

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
 Data File : VU041292.D
 Acq On : 17 Nov 2020 21:51
 Operator : SY/MD
 Sample : L4740-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB118

Quant Time: Nov 18 00:08:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 18 00:06:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	65395	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	66114	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26314	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23035	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.92	69	21000	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.58	63	35577	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.66	46	94347	47.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.14%
24) Chloroform-d	5.08	84	49251	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.72	65	31520	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.74	84	85930	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.70	67	30242	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.91	98	72438	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.19	79	11214	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.64	63	62892	44.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.08%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24162	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	26912	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

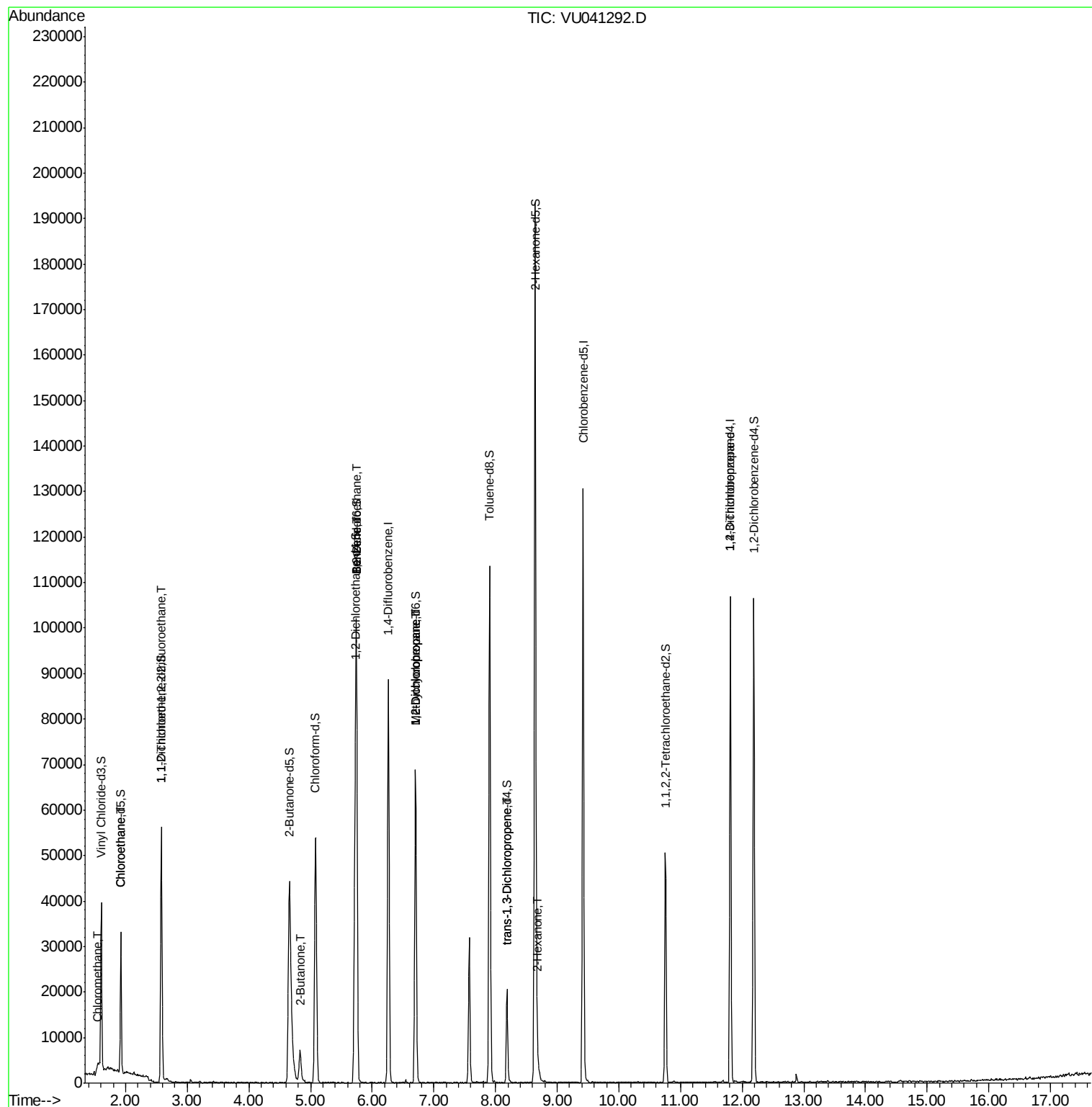
					Ovalue
3) Chloromethane	1.53	50	393	0.068	ug/L 95
8) Chloroethane	1.93	64	278	0.074	ug/L # 43
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	256	0.053	ug/L # 22
21) 2-Butanone	4.83	43	11041	5.527	ug/L # 52
27) 1,2-Dichloroethane	5.74	62	504	0.070	ug/L # 74
33) Benzene	5.75	78	762	0.043	ug/L 100
35) Methylcyclohexane	6.70	83	7187	1.117	ug/L # 14
37) 1,2-Dichloropropane	6.70	63	3621	0.691	ug/L # 86
44) trans-1,3-Dichloropropene	8.19	75	548	0.079	ug/L # 53
48) 2-Hexanone	8.68	43	1494	0.462	ug/L # 64
59) 1,2,3-Trichloropropane	11.81	75	3579	0.867	ug/L 90

