

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
 Data File : VU041186.D
 Acq On : 10 Nov 2020 18:47
 Operator : SY/MD
 Sample : L4646-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0W5

Quant Time: Nov 11 00:53:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 11 00:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	52220	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	53581	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25086	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14681	3.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.00%
7) Chloroethane-d5	1.92	69	13646	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.58	63	23360	2.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.20%#
20) 2-Butanone-d5	4.65	46	80053	55.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.82%
24) Chloroform-d	5.08	84	38704	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.72	65	25185	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.75	84	63258	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.70	67	22378	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.91	98	50804	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	8.19	79	8765	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.64	63	55596	51.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22585	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	23383	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

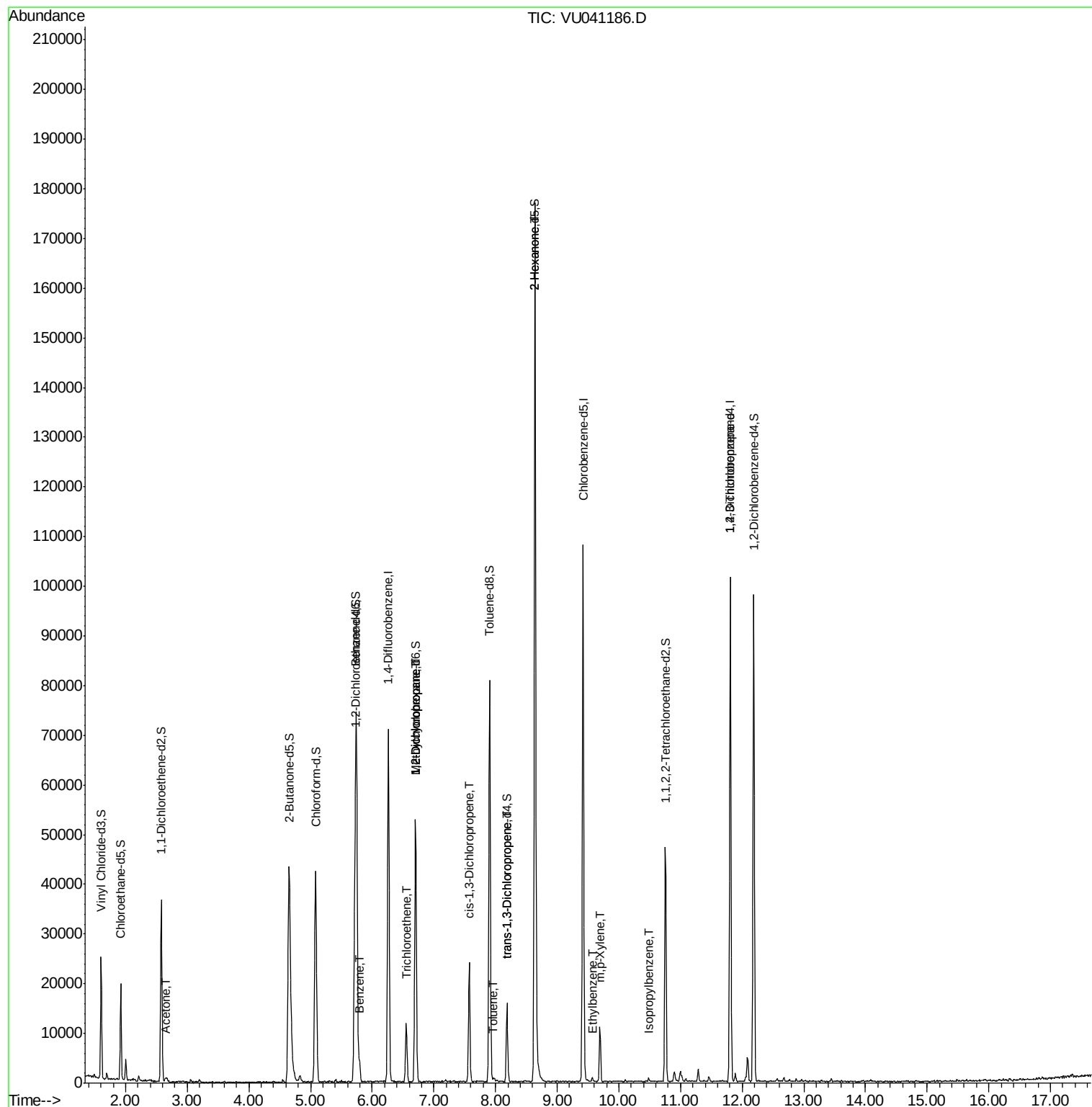
					Ovalue
13) Acetone	2.66	43	1188	1.203 ug/L #	59
33) Benzene	5.80	78	4386	0.274 ug/L	100
34) Trichloroethene	6.55	95	3805	0.934 ug/L	92
35) Methylcyclohexane	6.70	83	5434	0.894 ug/L #	16
37) 1,2-Dichloropropane	6.70	63	2637	0.609 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	608	0.102 ug/L #	78
42) Toluene	7.97	91	611	0.038 ug/L	90
44) trans-1,3-Dichloropropene	8.19	75	394	0.071 ug/L #	77
48) 2-Hexanone	8.64	43	8921	3.430 ug/L #	70
52) Ethylbenzene	9.57	91	950	0.056 ug/L #	82
53) m,p-Xylene	9.70	106	3092	0.496 ug/L	84
56) Isopropylbenzene	10.48	105	747	0.048 ug/L #	75
59) 1,2,3-Trichloropropane	11.81	75	3184	0.986 ug/L #	87

