

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040366.D
 Acq On : 29 Sep 2020 18:01
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK01

Quant Time: Sep 30 01:53:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 01:43:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125076	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129864	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38889	6.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.60%
7) Chloroethane-d5	1.92	69	35226	6.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	130.00%
11) 1,1-Dichloroethene-d2	2.58	63	62422	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.80%
20) 2-Butanone-d5	4.65	46	165873	53.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.86%
24) Chloroform-d	5.08	84	81255	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
26) 1,2-Dichloroethane-d4	5.72	65	51887	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.60%
32) Benzene-d6	5.75	84	159344	6.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.00%
36) 1,2-Dichloropropane-d6	6.70	67	55034	5.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.20%
41) Toluene-d8	7.91	98	130165	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.80%
43) trans-1,3-Dichloropropene-	8.19	79	18135	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.64	63	117094	51.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46822	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	51980	6.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.60%#

Target Compounds

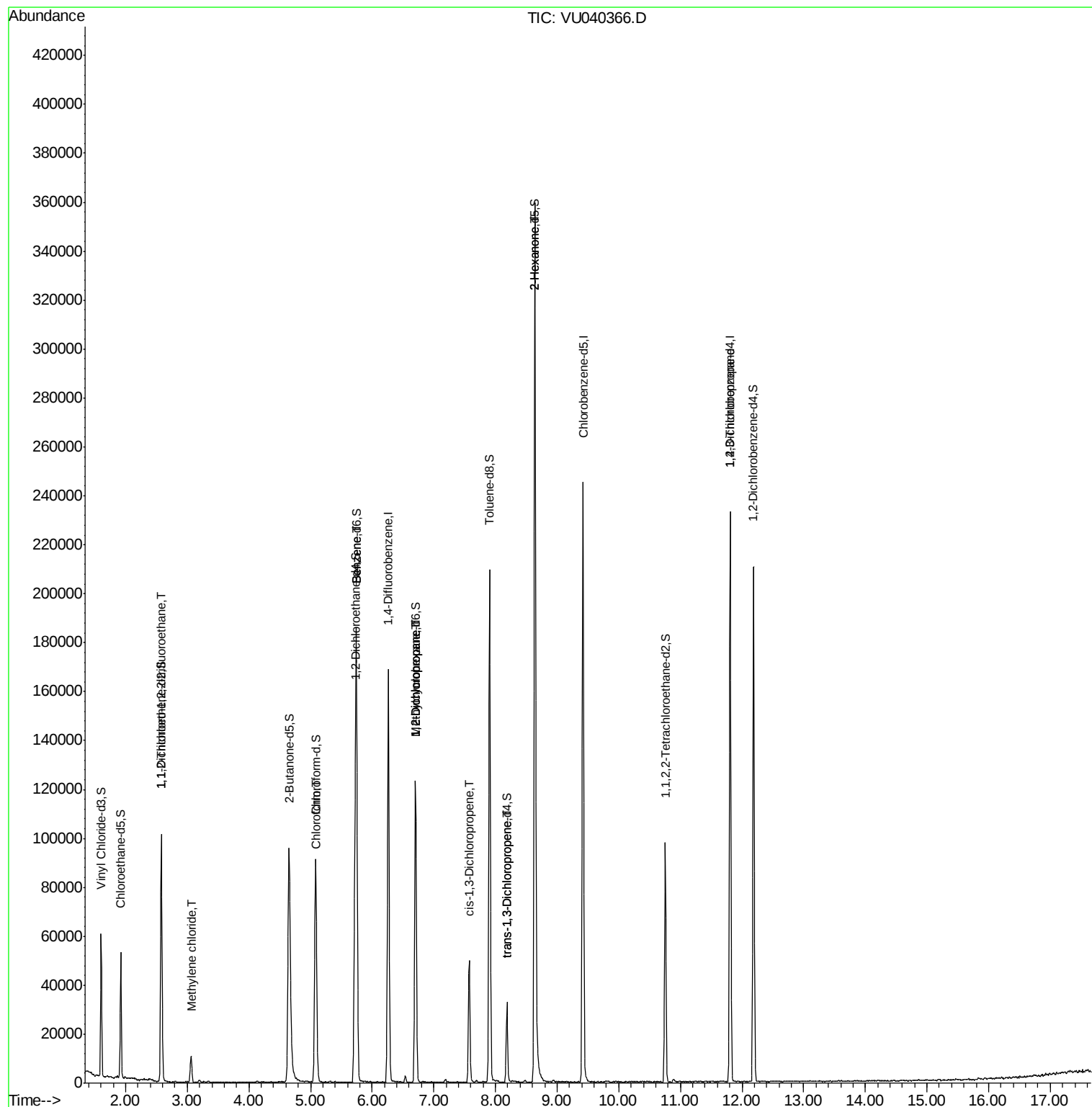
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	483	0.045	ug/L #	22
16) Methylene chloride	3.06	84	4672	0.390	ug/L	92
25) Chloroform	5.10	83	3879	0.188	ug/L	96
33) Benzene	5.75	78	1178	0.027	ug/L	100
35) Methylcyclohexane	6.70	83	12788	0.754	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6758	0.557	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1406	0.086	ug/L #	59
44) trans-1,3-Dichloropropene	8.19	75	843	0.056	ug/L #	70
48) 2-Hexanone	8.64	43	16433	2.349	ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	7510	0.854	ug/L	94

