

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121820\
 Data File : VU041674.D
 Acq On : 18 Dec 2020 13:03
 Operator : SY/MD
 Sample : L5143-03MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZB2MSD

Quant Time: Dec 19 04:14:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 19 04:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110845	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	107105	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48734	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	35215	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.92	69	32627	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.58	63	73722	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.40%
20) 2-Butanone-d5	4.65	46	140572	56.47	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.94%
24) Chloroform-d	5.08	84	74959	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.72	65	43756	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.74	84	147390	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.70	67	47712	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.90	98	126123	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.19	79	20516	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.64	63	128062	54.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.36%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46236	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	48081	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	480	0.053	ug/L	97
8) Chloroethane	1.93	64	246	0.036	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	490	0.064	ug/L #	22
12) 1,1-Dichloroethene	2.59	96	36387	4.839	ug/L	95
13) Acetone	2.66	43	1365	0.862	ug/L	87
25) Chloroform	5.11	83	1810	0.124	ug/L	89
27) 1,2-Dichloroethane	5.79	62	1410	0.142	ug/L #	73
33) Benzene	5.79	78	165579	4.834	ug/L	100
34) Trichloroethene	6.55	95	42959	4.991	ug/L	96
35) Methylcyclohexane	6.70	83	11322	0.814	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5322	0.607	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1020	0.079	ug/L #	61
42) Toluene	7.97	91	169746	4.800	ug/L	97
44) trans-1,3-Dichloropropene	8.19	75	653	0.056	ug/L #	42
51) Chlorobenzene	9.45	112	114945	5.229	ug/L	98
59) 1,2,3-Trichloropropane	11.81	75	5180	0.787	ug/L #	42

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Instrument :
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ClientSampleId :
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Quant Time: Dec 19 04:14:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 19 04:12:21 2020
Response via : Initial Calibration

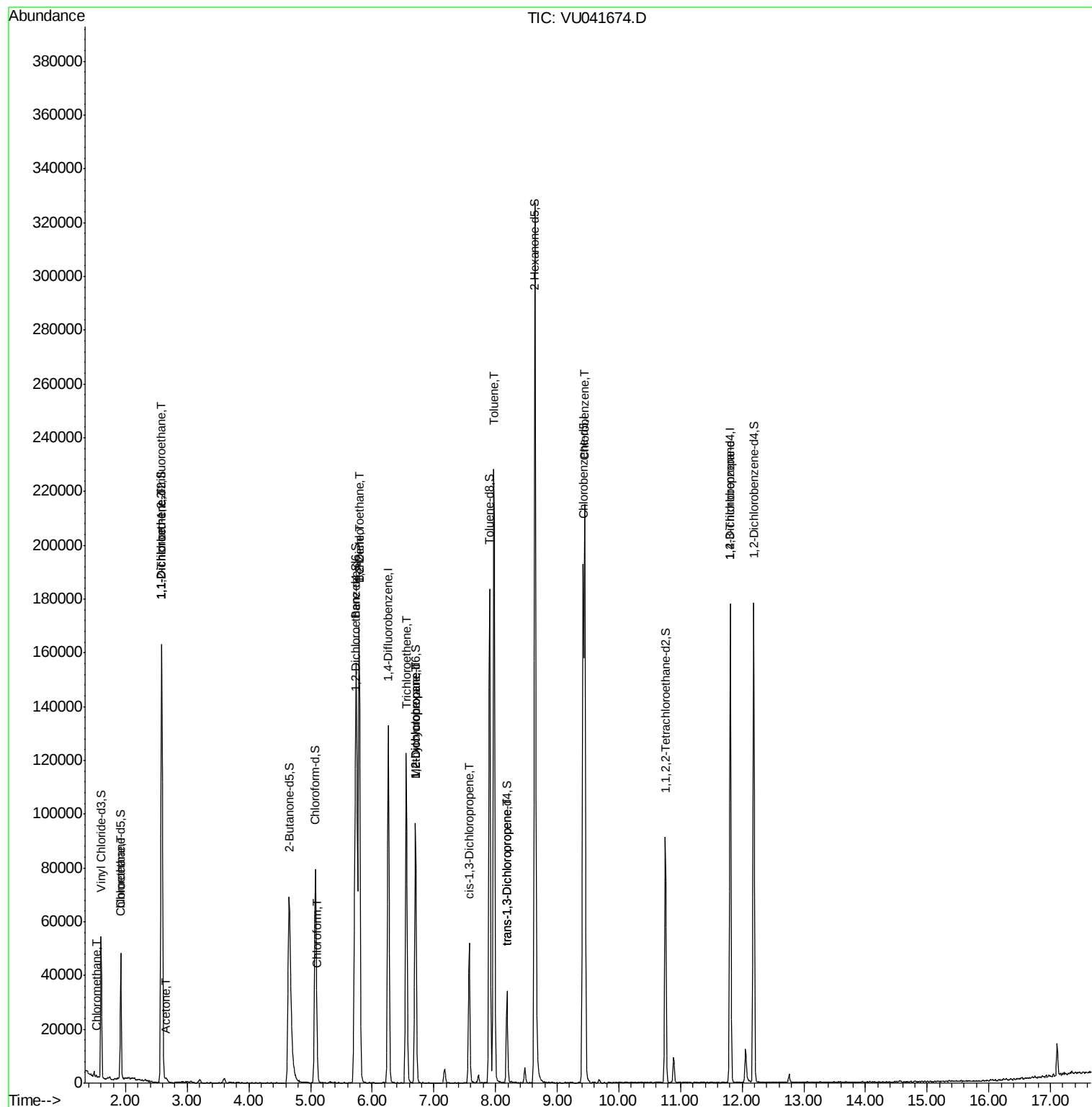
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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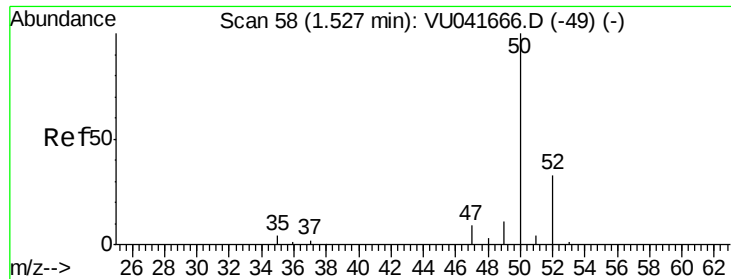
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : L5143-03MSD
Misc : 25.0mL/MSVOA U/WATER
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Instrument :
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Quant Time: Dec 19 04:14:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
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QLast Update : Sat Dec 19 04:12:21 2020
Response via : Initial Calibration