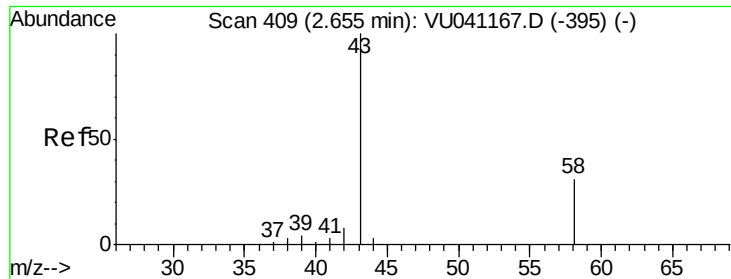
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.203 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU041186.D

Acq: 10 Nov 2020 18:47

Instrument :

MSVOA_U

ClientSampleId :

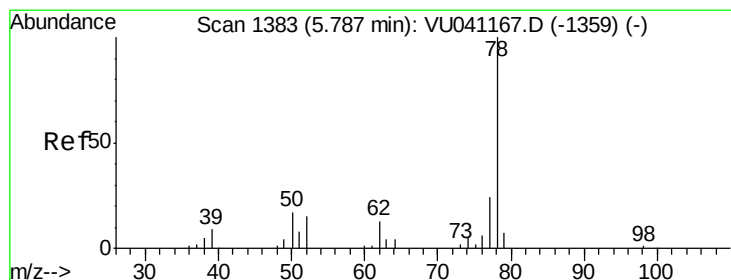
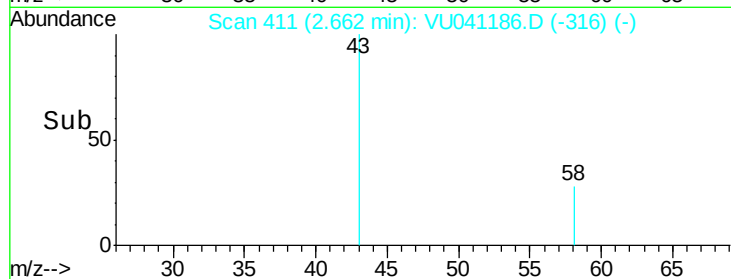
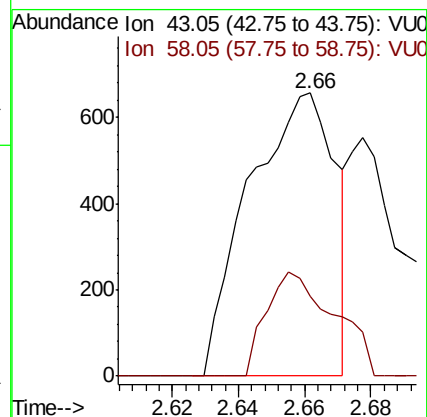
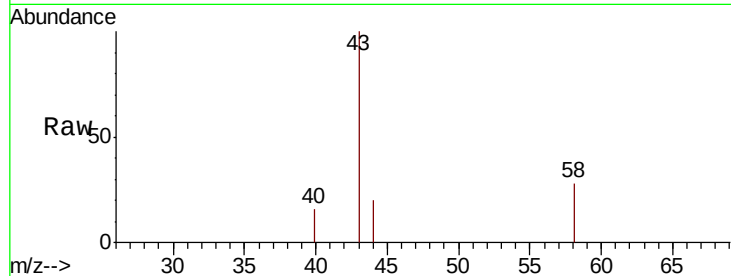
GB0W5