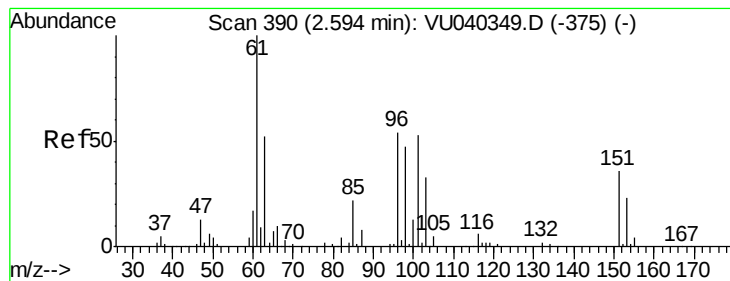
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.045 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU040366.D

Acq: 29 Sep 2020 18:01

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VIBLK01

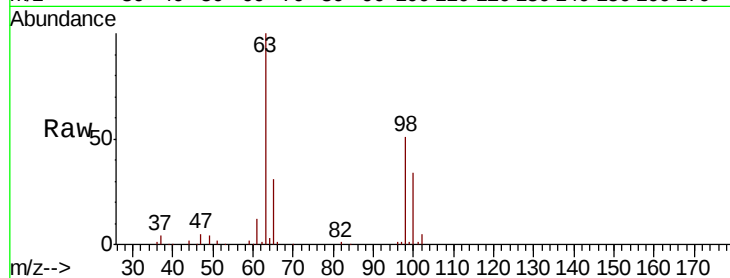
Tot Ion:101 Resp: 483

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

151 0.0 55.4 83.2#



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

500

400

300

200

100

0

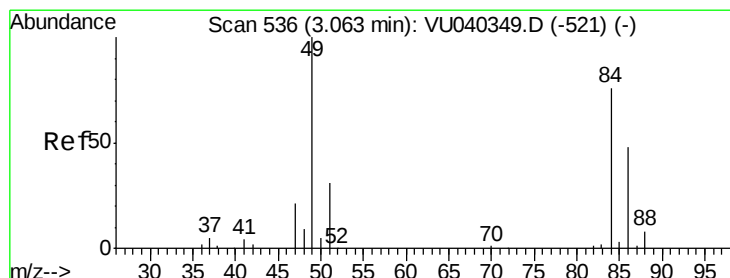
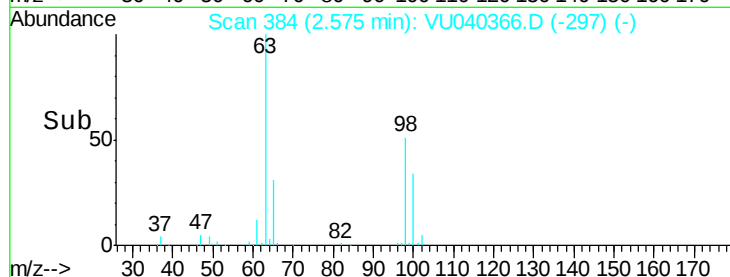
2.54