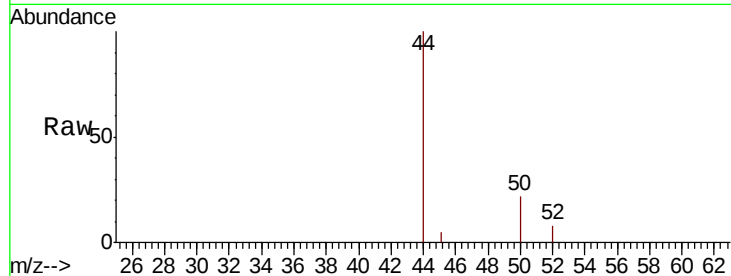




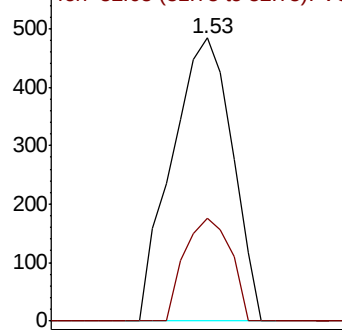
#3
Chloromethane
Concen: 0.053 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU041674.D
Acq: 18 Dec 2020 13:03

Instrument :
MSVOA_U
ClientSampleId :
ETZB2MSD

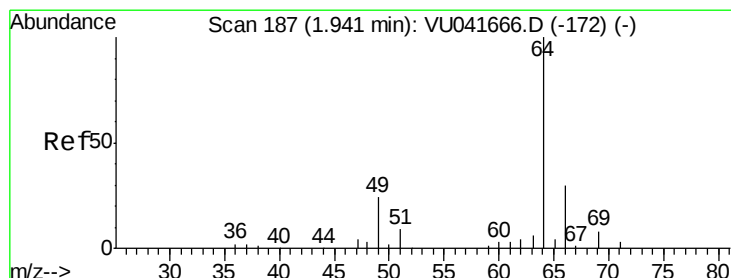
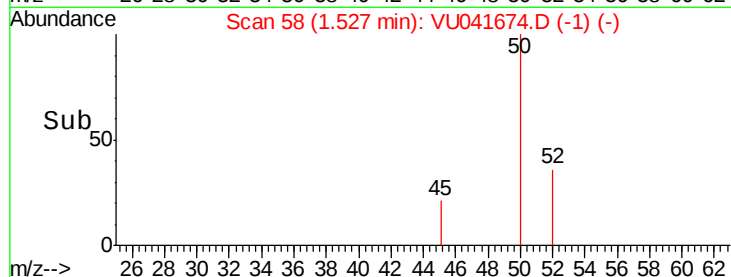
Tot Ion: 50 Resp: 480
Ion Ratio Lower Upper
50 100
52 36.2 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU0
Ion 52.05 (51.75 to 52.75): VU0

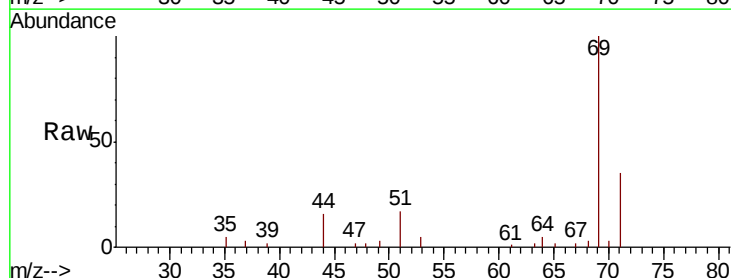


Time-->

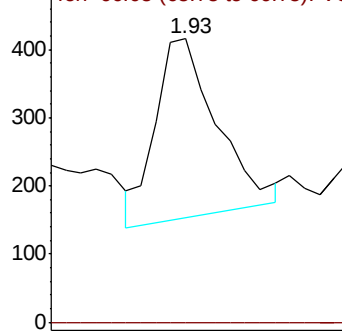


#8
Chloroethane
Concen: 0.036 ug/L
RT: 1.93 min Scan# 185
Delta R.T. -0.01 min
Lab File: VU041674.D
Acq: 18 Dec 2020 13:03

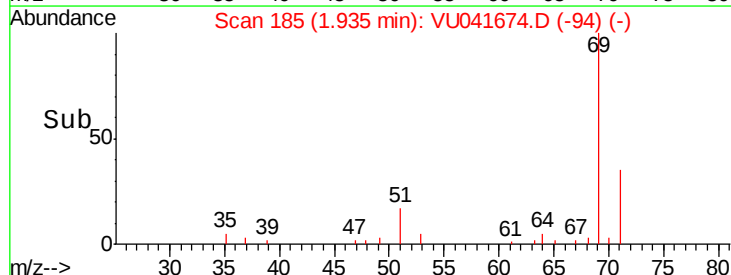
Tgt Ion: 64 Resp: 246
Ion Ratio Lower Upper
64 100
66 0.0 21.6 40.0#

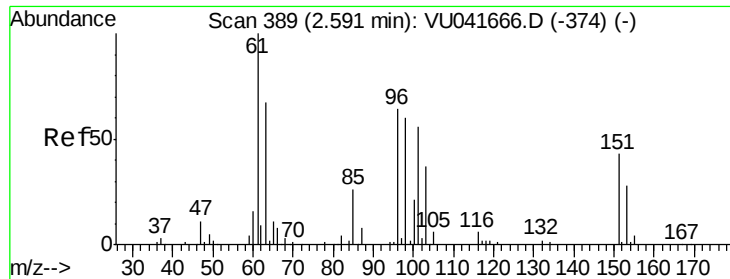


Abundance Ion 64.10 (63.80 to 64.80): VU0
Ion 66.05 (65.75 to 66.75): VU0



Time-->





#10

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

Concen: 0.064 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041674.D

Acq: 18 Dec 2020 13:03

Instrument :