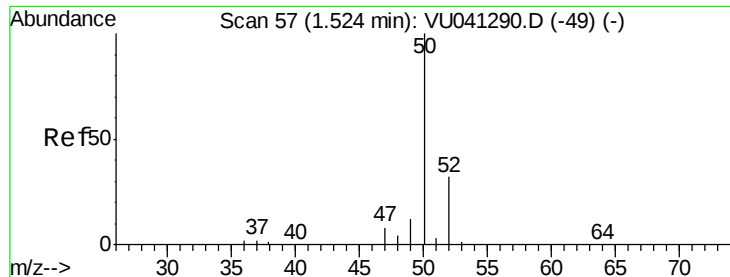
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.068 ug/L

RT: 1.53 min Scan# 59

Delta R.T. 0.01 min

Lab File: VU041292.D

Acq: 17 Nov 2020 21:51

Instrument :

MSVOA_U

ClientSampleId :

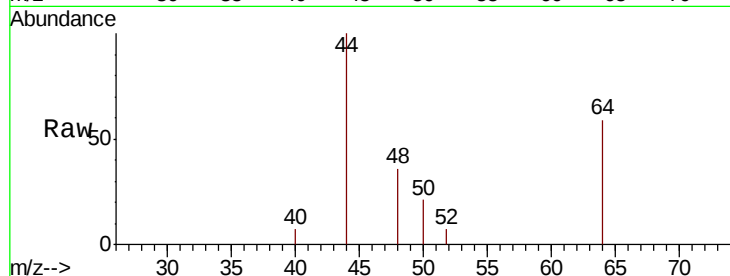
GB118

Tot Ion: 50 Resp: 393

Ion Ratio Lower Upper

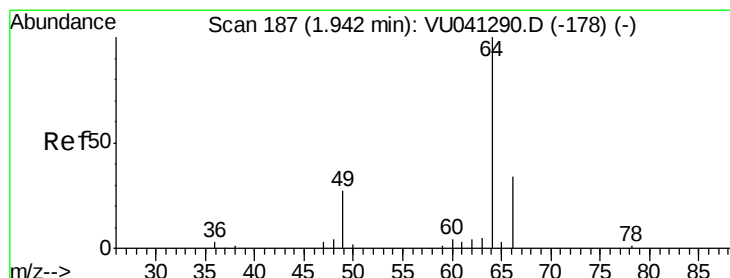
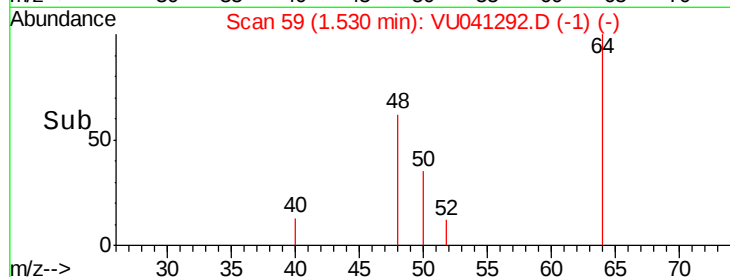
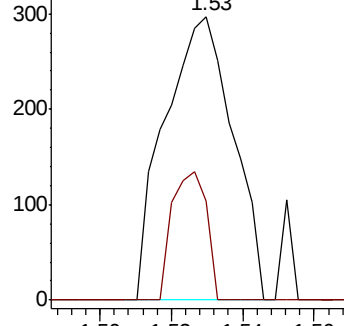
50 100