2.56

2.58

2.60

Time-->



#16

Methylene chloride

Concen: 0.390 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040366.D

Acq: 29 Sep 2020 18:01

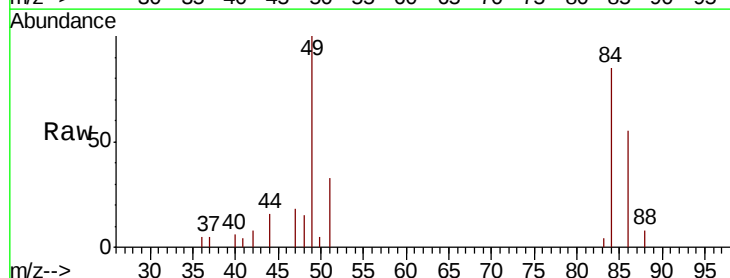
Tgt Ion: 84 Resp: 4672

Ion Ratio Lower Upper

84 100

86 65.1 44.4 82.5

49 118.2 92.2 171.2



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

4000

3000

2000

1000

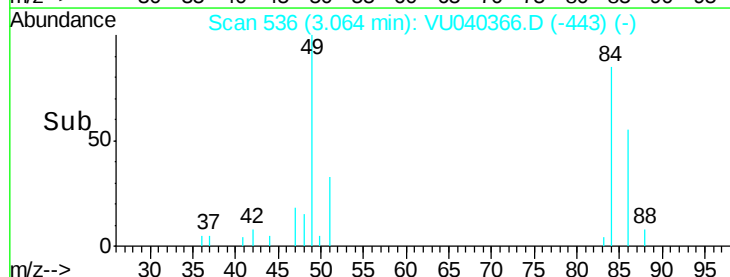
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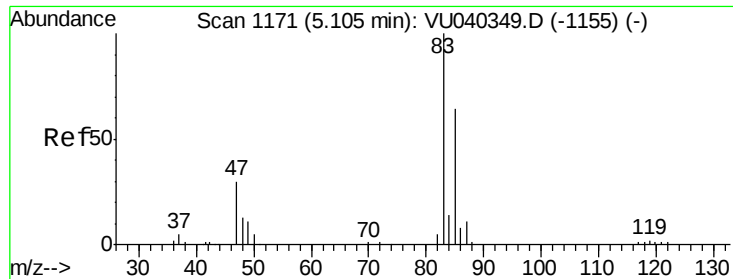
3.00

3.05

3.10

Time-->

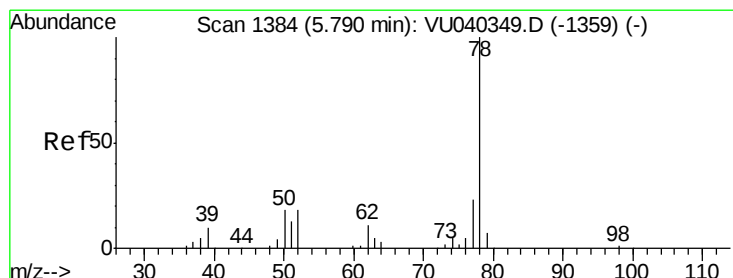
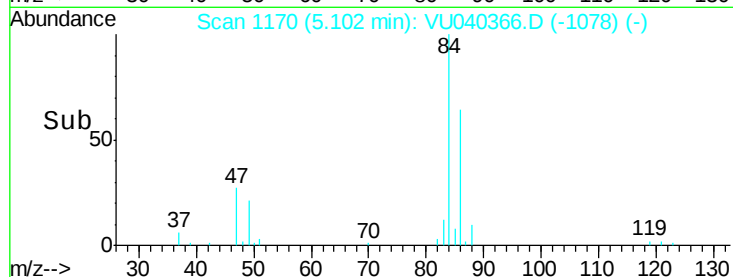
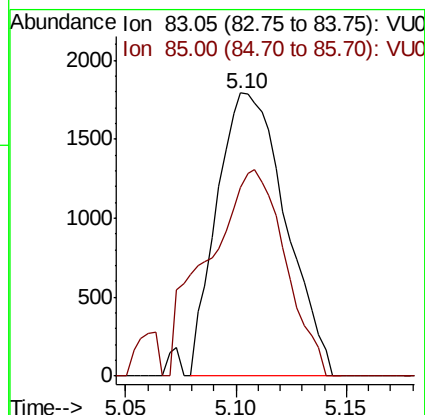
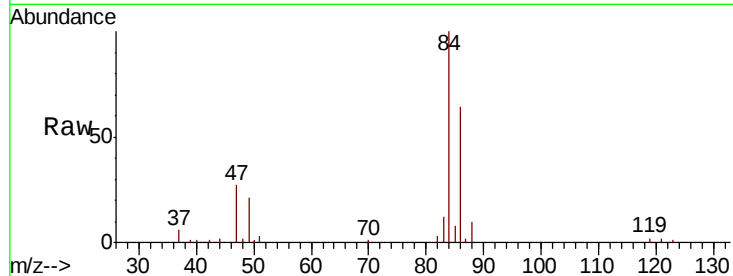