MSVOA_U

ClientSampleId :

ETZB2MSD

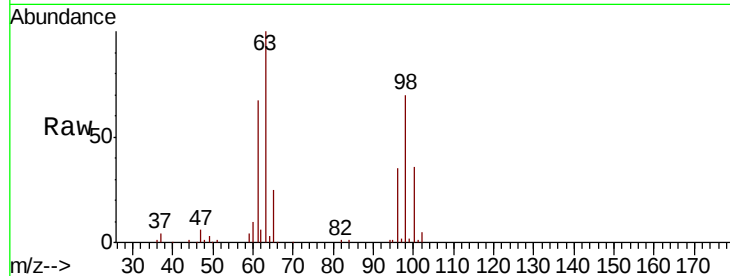
Tot Ion:101 Resp: 490

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

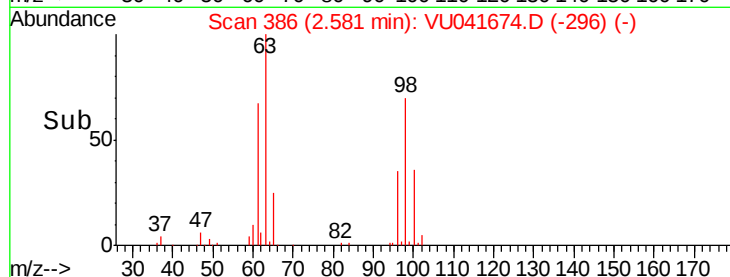
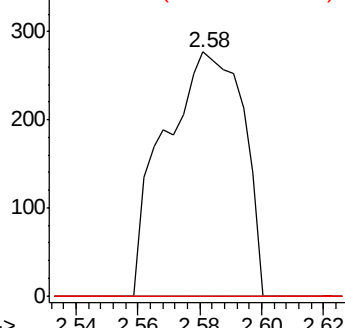
151 0.0 56.2 84.4#



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



#12

1,1-Dichloroethene

Concen: 4.839 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU041674.D

Acq: 18 Dec 2020 13:03

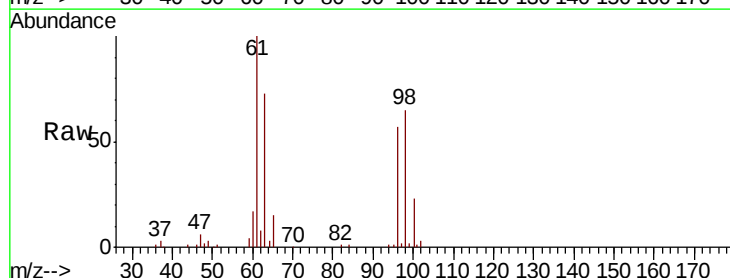
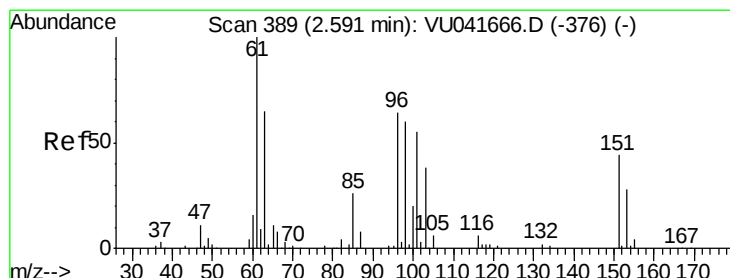
Tgt Ion: 96 Resp: 36387

Ion Ratio Lower Upper

96 100

61 174.9 123.8 230.0

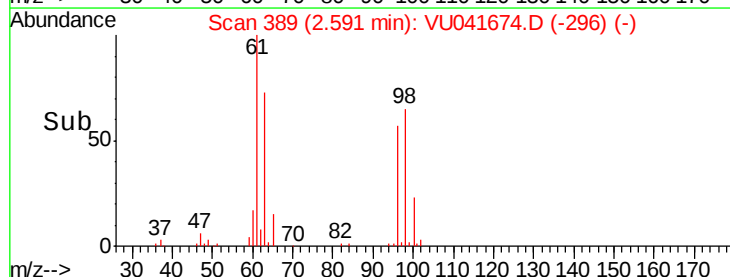
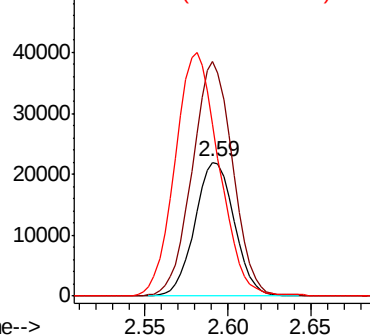
63 128.4 81.0 150.4

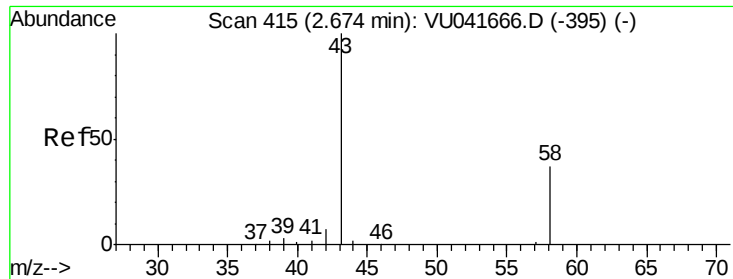


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.862 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU041674.D

Acq: 18 Dec 2020 13:03

Instrument :

MSVOA_U

ClientSampleId :