52 35.0 22.4 41.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.074 ug/L

RT: 1.93 min Scan# 184

Delta R.T. -0.01 min

Lab File: VU041292.D

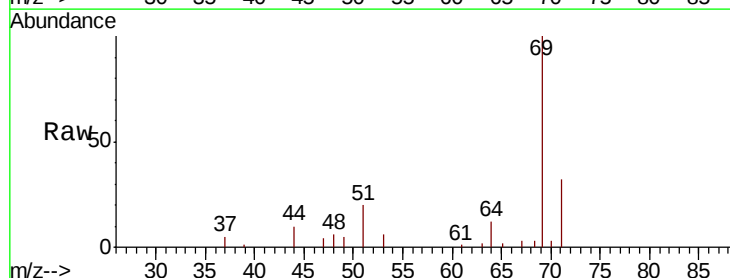
Acq: 17 Nov 2020 21:51

Tgt Ion: 64 Resp: 278

Ion Ratio Lower Upper

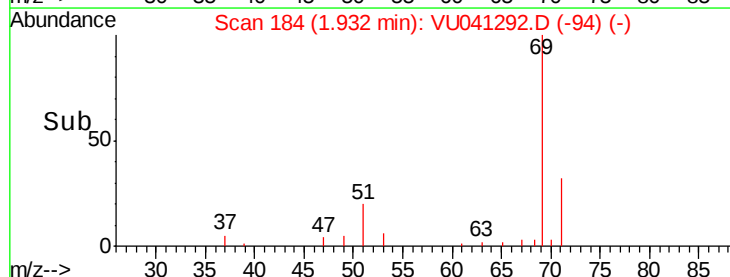
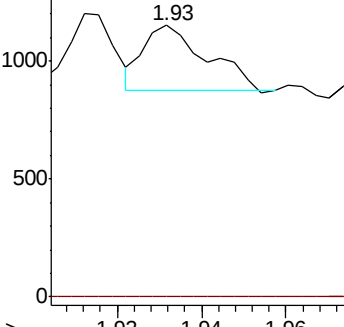
64 100

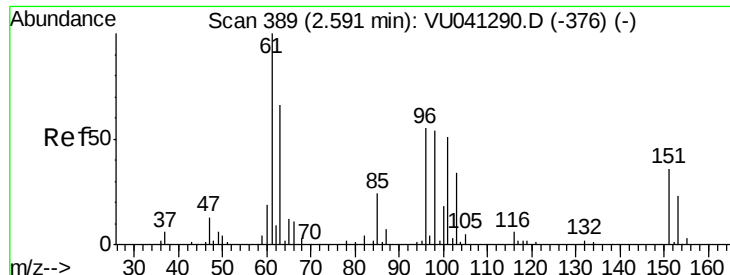
66 0.0 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#10

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

Concen: 0.053 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU041292.D

Acq: 17 Nov 2020 21:51

Instrument :

MSVOA_U

ClientSampled :