#25
Chloroform
Concen: 0.188 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040366.D
Acq: 29 Sep 2020 18:01

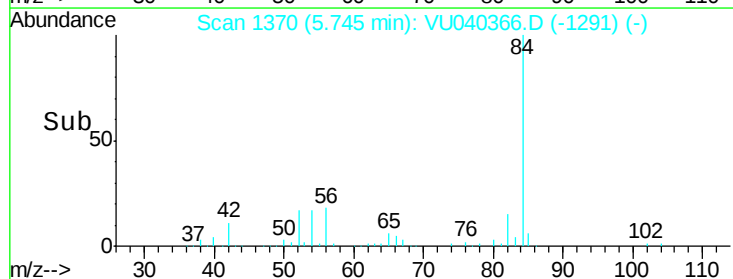
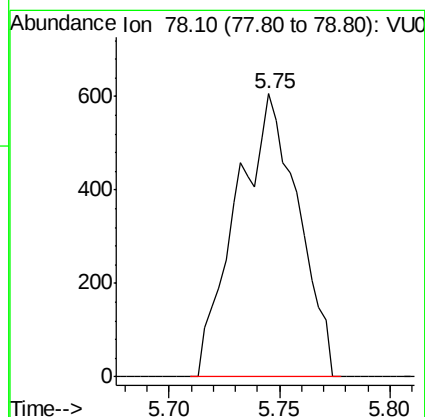
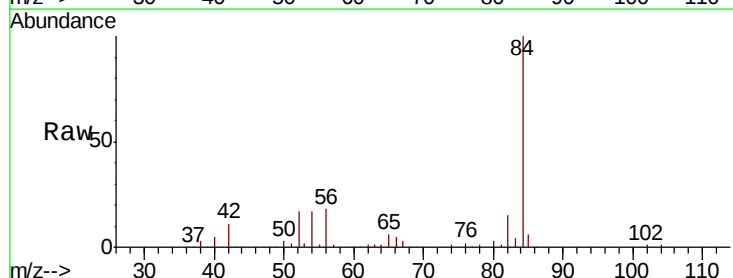
Instrument :
MSVOA_U
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VIBLK01

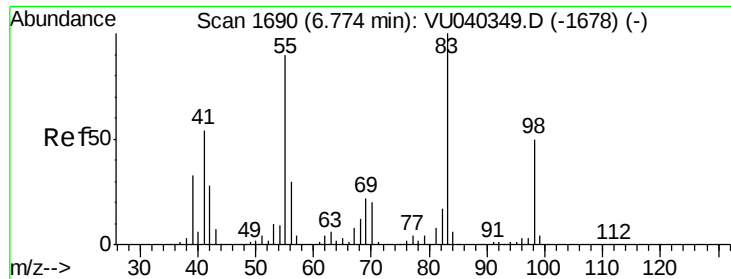
Tot Ion: 83 Resp: 3879
Ion Ratio Lower Upper
83 100
85 66.8 44.6 82.8