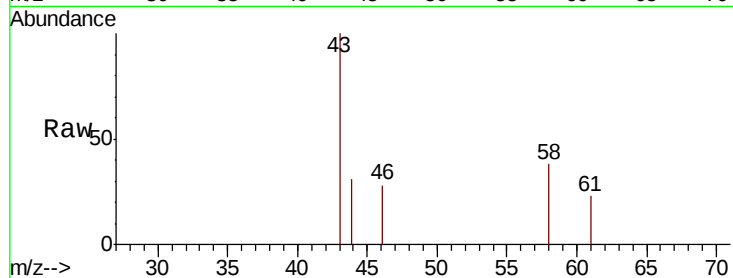
ETZB2MSD

Tot Ion: 43 Resp: 1365

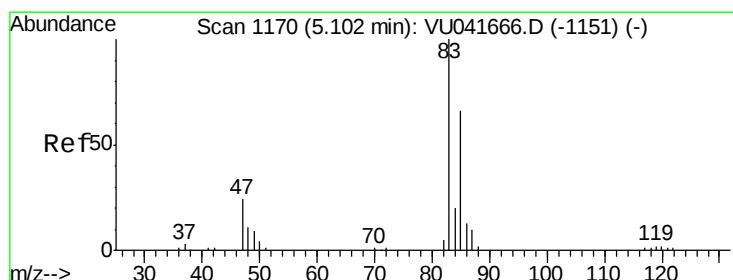
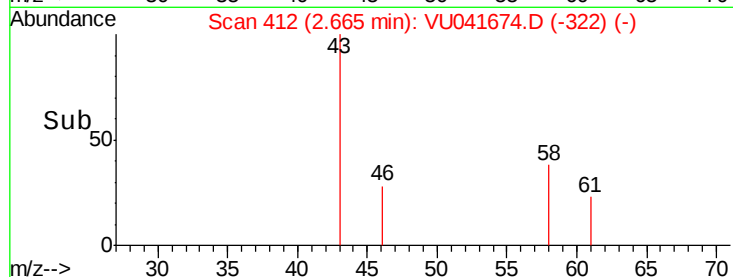
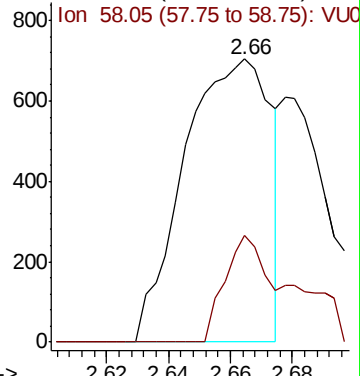
Ion Ratio Lower Upper

43 100

58 29.0 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU041666.D (-395) (-)



#25

Chloroform

Concen: 0.124 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU041674.D

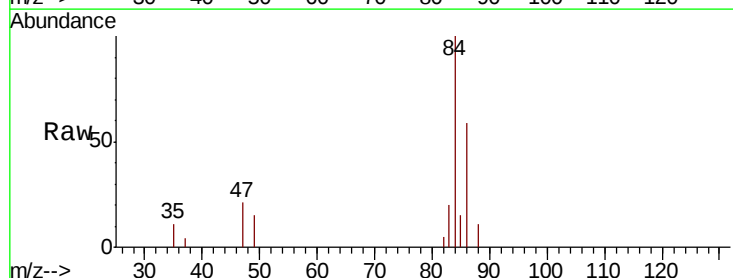
Acq: 18 Dec 2020 13:03

Tgt Ion: 83 Resp: 1810

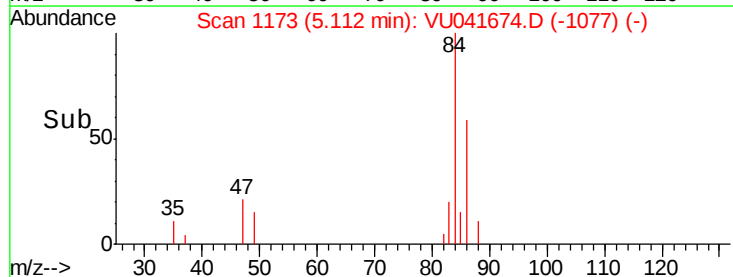
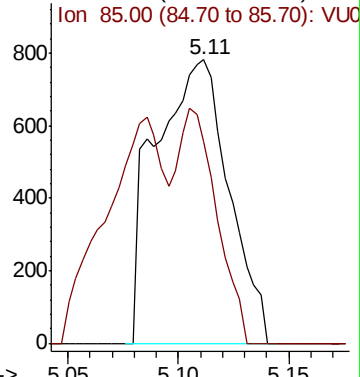
Ion Ratio Lower Upper

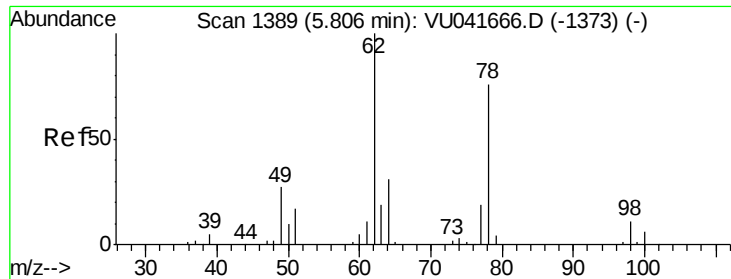
83 100

85 71.4 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU041666.D (-1151) (-)