Tot Ion: 43 Resp: 1188

Ion Ratio Lower Upper

43 100

58 29.0 0.0 25.4#



#33

Benzene

Concen: 0.274 ug/L

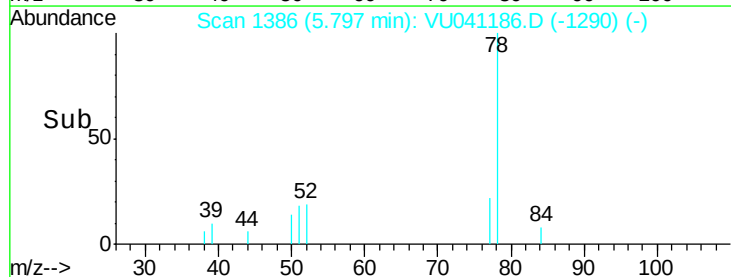
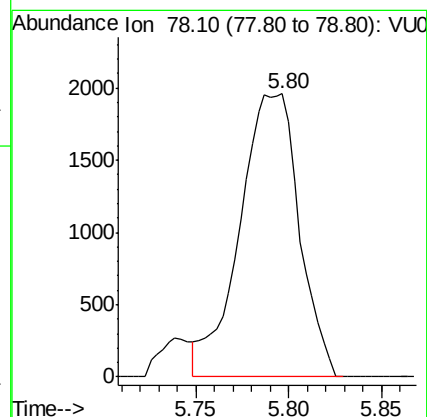
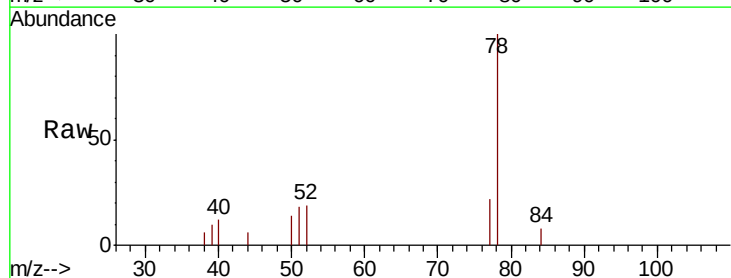
RT: 5.80 min Scan# 1386

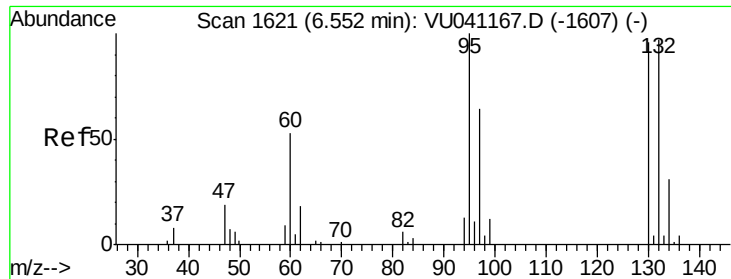
Delta R.T. 0.01 min

Lab File: VU041186.D

Acq: 10 Nov 2020 18:47

Tgt Ion: 78 Resp: 4386

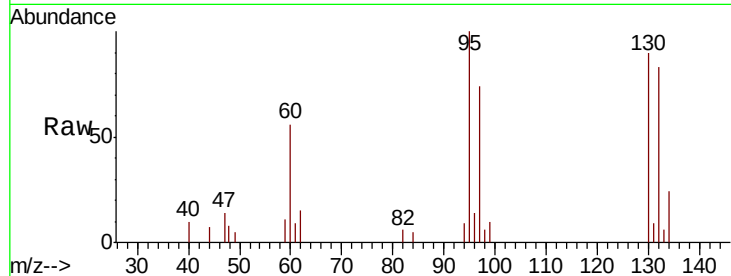




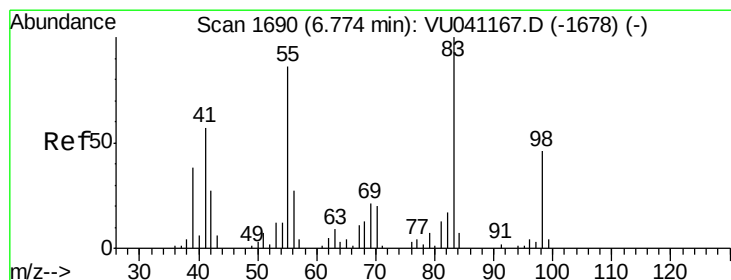
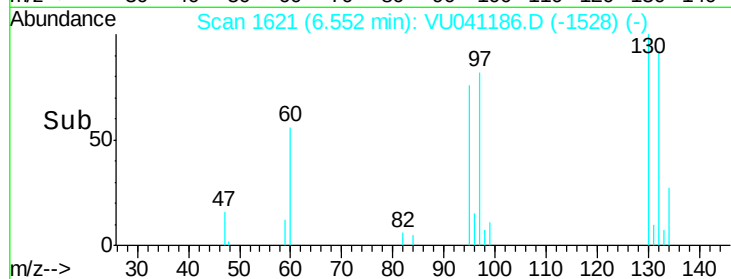
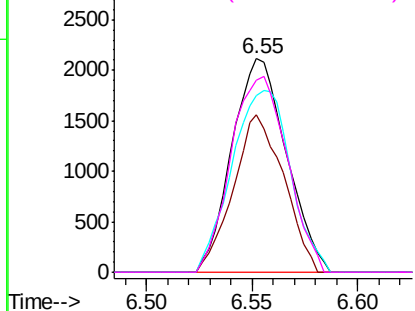
#34
 Trichloroethene
 Concen: 0.934 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041186.D
 Acq: 10 Nov 2020 18:47

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0W5

Tot Ion:	95	Resp:	3805
Ion	Ratio	Lower	Upper
95	100		
97	73.7	45.6	84.6
132	82.9	64.8	120.4
130	90.1	64.8	120.4

