Tgt Ion: 63 Resp: 5256
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#42

Toluene

Concen: 0.047 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VU040486.D

Acq: 03 Oct 2020 17:51

Instrument :

MSVOA_U

ClientSampleId :

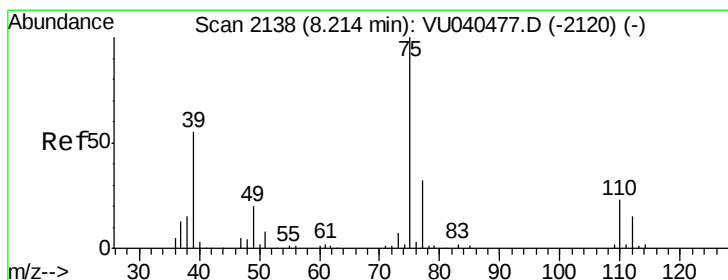
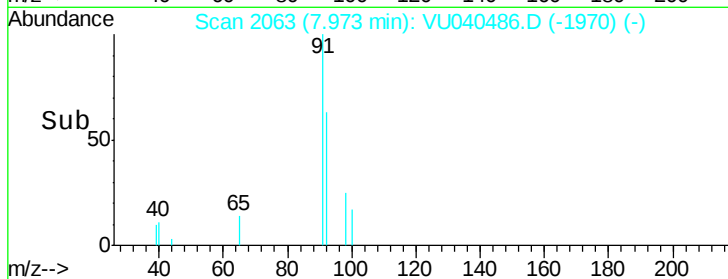
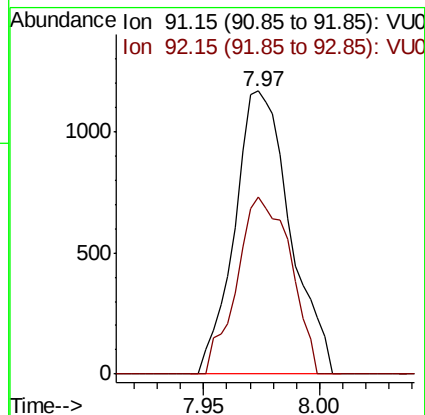
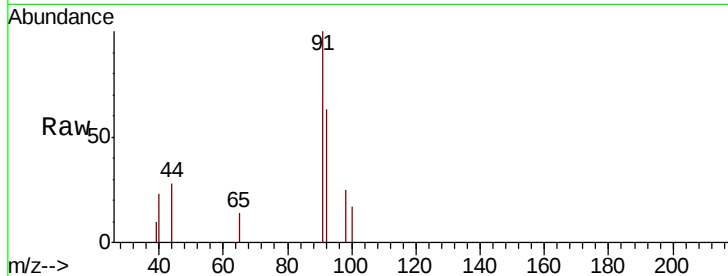
BG3Z6

Tot Ion: 91 Resp: 1942

Ion Ratio Lower Upper

91 100

92 62.7 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 0.056 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040486.D

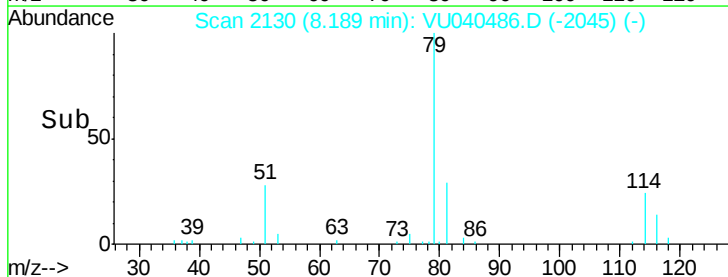
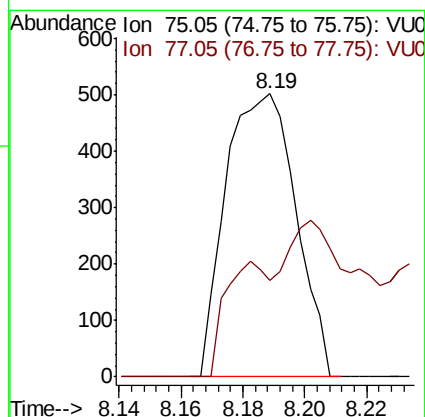
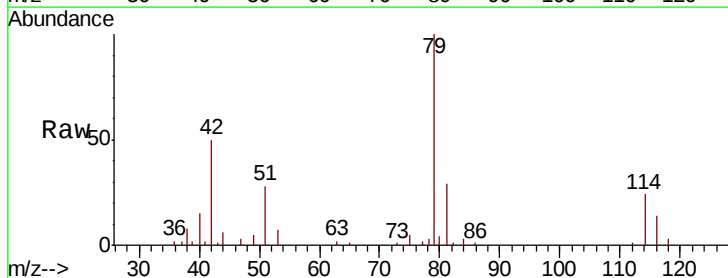
Acq: 03 Oct 2020 17:51