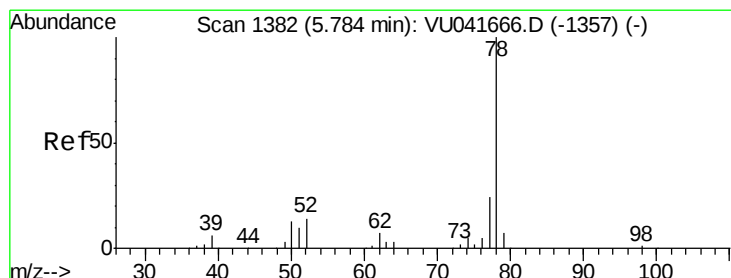
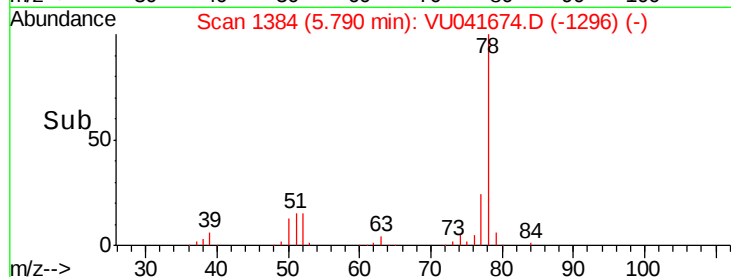
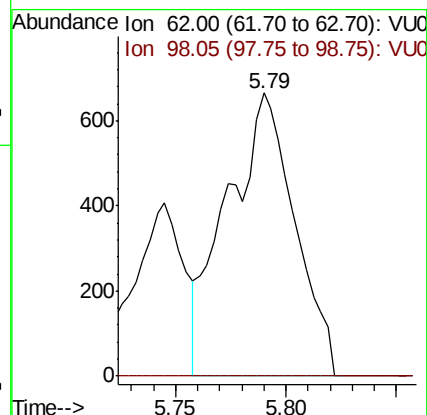
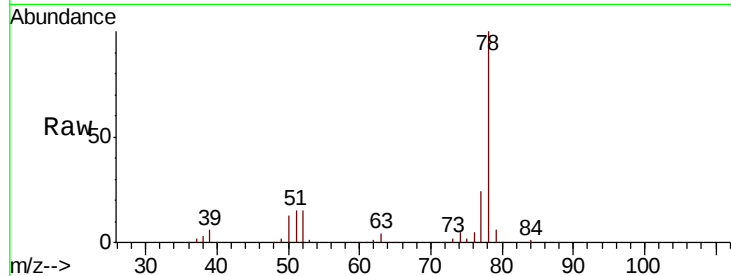




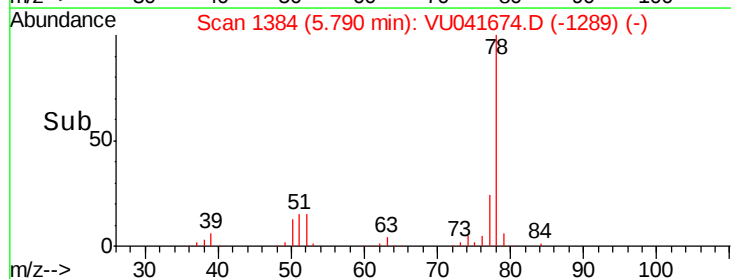
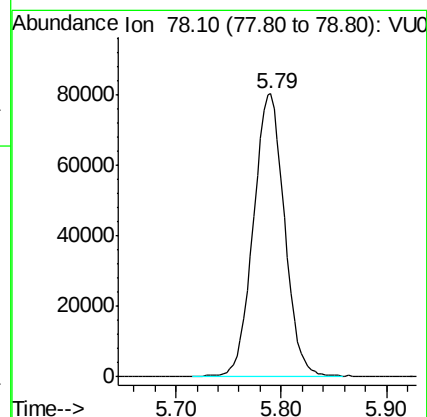
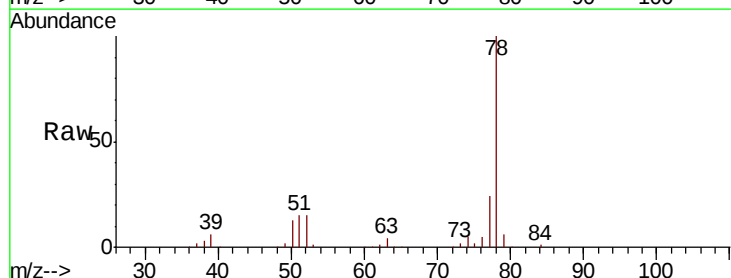
#27
 1,2-Dichloroethane
 Concen: 0.142 ug/L
 RT: 5.79 min Scan# 1384
 Delta R.T. -0.02 min
 Lab File: VU041674.D
 Acq: 18 Dec 2020 13:03

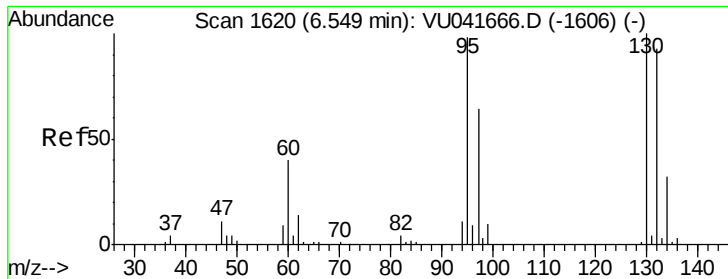
Instrument :
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 ETZB2MSD

Tot Ion: 62 Resp: 1410
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#33
 Benzene
 Concen: 4.834 ug/L
 RT: 5.79 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: VU041674.D
 Acq: 18 Dec 2020 13:03
 Tgt Ion: 78 Resp: 165579