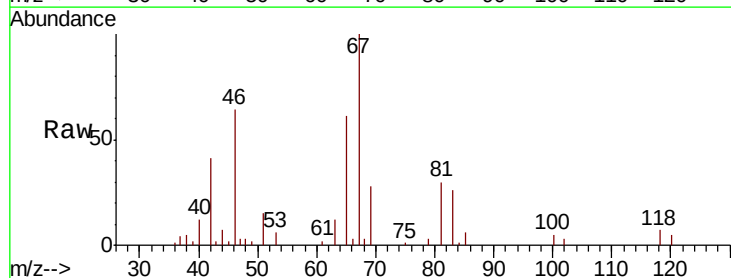


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

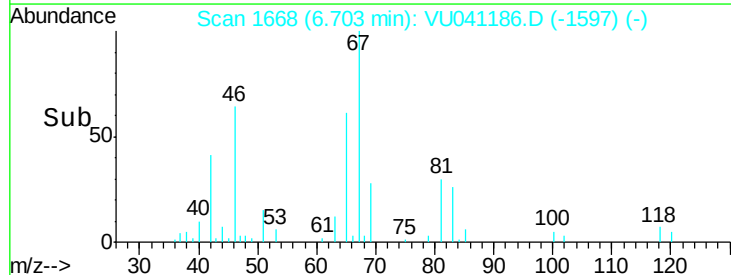
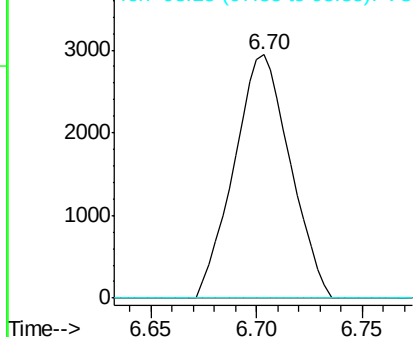


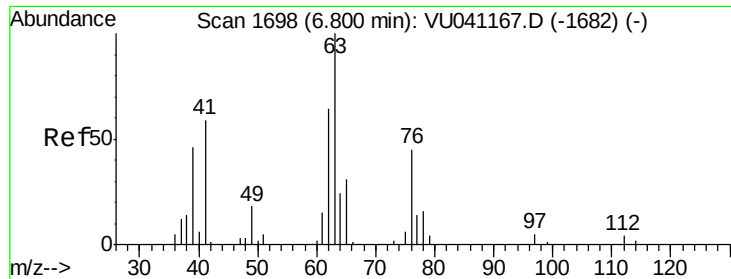
#35
 Methylcyclohexane
 Concen: 0.894 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU041186.D
 Acq: 10 Nov 2020 18:47

Tgt Ion:	83	Resp:	5434
Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	4.5	36.6	55.0#



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

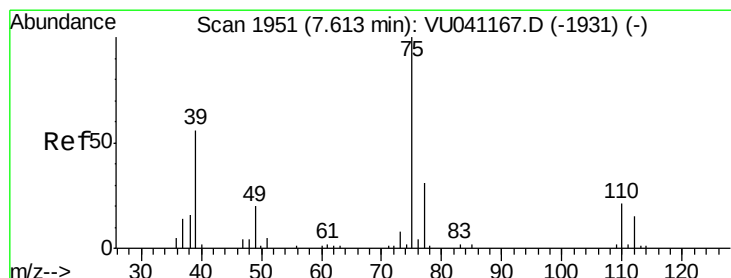
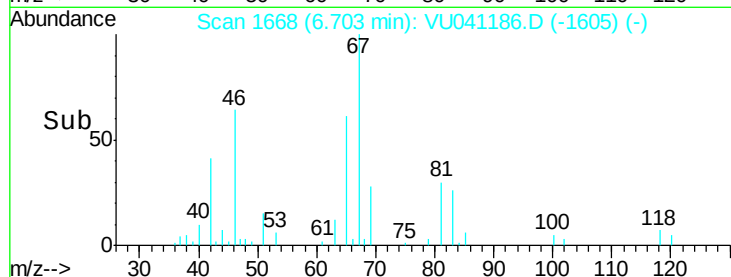
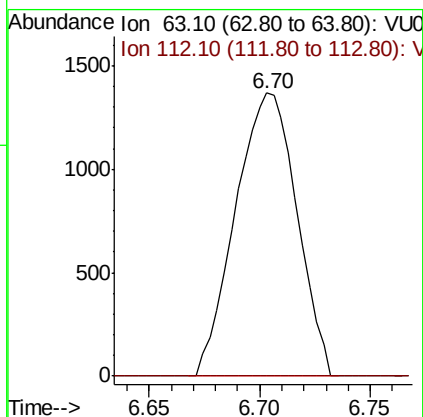
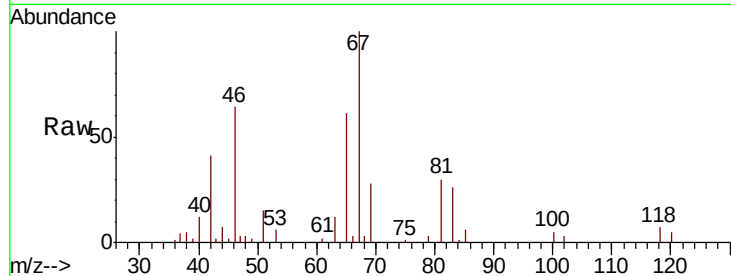