#33
Benzene
Concen: 0.027 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.04 min
Lab File: VU040366.D
Acq: 29 Sep 2020 18:01

Tgt Ion: 78 Resp: 1178

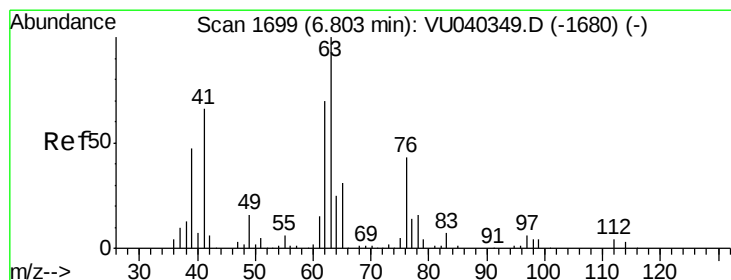
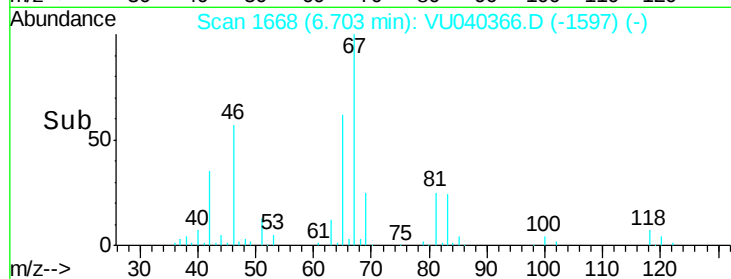
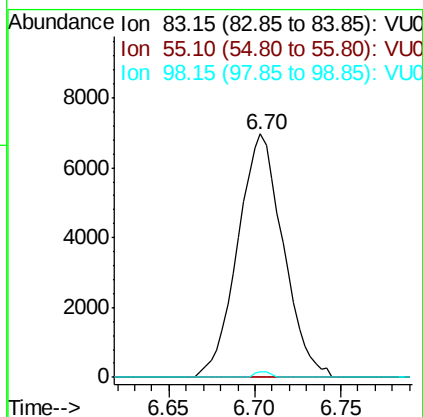
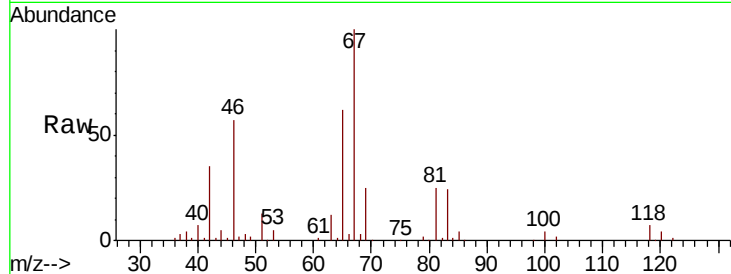




#35
Methvlcvclohexane
Concen: 0.754 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040366.D
Acq: 29 Sep 2020 18:01

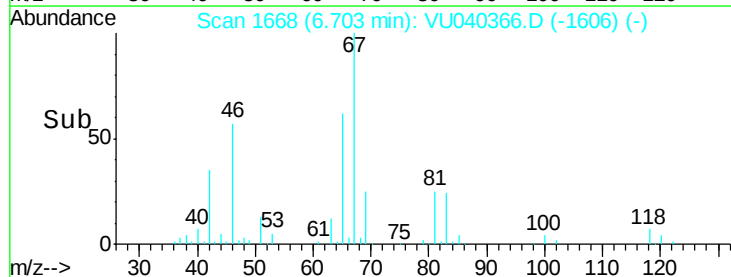
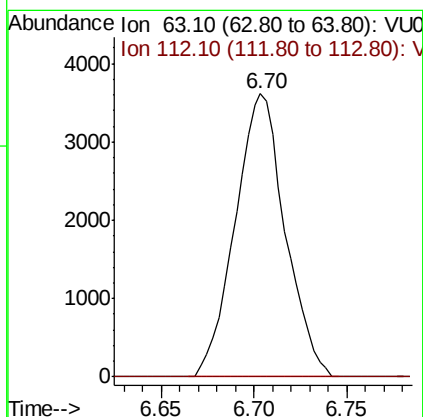
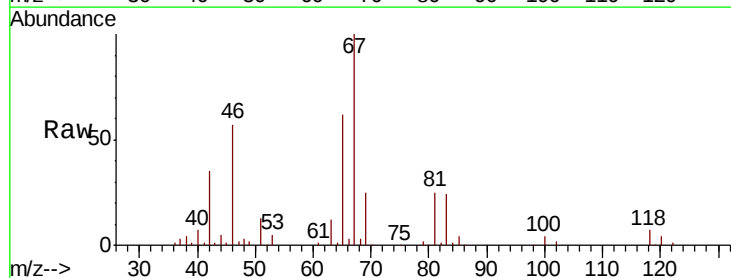
Instrument :
MSVOA_U
ClientSampleId :
VIBLK01