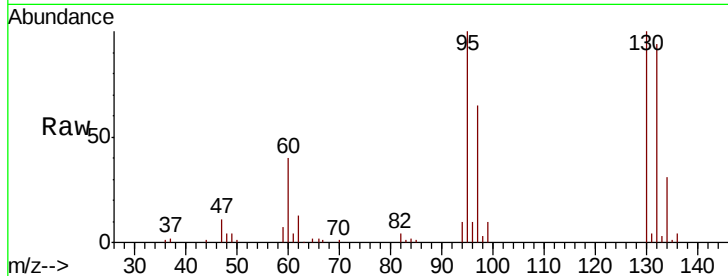




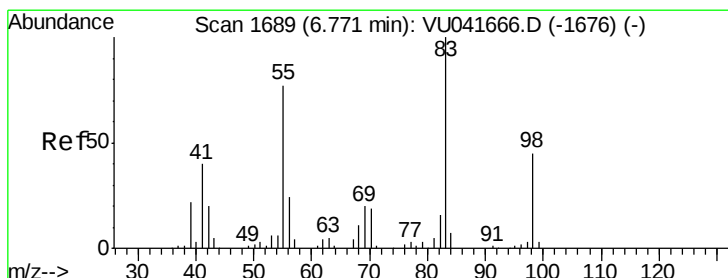
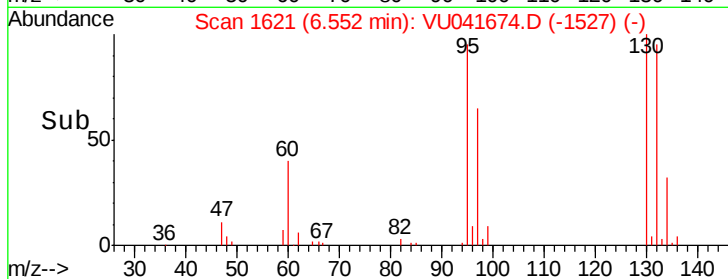
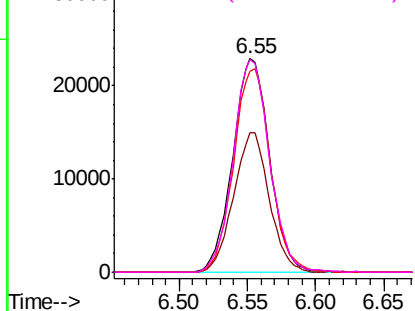
#34
 Trichloroethene
 Concen: 4.991 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041674.D
 Acq: 18 Dec 2020 13:03

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZB2MSD

Tot Ion: 95 Resp: 42959
 Ion Ratio Lower Upper
 95 100
 97 65.1 43.9 81.5
 132 94.3 63.1 117.3
 130 99.6 67.4 125.2

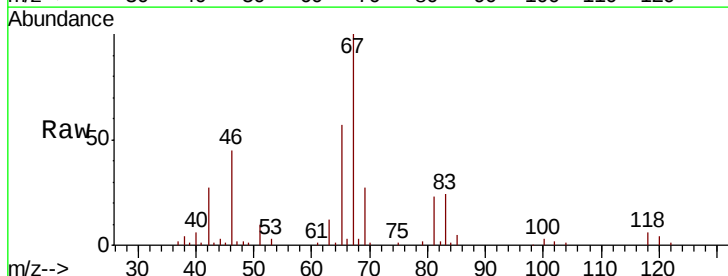


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

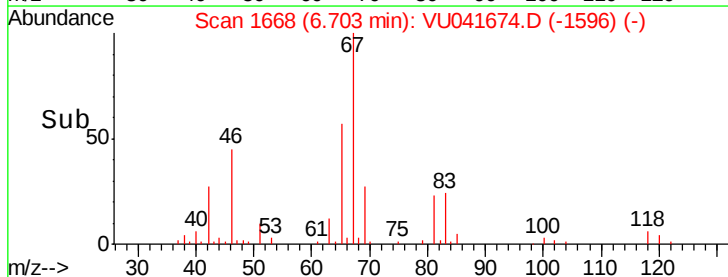
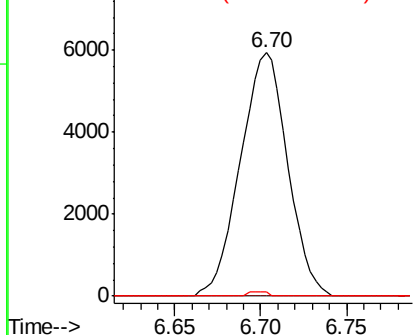


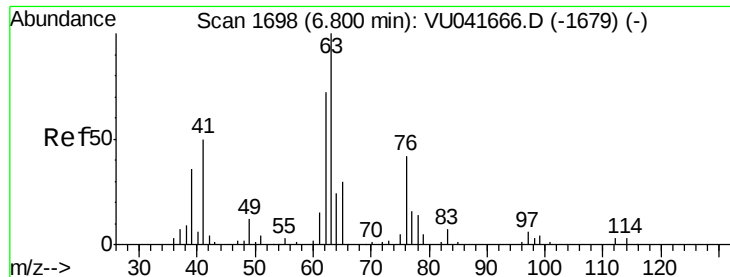
#35
 Methylcyclohexane
 Concen: 0.814 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU041674.D
 Acq: 18 Dec 2020 13:03

Tgt Ion: 83 Resp: 11322
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.2 91.8#
 98 0.8 36.6 54.8#



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

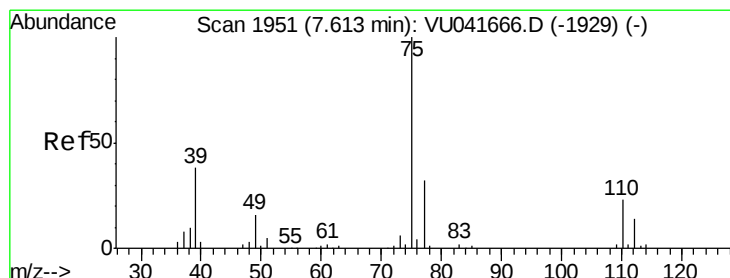
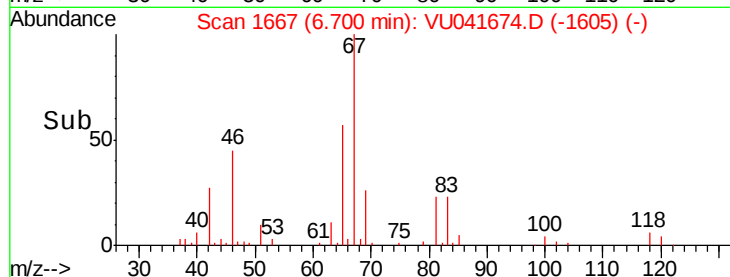
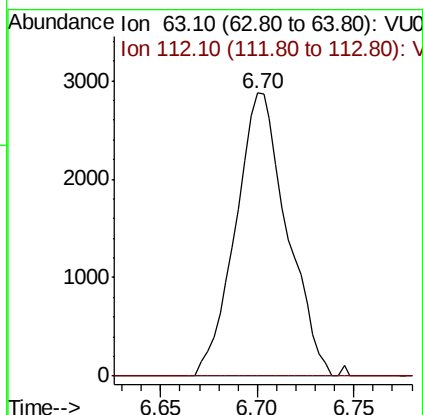
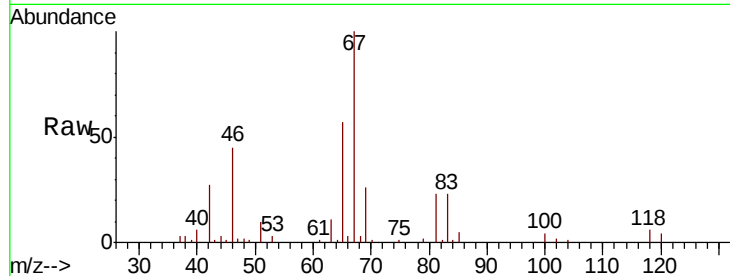