#37
 1,2-Dichloropropane
 Concen: 0.609 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041186.D
 Acq: 10 Nov 2020 18:47

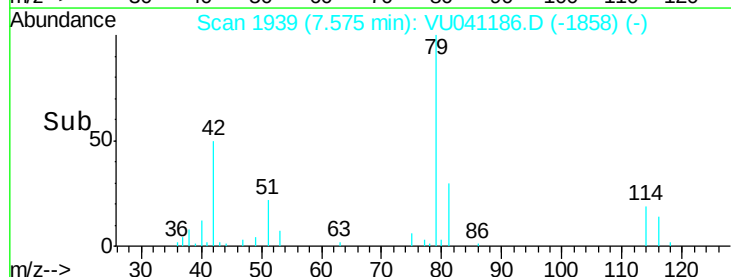
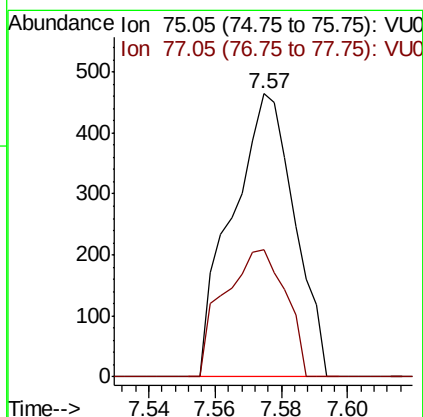
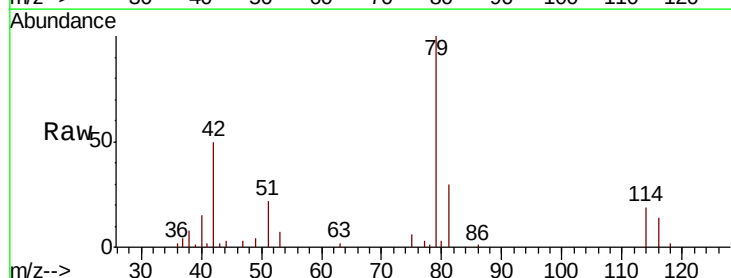
Instrument :
 MSVOA_U
 ClientSampleId :
 GB0W5

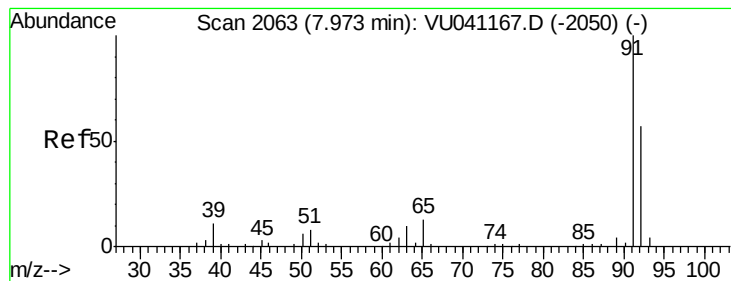
Tot Ion: 63 Resp: 2637
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041186.D
 Acq: 10 Nov 2020 18:47

Tgt Ion: 75 Resp: 608
 Ion Ratio Lower Upper
 75 100
 77 45.0 22.7 42.3#





#42

Toluene

Concen: 0.038 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VU041186.D

Acq: 10 Nov 2020 18:47

Instrument :

MSVOA_U

ClientSampleId :