GB118

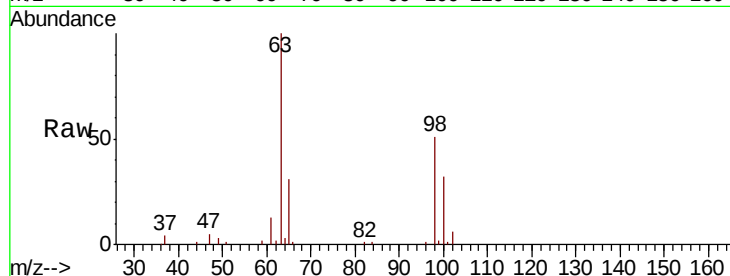
Tot Ion:101 Resp: 256

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

250

200

150

100

50

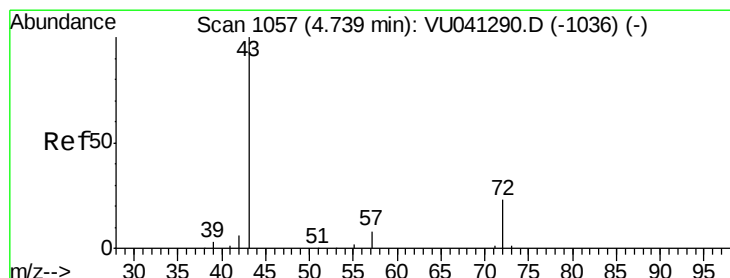
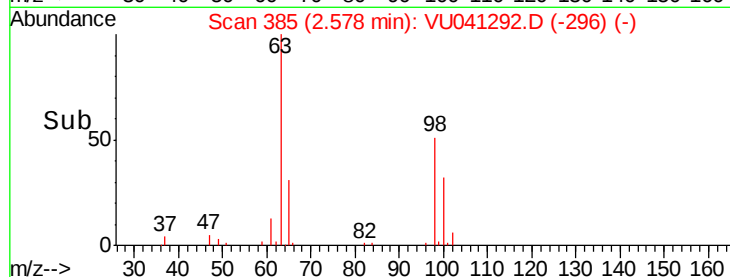
0