#37
 1,2-Dichloropropane
 Concen: 0.607 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041674.D
 Acq: 18 Dec 2020 13:03

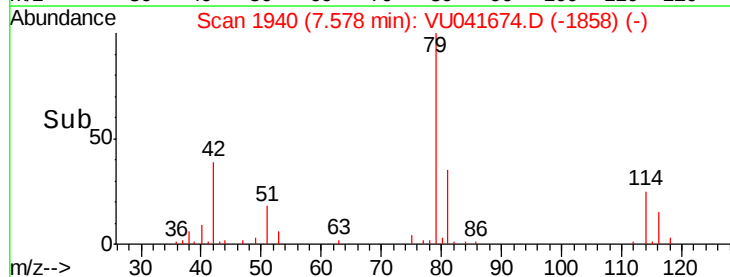
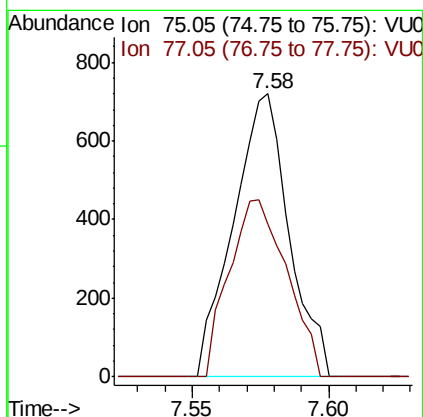
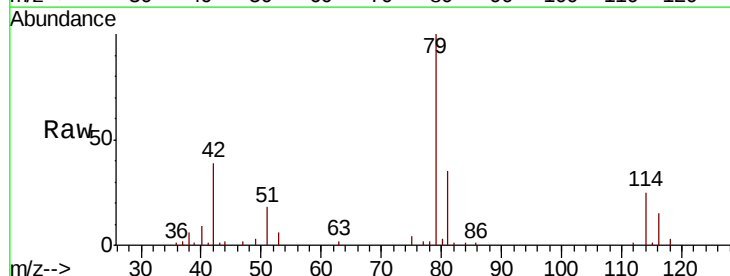
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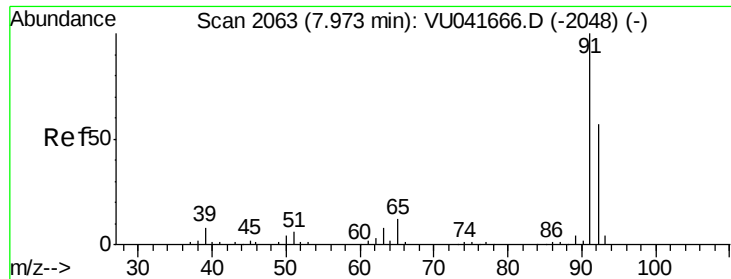
Tot Ion: 63 Resp: 5322
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU041674.D
 Acq: 18 Dec 2020 13:03

Tgt Ion: 75 Resp: 1020
 Ion Ratio Lower Upper
 75 100
 77 53.8 22.3 41.3#





#42

Toluene

Concen: 4.800 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU041674.D

Acq: 18 Dec 2020 13:03

Instrument :

MSVOA_U

ClientSampleId :

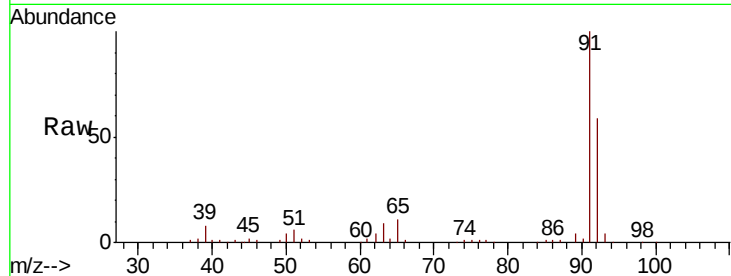
ETZB2MSD

Tot Ion: 91 Resp: 169746

Ion Ratio Lower Upper

91 100

92 59.2 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU041666.D (-2048) (-)

Ion 92.15 (91.85 to 92.85): VU041666.D (-2048) (-)

7.97

100000

80000

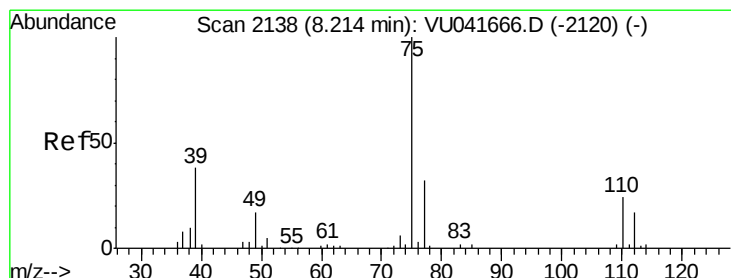
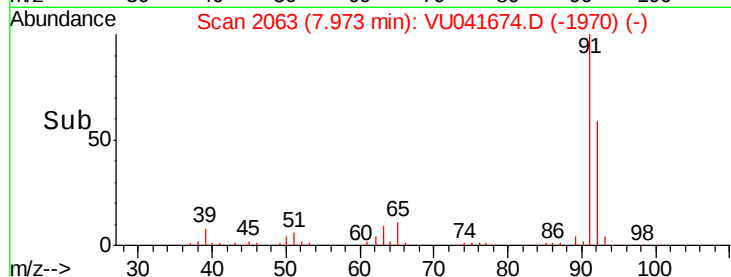
60000

40000

20000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.056 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041674.D