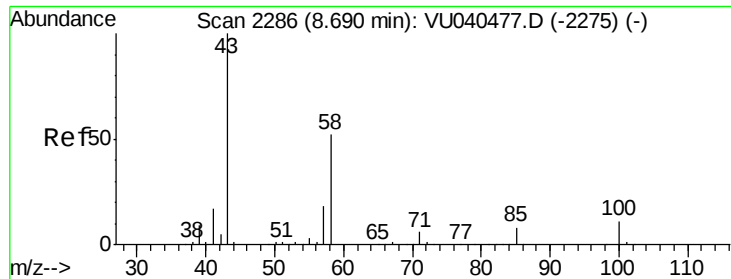
Tgt Ion: 75 Resp: 789

Ion Ratio Lower Upper

75 100

77 34.3 22.3 41.3

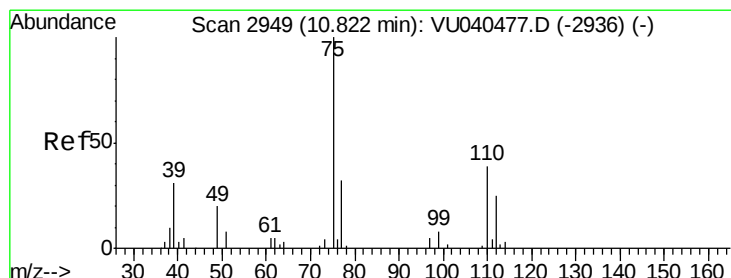
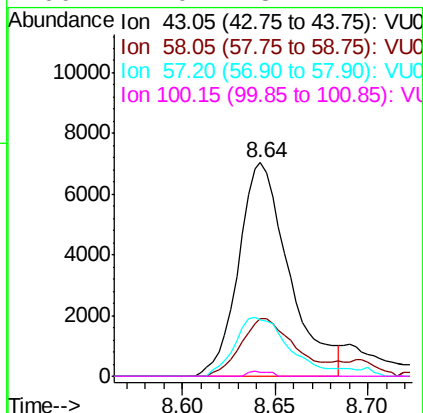
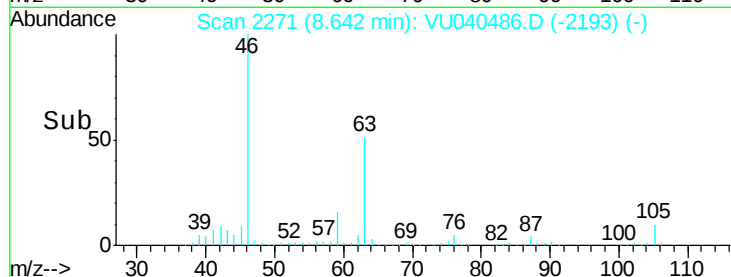
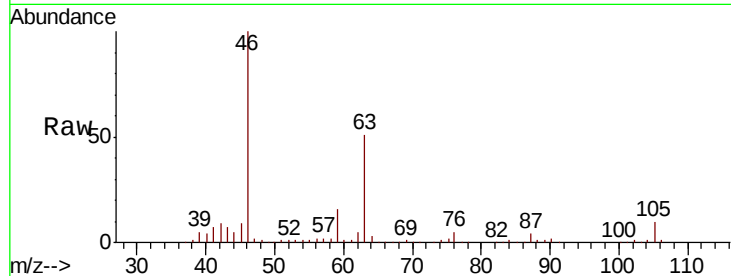




#48
2-Hexanone
Concen: 2.033 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040486.D
Acq: 03 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BG3Z6

Tot Ion: 43 Resp: 13305
Ion Ratio Lower Upper
43 100
58 28.6 41.0 61.4#
57 31.2 14.6 22.0#
100 1.0 8.2 12.4#



#59
1,2,3-Trichloropropane
Concen: 0.932 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040486.D
Acq: 03 Oct 2020 17:51

Tgt Ion: 75 Resp: 7661
Ion Ratio Lower Upper
75 100
77 39.1 25.7 38.5#