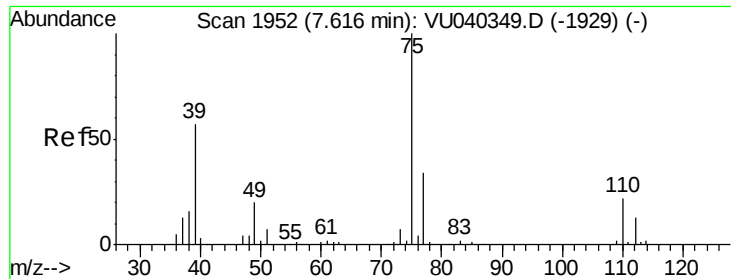
Tot Ion: 83 Resp: 12788
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.8 38.5 57.7#



#37
1,2-Dichloropropane
Concen: 0.557 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040366.D
Acq: 29 Sep 2020 18:01

Tgt Ion: 63 Resp: 6758
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

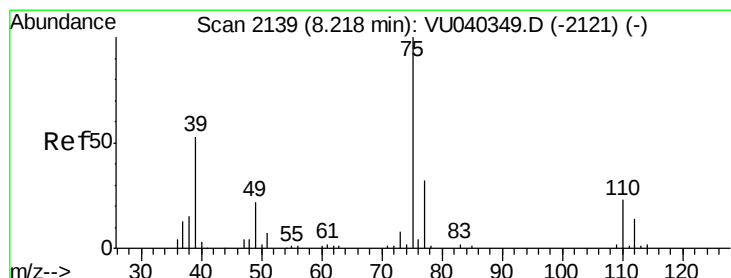
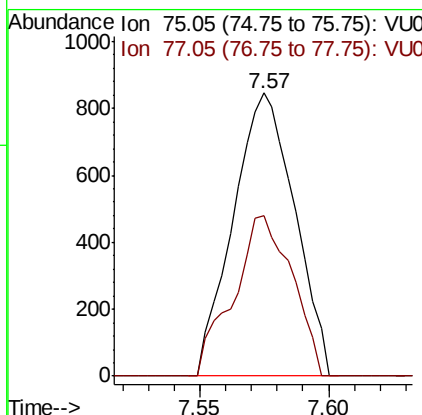
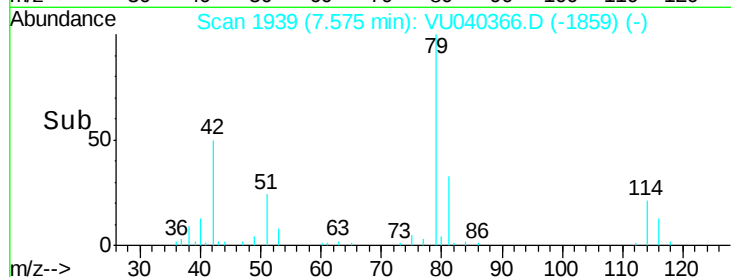
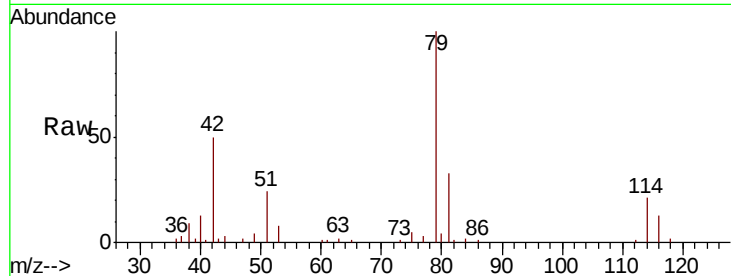