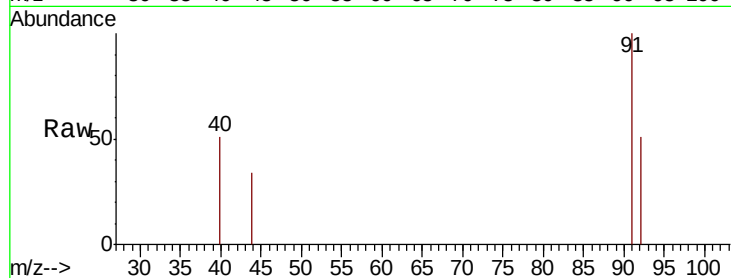
GB0W5

Tot Ion: 91 Resp: 611

Ion Ratio Lower Upper

91 100

92 50.5 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.97

400

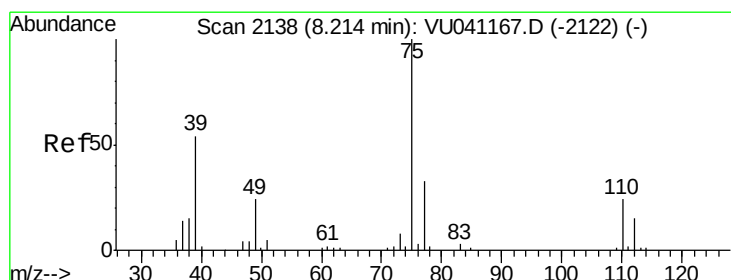
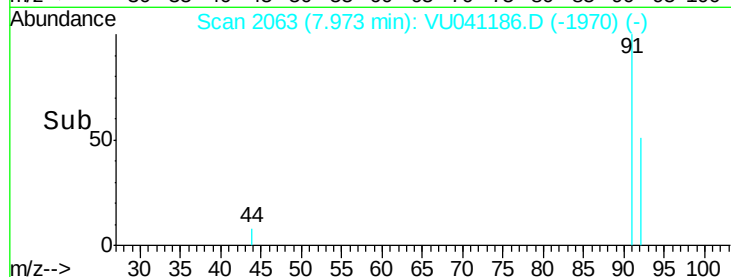
300

200

100

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041186.D

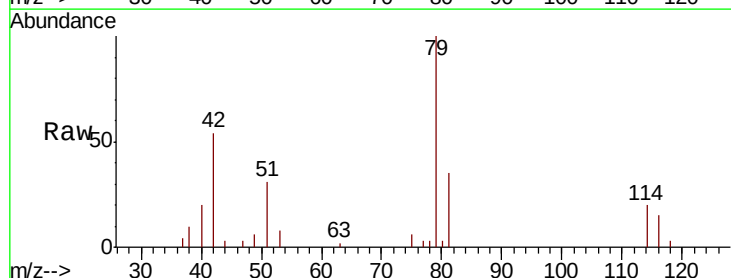
Acq: 10 Nov 2020 18:47

Tgt Ion: 75 Resp: 394

Ion Ratio Lower Upper

75 100

77 46.6 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

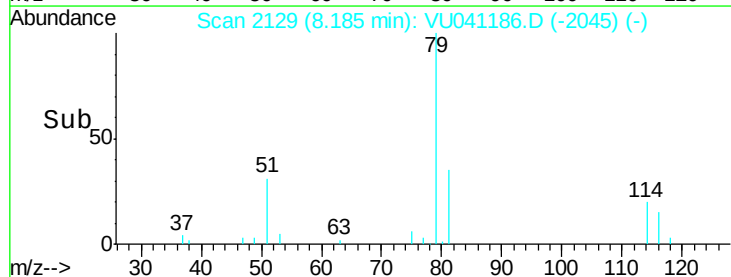
300

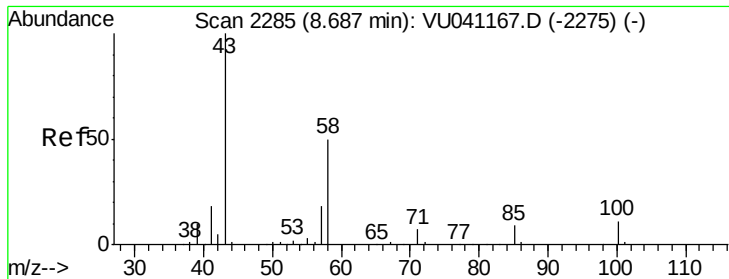
200

100

0

Time-->

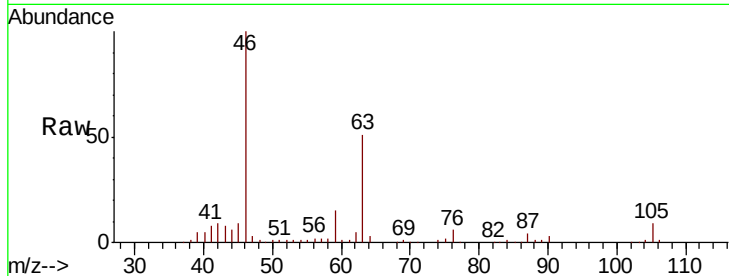




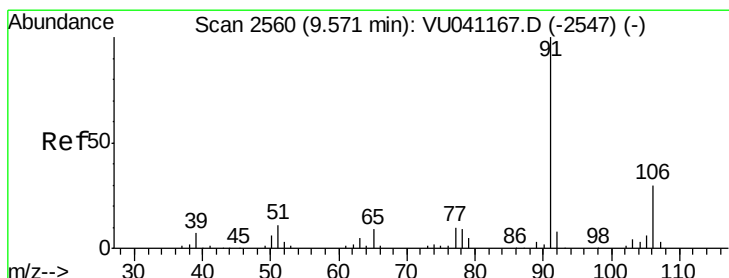
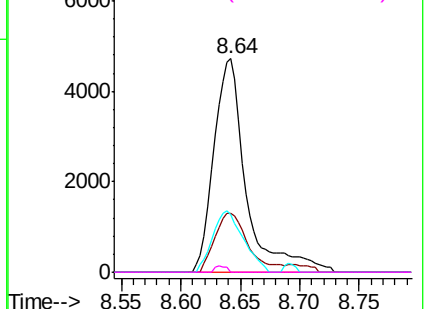
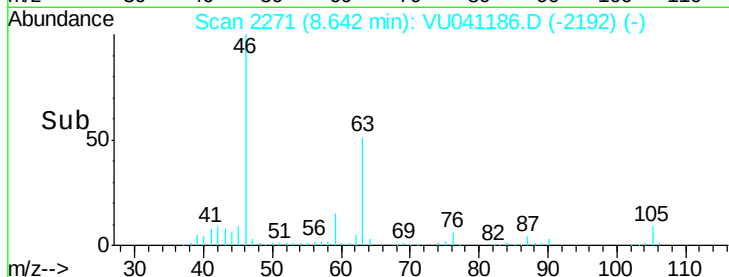
#48
2-Hexanone
Concen: 3.430 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041186.D
Acq: 10 Nov 2020 18:47