2.56

2.58

2.60

Time-->



#21

2-Butanone

Concen: 5.527 ug/L

RT: 4.83 min Scan# 1085

Delta R.T. 0.09 min

Lab File: VU041292.D

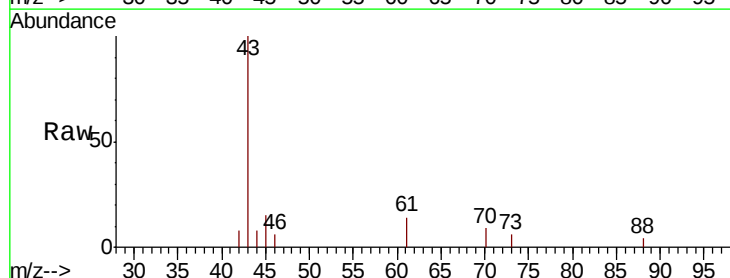
Acq: 17 Nov 2020 21:51

Tgt Ion: 43 Resp: 11041

Ion Ratio Lower Upper

43 100

72 0.0 11.8 35.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0

5000

4000

3000

2000

1000

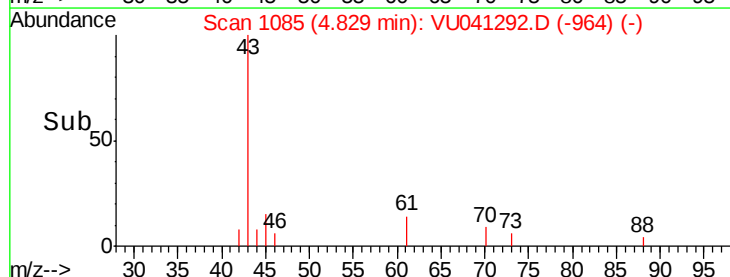
0

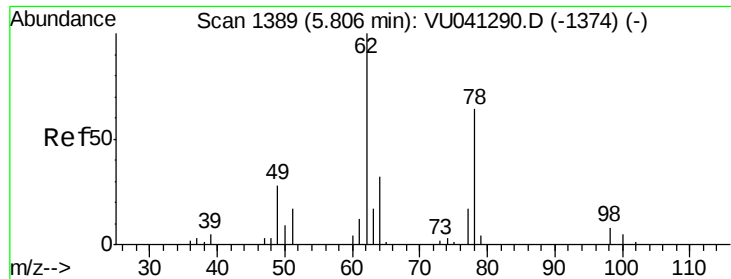
4.80

4.83

4.90

Time-->

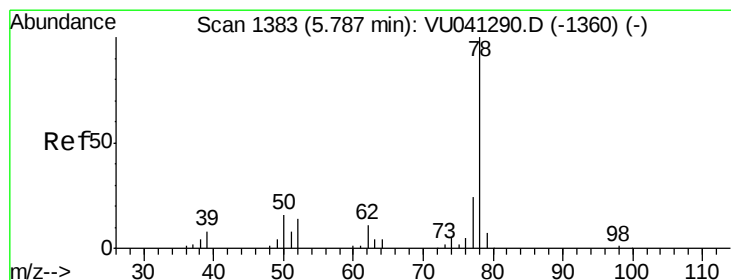
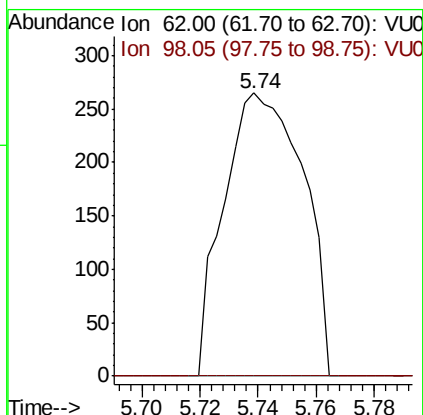
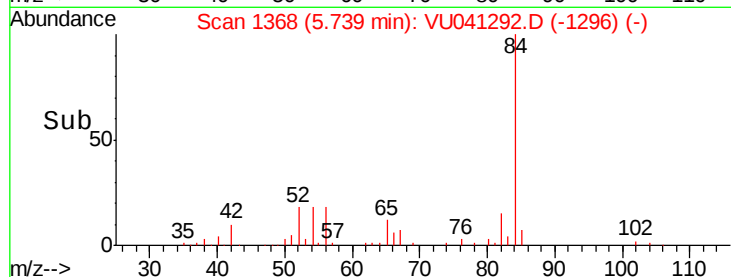
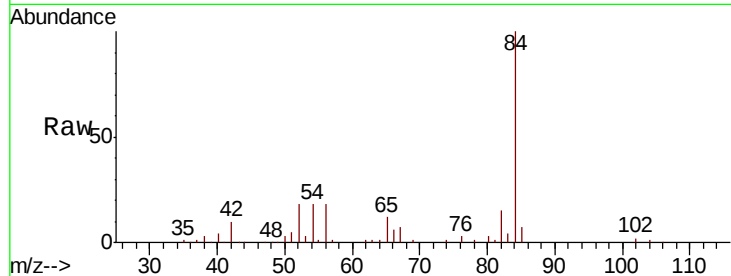




#27
 1,2-Dichloroethane
 Concen: 0.070 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: VU041292.D
 Acq: 17 Nov 2020 21:51

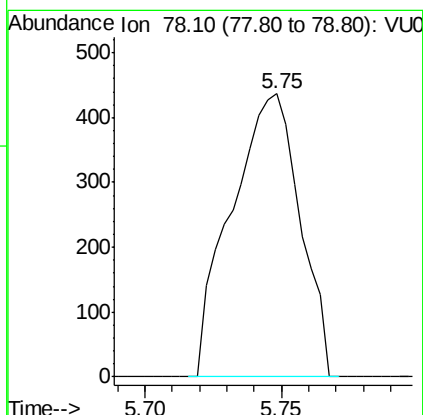
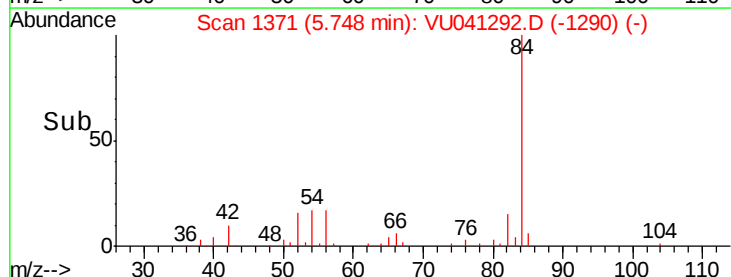
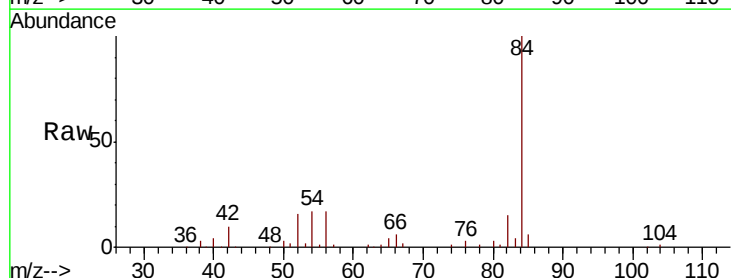
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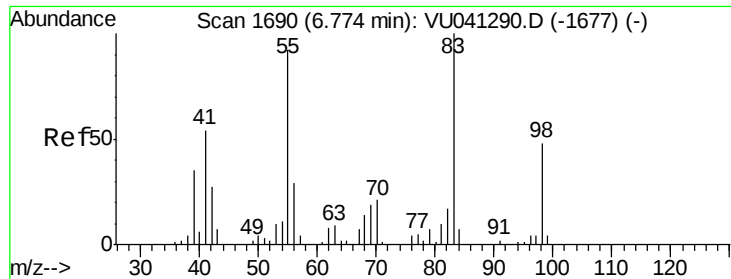
Tot Ion: 62 Resp: 504
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#33
 Benzene
 Concen: 0.043 ug/L
 RT: 5.75 min Scan# 1371
 Delta R.T. -0.04 min
 Lab File: VU041292.D
 Acq: 17 Nov 2020 21:51