#39
 cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040366.D
 Acq: 29 Sep 2020 18:01

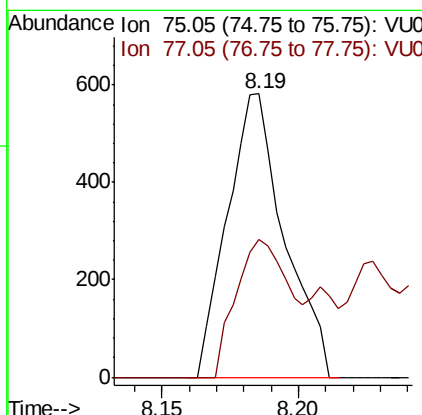
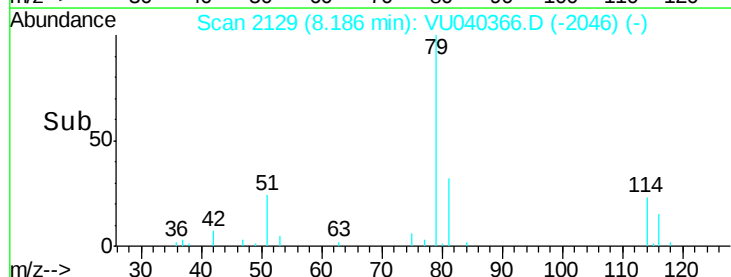
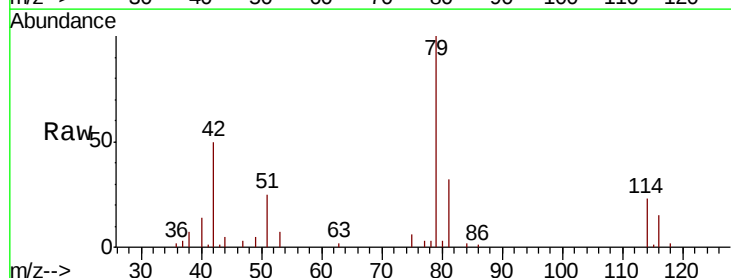
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK01

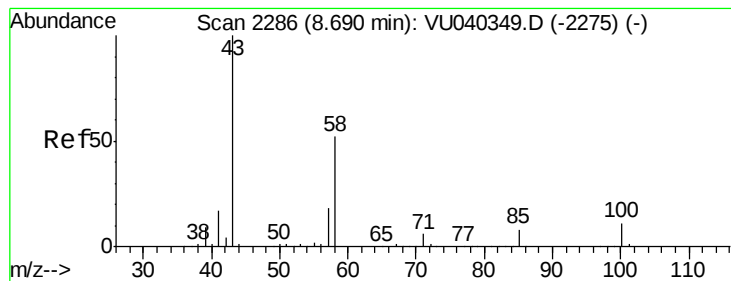
Tot Ion: 75 Resp: 1406
 Ion Ratio Lower Upper
 75 100
 77 56.7 23.5 43.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.056 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040366.D
 Acq: 29 Sep 2020 18:01

Tgt Ion: 75 Resp: 843
 Ion Ratio Lower Upper
 75 100
 77 48.5 22.3 41.3#





#48

2-Hexanone

Concen: 2.349 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU040366.D

Acq: 29 Sep 2020 18:01

Instrument :

MSVOA_U

ClientSampleId :