Instrument :
MSVOA_U
ClientSampleId :
GB0W5

Tot Ion	Ratio	Lower	Upper
43	100		
58	27.4	41.4	62.2#
57	27.3	14.6	21.8#
100	1.0	8.3	12.5#

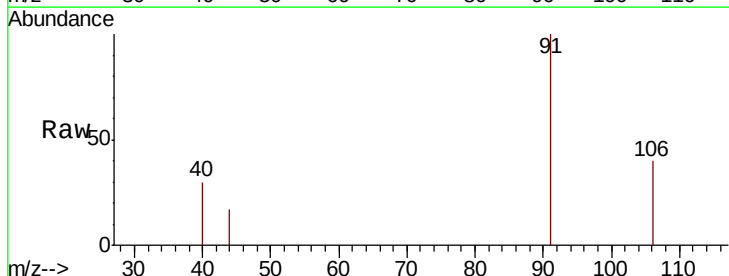


Abundance Ion 43.05 (42.75 to 43.75): VU041186.D (-2192) (-)

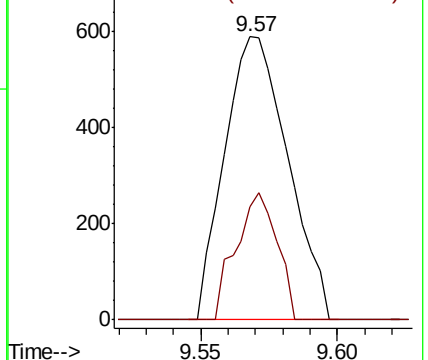
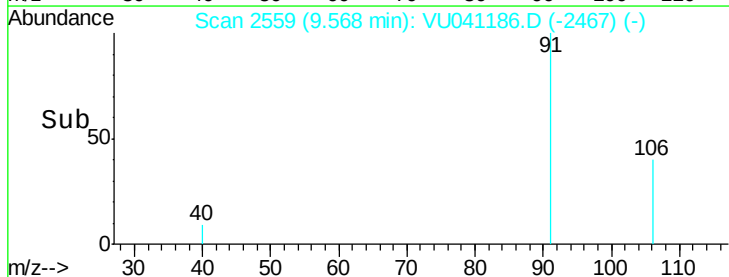


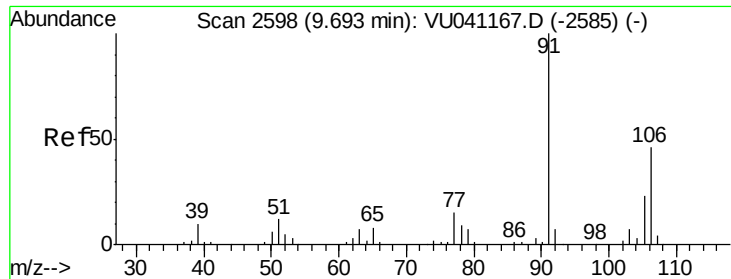
#52
Ethylbenzene
Concen: 0.056 ug/L
RT: 9.57 min Scan# 2559
Delta R.T. -0.00 min
Lab File: VU041186.D
Acq: 10 Nov 2020 18:47

Tgt Ion	Ratio	Lower	Upper
91	100		
106	39.8	21.0	39.0#



Abundance Ion 91.15 (90.85 to 91.85): VU041186.D (-2467) (-)





#53

m,p-Xylene

Concen: 0.496 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU041186.D

Acq: 10 Nov 2020 18:47

Instrument :

MSVOA_U

ClientSampleId :