Tgt Ion: 78 Resp: 762

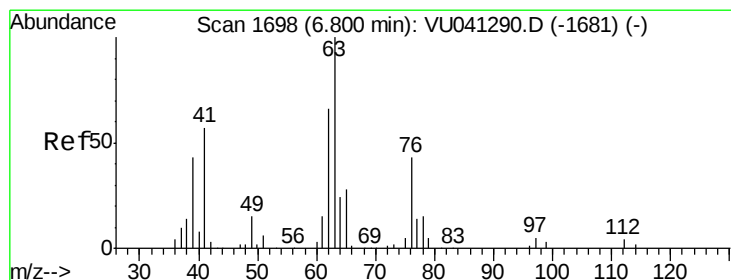
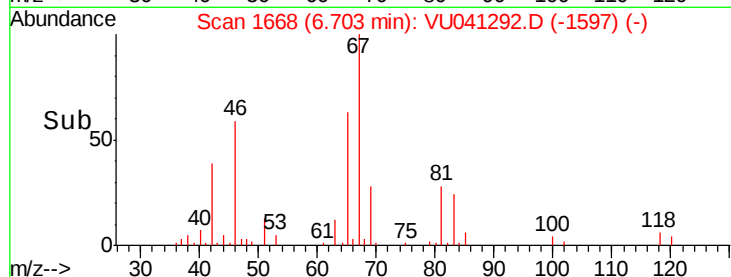
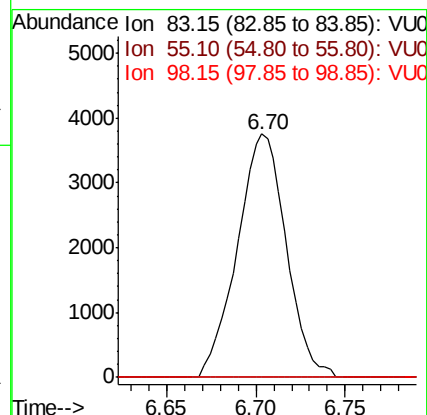
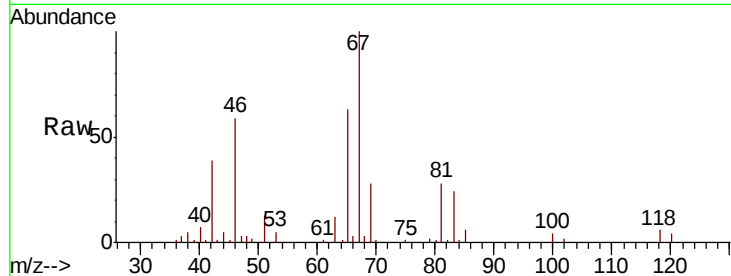




#35
Methylcyclohexane
Concen: 1.117 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041292.D
Acq: 17 Nov 2020 21:51