VIBLK01

Tot Ion: 43 Resp: 16433

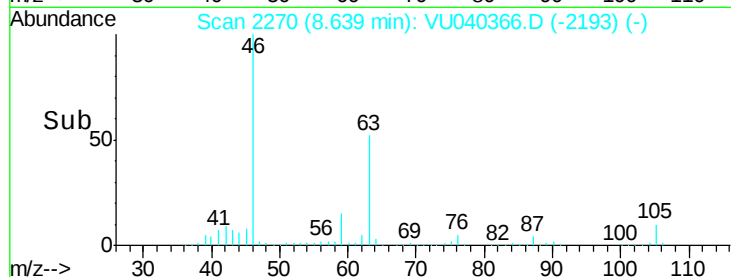
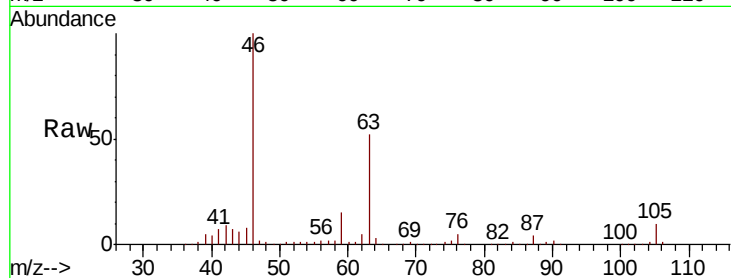
Ion Ratio Lower Upper

43 100

58 27.7 41.0 61.4#

57 29.6 14.6 22.0#

100 1.0 8.2 12.4#

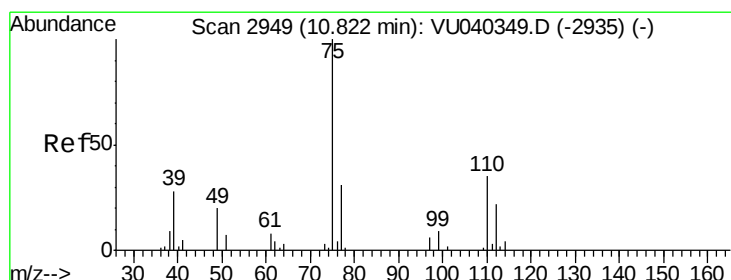
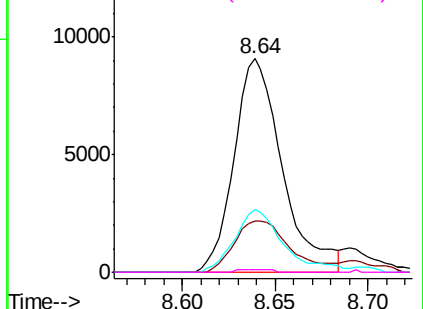


Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0



#59

1,2,3-Trichloropropane

Concen: 0.854 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040366.D

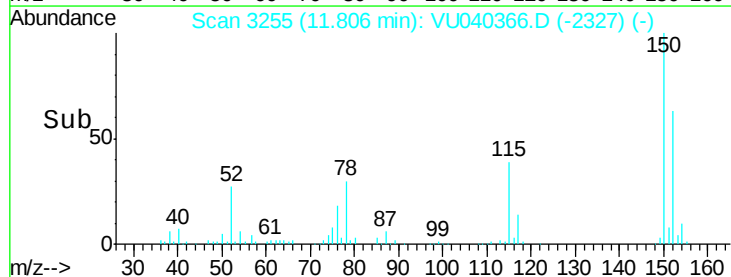
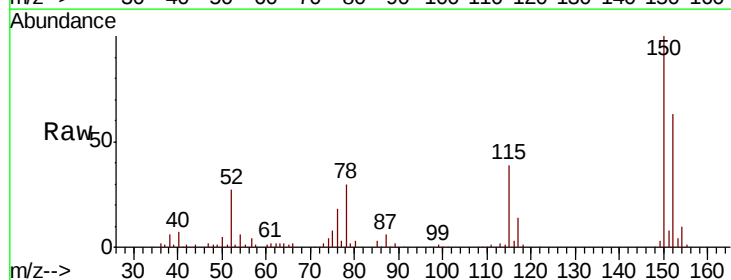
Acq: 29 Sep 2020 18:01

Tgt Ion: 75 Resp: 7510

Ion Ratio Lower Upper

75 100

77 35.3 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