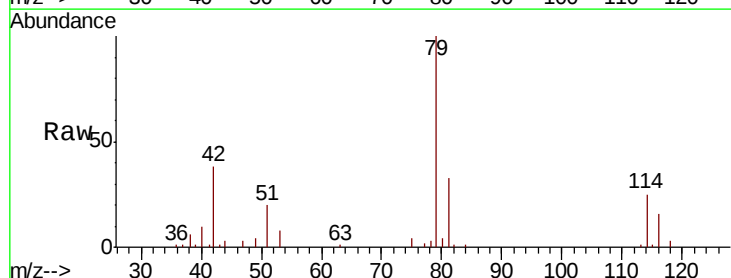
Acq: 18 Dec 2020 13:03

Tgt Ion: 75 Resp: 653

Ion Ratio Lower Upper

75 100

77 67.1 23.8 44.2#



Abundance Ion 75.05 (74.75 to 75.75): VU041666.D (-2120) (-)

Ion 77.05 (76.75 to 77.75): VU041666.D (-2120) (-)

8.19

400

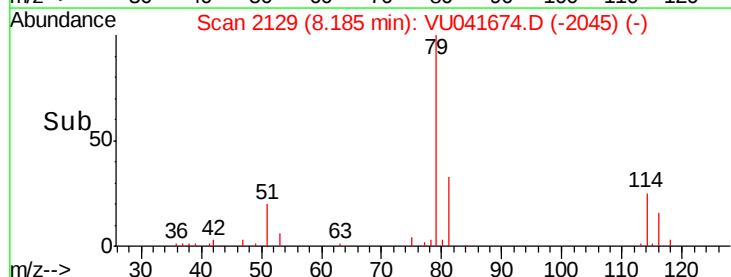
300

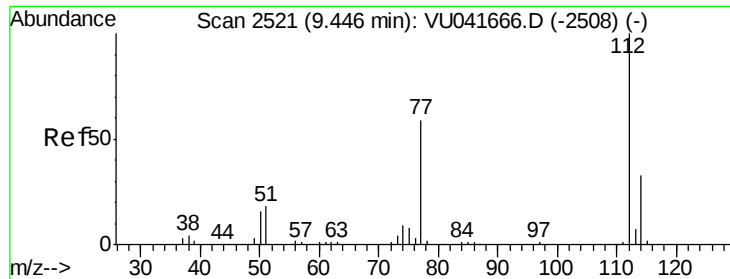
200

100

0

Time-->





#51

Chlorobenzene

Concen: 5.229 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU041674.D

Acq: 18 Dec 2020 13:03

Instrument :

MSVOA_U

ClientSampleId :

ETZB2MSD

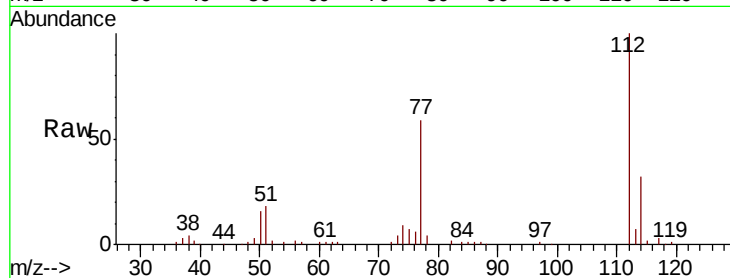
Tot Ion:112 Resp: 114945

Ion Ratio Lower Upper

112 100

114 32.2 22.7 42.3

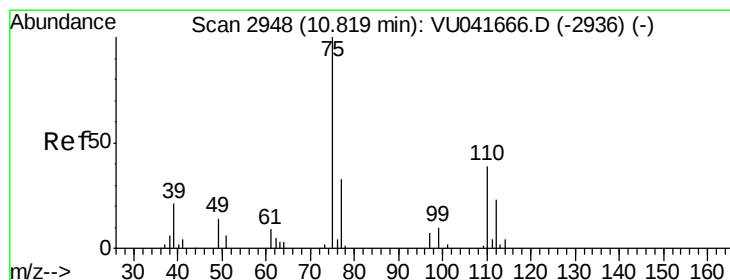
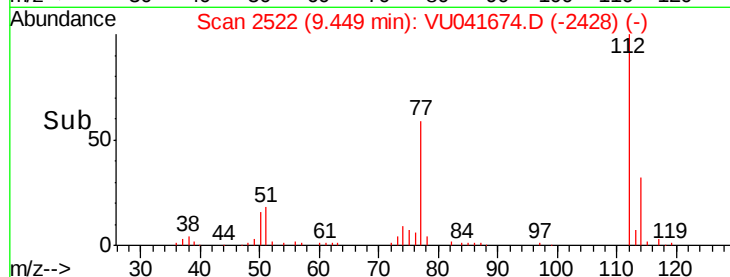
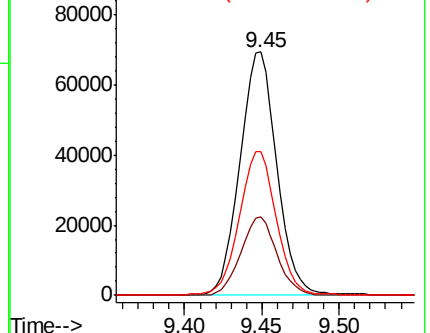
77 59.0 49.1 73.7



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU



#59

1,2,3-Trichloropropane

Concen: 0.787 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041674.D

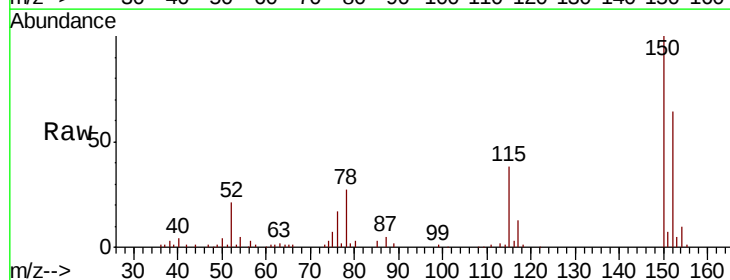
Acq: 18 Dec 2020 13:03

Tgt Ion: 75 Resp: 5180

Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU