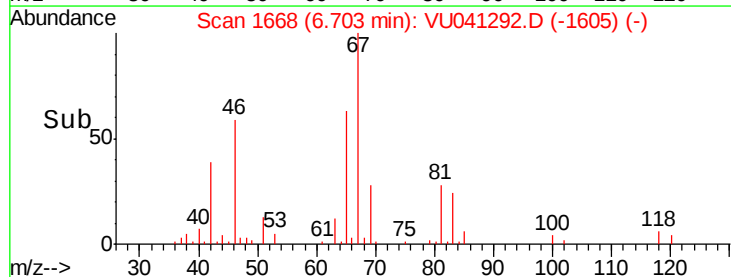
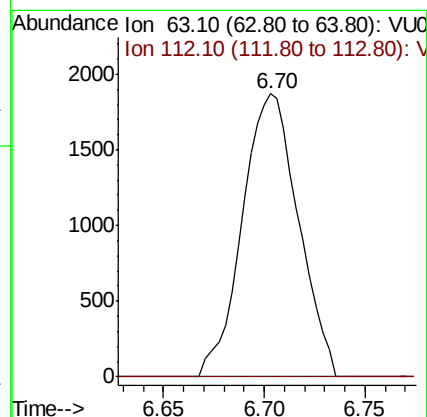
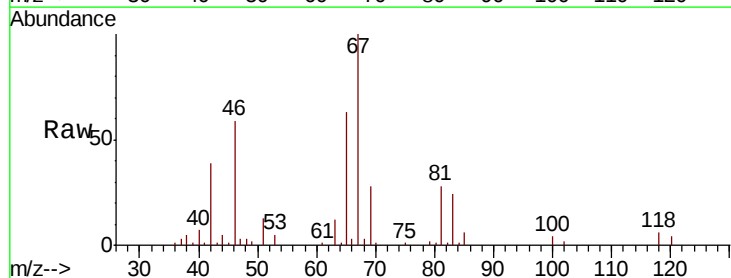
Instrument :
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ClientSampleId :
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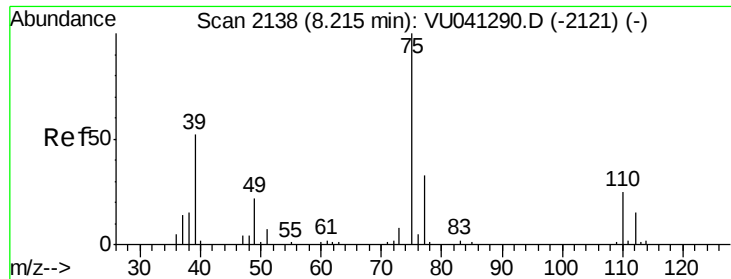
Tot Ion: 83 Resp: 7187
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.6 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.691 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041292.D
Acq: 17 Nov 2020 21:51

Tgt Ion: 63 Resp: 3621
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

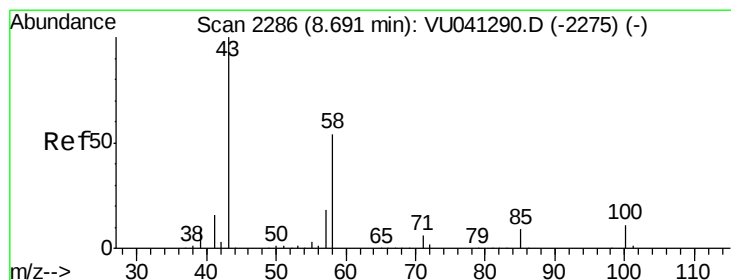
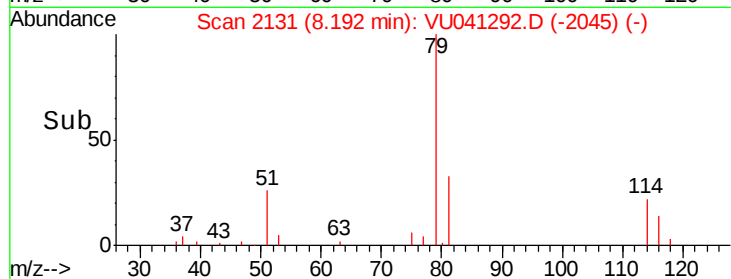
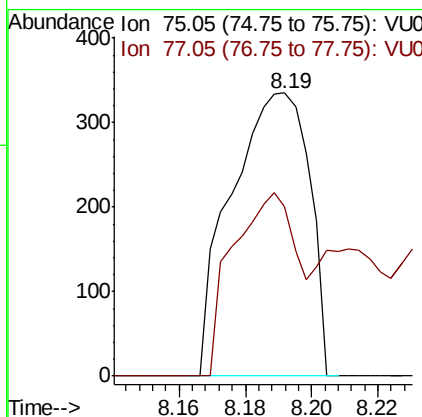
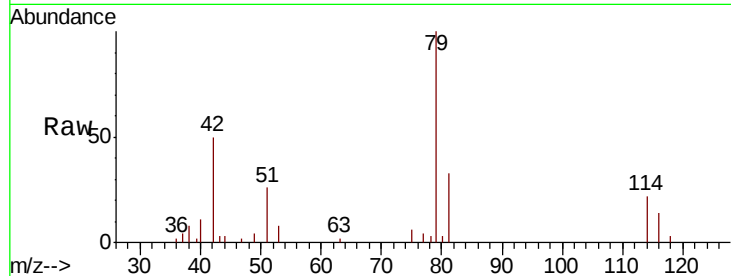