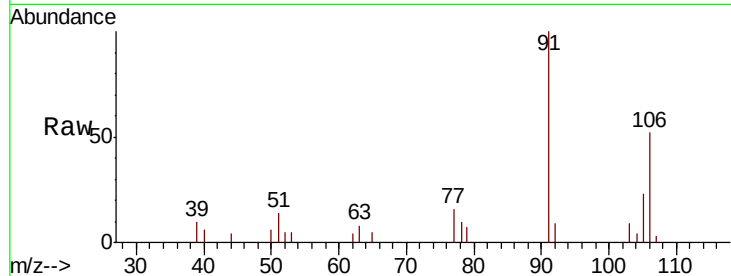
GB0W5

Tot Ion:106 Resp: 3092

Ion Ratio Lower Upper

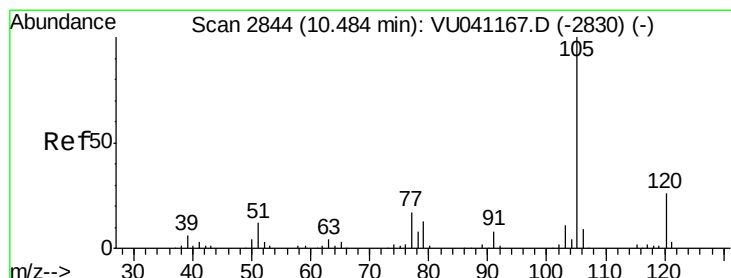
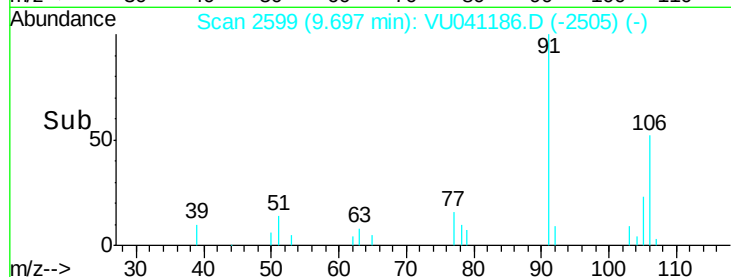
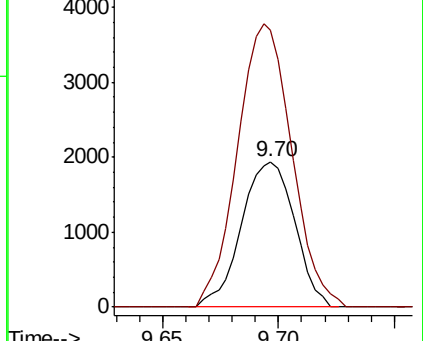
106 100

91 190.7 150.9 280.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#56

Isopropylbenzene

Concen: 0.048 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU041186.D

Acq: 10 Nov 2020 18:47

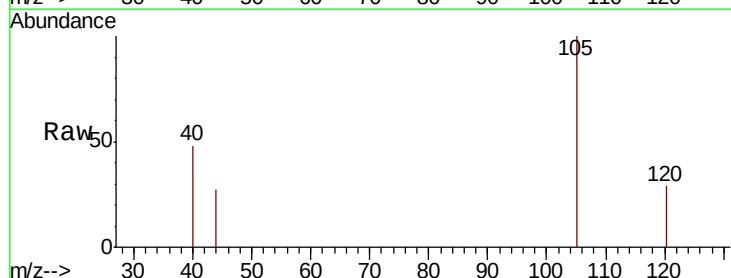
Tgt Ion:105 Resp: 747

Ion Ratio Lower Upper

105 100

120 18.3 20.7 31.1#

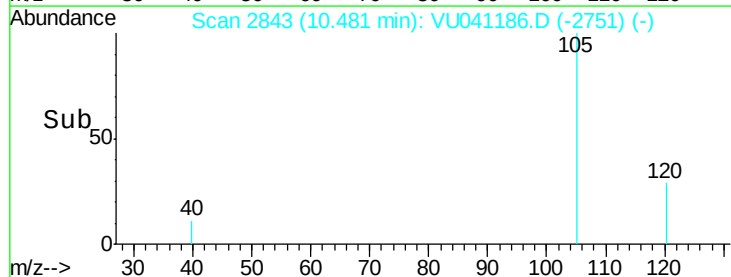
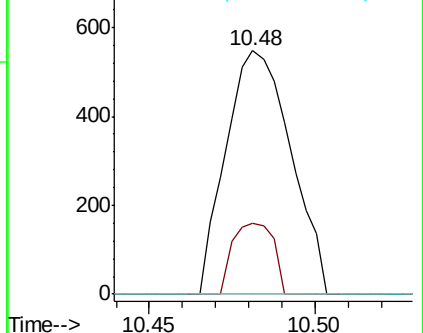
77 0.0 13.8 20.6#

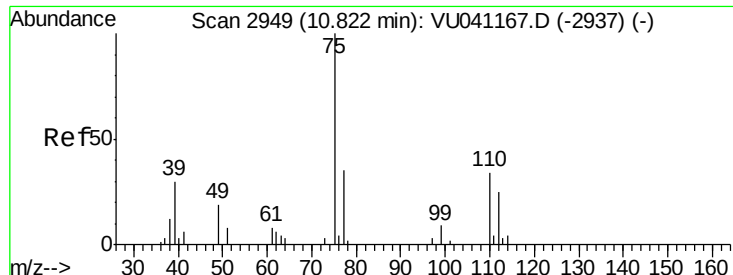


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0





#59

1,2,3-Trichloropropane

Concen: 0.986 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041186.D

Acq: 10 Nov 2020 18:47

Instrument :

MSVOA_U

ClientSampleId :

GB0W5

Tot Ion: 75 Resp: 3184

Ion Ratio Lower Upper

75 100

77 39.1 25.7 38.5#