#44
trans-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 8.19 min Scan# 2131
Delta R.T. -0.02 min
Lab File: VU041292.D
Acq: 17 Nov 2020 21:51

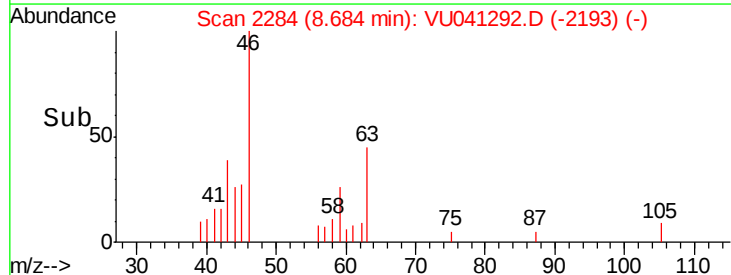
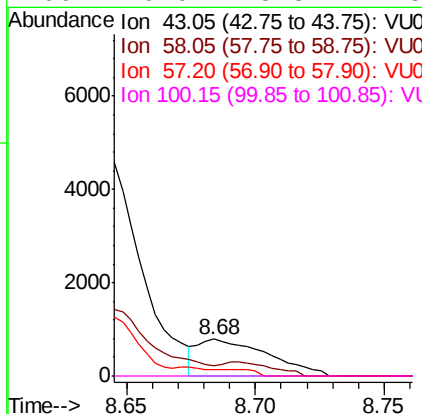
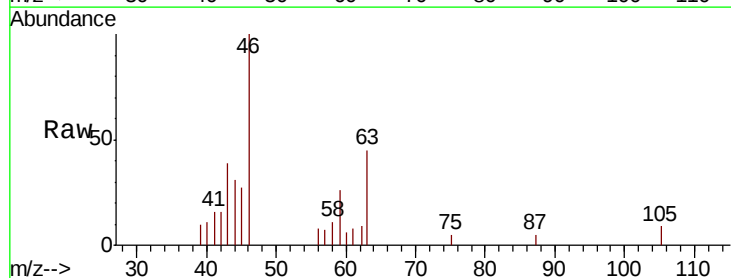
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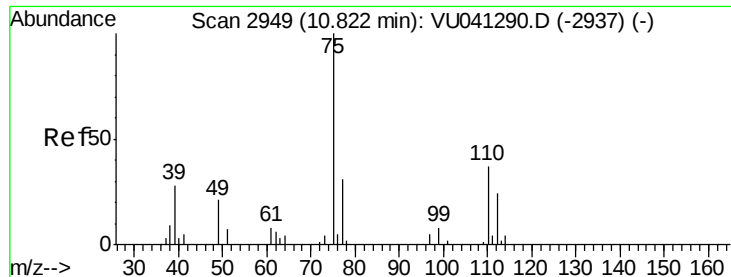
Tot Ion: 75 Resp: 548
Ion Ratio Lower Upper
75 100
77 60.0 23.3 43.3#



#48
2-Hexanone
Concen: 0.462 ug/L
RT: 8.68 min Scan# 2284
Delta R.T. -0.01 min
Lab File: VU041292.D
Acq: 17 Nov 2020 21:51

Tgt Ion: 43 Resp: 1494
Ion Ratio Lower Upper
43 100
58 26.9 41.4 62.2#
57 0.0 14.6 21.8#
100 0.0 8.3 12.5#





#59

1,2,3-Trichloropropane

Concen: 0.867 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041292.D

Acq: 17 Nov 2020 21:51

Instrument :

MSVOA_U

ClientSampleId :

GB118

Tot Ion: 75 Resp: 3579

Ion Ratio Lower Upper

75 100

77 37.8 25.7 38.5

